From:Ms. Elsa LeeTo:Berg. KatieSubject:511-Letter From Organizing Committee of Greentech-2012Date:Tuesday, March 13, 2012 12:44:57 AMImportance:High

Low Carbon Earth Summit 2012

(Four Concurrent Events—Greentech)

Time: Oct.19-21, 2012 Venue: Guangzhou, China

Website: <u>http://www.bitcongress.com/Greentech2012</u>

Dear Katie Berg,

How are you doing now?

I am Elsa Lee, the Program Coordinator of BIT's 1st Annual World Congress of Greentech (Greentech-2012), I am not sure if you have received my letter previously about the conference: Greentech-2012. I'm writing to inform that the conference will be held during Oct. 19-21 at Guangzhou Baiyun International Convention Center, Guangzhou, China instead of Hefei Binhu International Conference & Exhibition Center.

Would you like to attend this conference as a speaker at Track 3-4:Carbon Control Issues for Forestry Operations and Wood Economy of Forum 3:Implementation ? You may find more session details at: http://www.bitcongress.com/Greentech2012/fullprogram.asp

We expect your precious comments or suggestions on the structure of our program, also your reference to other speakers will be highly appreciated.

Looking forward to hearing from you!

Sincerely,

Ms. Elsa Lee

Organizing Committee of LCES 2012

East Wing, 11F, Dalian Ascendas IT Park

No. 1 Hui Xian Yuan, Dalian Hi-tech Industrial Zone

LN 116025, P.R.China

Tel: (b) (6)	
Fax: (b) (6)	
Email: (b) (6)	

Please find the details about the program as below

- Forum 1: Clean Development Mechanisms
- Track 1-1: Global CDM Policy Overview-from Kyoto Protocol to COP-15
- Track 1-2: Research and Methodologies and Legal Issues
- Track 1-3: CDM Afforestation and Reforestation Project Activities
- Track 1-4: Small-scale CDM Project Activities and Presentations
- Track 1-5: CERs and the CDM Registry, and the Registration of CDM Project Activities
- Track 1-6: Management Plan and Resources for the CDM Projects
- Track 1-7: Renewable Energy Project Development under CDM
- Track 1-8: Building and Construction Sector under CDM
- Track 1-9: Energy Neutral Design for the World
- Track 1-10: Regional Capacity Report on CDM Status
- Forum 2: Emission Trade based Green Economy
- Track 2-1: Legislative Issues in Global Warming and the World Trading System
- Track 2-2: Economics of International Emissions Trading and Carbon Neutrality
- Track 2-3: Carbon Disclosure Reporting
- Track 2-4: Roles of Brokers, Exchanges, Aggregators, and Financiers in Emission Trade
- Track 2-5: Validation and Verification of Emission Trade
- Track 2-6: Information and Analysis of Emission Trade
- Track 2-7: How to Gain Win-Win Situation by Partnerships?
- Track 2-8: How to Identify Business Opportunities and Use Carbon Credits
- Track 2-9: Carbon Exchanges and Trading Platforms under Emission Standard
- Track 2-10: Trend of Market Sizing and Segmentation
- Track 2-11: Case Studies on Adaptation and Carbon Emission Reduction
- Track 2-12: Case Studies from Project Developers

Track 2-13: Country Report from Pacific Rim Asia Region

Track 2-14: Country Report from European Union Emission Trading Scheme

- Track 2-15: Country Report from America Countries
- Track 2-16: Country Report from Africa Countries
- Track 2-17: Country Report from Oceania Region
- Forum 3: Implementation of Low Carbon Industries- Primary Sector
- Track 3-1: Impact of Agriculture Rural Electrification on Carbon Emission
- Track 3-2: Is Improve Livestock Operations Possible on CO2 Emission?
- Track 3-3: Carbon Control Issues for Hunting and Fishing
- Track 3-4: Carbon Control Issues for Forestry Operations and Wood Economy

Track 3-5: Challenges and Opportunities for Other Mine Ventilation and Fire Prevention Track 3-6: Technology and Equipment Saving Energy

- Forum 4: Implementation of Low Carbon Industries- Secondary Sector
- Track 4-1: Improve Efficiency of Basic metals Processing
- Track 4-2: Strategies and Technologies in Nonmetallic Product Processing
- Track 4-3: Emission Control in Wood Processing
- Track 4-4: Cut the Emission Sources in Paper and Pulp Making
- Track 4-5: Emission Reduction in Food Processing
- Track 4-6: Emission Reduction in Chemical Industries
- Track 4-7: Low Carbon IT Industries
- Track 4-8: Low Carbon Strategies for Electronic Industries
- Track 4-9: Low Carbon Process for Ship Industries
- Track 4-10: Low Carbon Process for Building Materials
- Track 4-11: Low Carbon Process for Waste Treatment
- Track 4-12: Low Carbon Process for Defense and Aerospace
- Track 4-13: Low Carbon Process for Industrial Machinery
- Track 4-14: Low Carbon Strategies for Road Construction
- Track 4-15: Low Carbon Process for Consumer Goods

Forum 5: Implementation of Low Carbon Industries- Tertiary Sector

Track 5-1: Reform Retail Stores with high efficiency lighting

- Track 5-2: Impact of Fuel Efficiency of Transportation on Carbon Emission
- Track 5-3: Emission Reduction from Road Transportation
- Track 5-4: Emission Reduction from Ocean Transportation
- Track 5-5: Emission Reduction from Tuck Transportation
- Track 5-6: Emission Reduction from Rail Transportation
- Track 5-7: Emission Reduction from Air Transportation
- Forum 6:Clean Sciences and Technology for Traditional Energy & Sustainable Industries
- Track 6-1: Decarbonizing Traditional Energy and Carbon Process Management (CPM)
- Track 6-2: Cleantech for Oil & Gas Cleantech-
- Track 6-3: Clean Coal Technologies
- Track 6-4: Cleantech for Removing Radioactive waste
- Track 6-5: Green Chemical Industry
- Track 6-6: Low Carbon Electronics and Consumer Products
- Track 6-7: Waste Bioremediation with Low Emissions
- Forum 7: Low Carbon Green Architecture
- Track 7-1: Green Buildings and Low Energy Architecture (LEA)
- Track 7-2: Green Residential Design & Building
- Track 7-3: New & Innovative Technologies for Green Building
- Track 7-4: Interior Environments & Systems for Green Build and LEA
- Track 7-5: GreenBuilding Practices and Renewable Energy
- Track 7-6: Green Building Rating Systems
- Track 7-7: Energy-saving Green Building
- Track 7-8: Novel Low Energy Construction Materials
- Track 7-9: Low Energy Appliances for Green Homes
- Track 7-10: Low Carbon Green Architecture Case Studies

From:	Ms.Elsa Lee
To:	Berg, Katie
Subject:	511-Resend: Call for Speakers at Annual World Congress of Greentech (Greentech-2012)
Date:	Monday, June 04, 2012 2:11:36 AM
Importance:	High

Low Carbon Earth Summit 2012

(Five Concurrent Events—Greentech)

Time: Oct.19-21, 2012 Venue: Guangzhou, China Website: <u>http://www.bitcongress.com/Greentech2012</u>

Dear Katie Berg,

BIT Congress is proud to launch BIT's 1st Annual World Congress of Greentech (Greentech-2012), which will be held from October 19 to October 26, 2012 in Guangzhou, China. This is an invitation for you to join us this congress, please consider presenting as a speaker in Track 3-4:Carbon Control Issues for Forestry Operations and Wood Economy under the Forum 3:Implementation of Low Carbon Industries- Primary Sector, sharing your expertise in practical knowledge and latest technology, and/or being an active participant.

As you know, we have got overwhelming replies from all over the world. Followings are parts of the famous experts who would like to share experiences in this event:

- Dr. Rajiv Shah, Administrator, U.S Agency for International Development (USAID), USA
- Mr. Barry Gardiner, Vice President, GLOBE International, UK
- Mr. Brice Lalonde, Former Minister, Minister for the Environment, France
- Dr. Botaro Hirosaki, Senior Executive Vice President, NEC, Japan
- Ms. Connie Hedegaard, first ever Commissioner for Climate Action, European Commission, Danmark
- Dr. Mohamed Shareef, State Minister, Housing and Environment, Maldives
- Mr. Franzjosef Schafhausen, Deputy Director General, Federal Ministry of the Environment, Germany
- Dr. Andrew Brown, Executive Director & Chief Technologist, Delphi Diesel Systems, United Kingdom
- Mr. Georg Kell, Executive Director, United Nations Global Compact, Germany

Ms. Hanna Trojanowska, Government Commissioner for Nuclear Power; Undersecretary of State, Ministry of Economy, Poland

Mr. Hon Tom Koutsantonis, MP, Minister for Mineral Resources and Energy, Government of South Australia, Australia

- Dr. Wolfgang Gerhardt, Senior Vice President, BASF AG, Germany
- Dr. Jim Weinbauer, Vice President Sustainability Environment, AECOM, USA
- Dr. John Leazer, Director, U.S. Environmental Protection Agency, USA
- Dr. Karen Leibovici, Vice President, Federation of Canadian Municipalities, Canada
- Ms. Kati Ihamaki, Vice President, Finnair, Finland
- Ms. Lisa Hopkins, CTO, IBM Global Business Services, USA
- Mr. Scott McGregor, CEO, Camco, UK
- Mr. Tony McGuirk, Chairman, BDP, UK
- Ms. Vesile Kulacoglu, Director, the World Trade Organisation (WTO), Switzerland
- Dr. Andrew Scott, Professor, Massachusetts Institute of Technology, USA
- Dr. Manijeh Razeghi, Professor, Northwestern University, USA
- Dr. Marilyn A. Brown, Professor, Georgia Institute of Technology, USA
- Dr. Terry L. Root, Professor, Stanford University, USA

Please seize this wonderful opportunity and feel free to participate actively in all areas of the

conference, I feel confident that you will enjoy both of the scientific program and the fine, traditional city of Guangzhou.

To facilitate us to know your further interest, we appreciate your advices on:

- 1. Focused session and speech titles.
- 2. What's your opinion to be the session chair/moderator?

Further info about the program, please visit is available at http://www.bitcongress.com/Greentech2012/fullprogram.asp

If it is not of interest to you, please disregard and we apologize for any inconvenience this may have caused. To prevent further emails, please go to <u>http://www.bitcongress.com/Unsubscribe.asp</u>

Sincerely, Ms. Elsa Lee Organizing Committee of LCES 2012 East Wing, 11F, Dalian Ascendas IT Park No. 1 Hui Xian Yuan, Dalian Hi-tech Industrial Zone LN 116025, P.R.China Tel: (b) (6) Fax: (b) (6) Email: (b) (6)

From:	Dragisic, Christine D
To:	Notman, Evan (EGAT/ESP/GCC); Zerbock, Olaf (EGAT/NRM/F); Yoffe, Shira -FS; Melissa Weitz; Berg, Katie;
	Lawrence Sperling; Emily Kilcrease; David Downes; Eric Wilson; Kolker, Anne K; Artusio, Christo E; Barber,
	Charles V; Karr-Colque, Catherine J (OES); Shaw, Ellen M; Milton, Kathleen M
Cc:	Verdieck, John D
Subject:	Capacity building for IPs/ NGOs
Date:	Friday, April 06, 2012 11:03:43 AM

Hello everyone,

At the recent Forest Carbon Partnership Facility it was agreed all Participants would send in information on any capacity building programs for indigenous peoples and Southern NGOs they may be aware of that might be relevant to REDD+. This information will be made available on the website as a resource for these groups, and may also help guide how the FCPF allocates its own capacity building resources for these groups. Could you sound out your networks and send me any information you might have on programs the USG, or other groups, might be implementing? It can be very quick:

- * Name of program
- * Funding/ Implementing group
- * One sentence description
- * Link to webpage, if any

Thanks much!

Chris

Christine Dragisic

Department of State

Office of Global Change (OES/EGC)

Bureau of Oceans and International Environmental and Scientific Affairs

2201 C St NW, Room 2480

Washington, DC 20520

(b) (6)

DragisicCD@state.gov < mailto:RichterJE@state.gov >

This email is UNCLASSIFIED.

From:	Berg, Katie
То:	<u>"VerdieckJD@state.gov";</u> <u>"dragisiccd@state.gov"</u>
Subject:	Clearance for today"s EDF meeting
Date:	Friday, April 20, 2012 8:34:09 AM

Guys, I forgot to send you my clearance info earlier. Hope it's not too late. Sorry!

Katie

Catherine Berg



From: Verdieck, John D [mailto:VerdieckJD@state.gov]
Sent: Tuesday, April 17, 2012 02:54 PM
To: Shira Yoffe < (b) (6) fed.us>; Berg, Katie; Kelly, Alexia C <KellyAC@state.gov>; Dragisic, Christine D <DragisicCD@state.gov>; Notman, Evan (EGAT/ESP/GCC) <enotman@usaid.gov>
Subject: FW: Revised Agenda and Draft Report for Consultation on Approaches to Address Non-Permanence (World Bank, April 24):

In case any of you did not receive this.

This email is UNCLASSIFIED.

From: (b) (6) @worldbank.org [mailto:(b) (6) @worldbank.org]
Sent: Monday, April 16, 2012 6:39 PM
Cc: (b) (6) @worldbank.org; (b) (6) @worldbank.org; (b) (6) @worldbank.org
Subject: Revised Agenda and Draft Report for Consultation on Approaches to Address Non-Permanence (World Bank, April 24):

Dear Participants,

We look forward to your participation in the follow-up consultation on approaches to address nonpermanence in land use, land-use change and forestry activities, which will take place on April 24th (8:00 am - 4:00 pm).

Please find attached a revised agenda, noting the location and time change. The meeting will be held at the **World Bank J Building**, which is located at 701 18th Street (see attached map).

Also attached for your review is the draft report of the options analysis undertaken by the Nicholas Institute.

Please do not hesitate to get in touch with any questions in advance of the consultation.

Best regards,

(See attached file: Agenda_Non-Permanence_04-16-2012.pdf)(See attached file: Bankmap_J-Building.pdf)(See attached file: NI_PermanenceRevisedFinal_Apr3_distrib.docx)

David Burns BioCarbon Fund Carbon Finance Unit - The World Bank (b) (6) @worldbank.org www.biocarbonfund.org Hi Katie,

it was very nice talking with you over lunch. I attach the material WWF gave me for reading on forest bonds. Still have to read it and understand it myself. Once I have some first idea write-up of the various ideas, i will share.

Have a nice weekend and keep in touch!

Best, Andrea

http://wwf.panda.org/what we do/footprint/climate carbon energy/forest climate/publications/? 201251/Unlocking-forest-bonds

Thanks John!

From: Verdieck, John D [mailto:VerdieckJD@state.gov] Sent: Thursday, June 14, 2012 03:51 PM To: Berg, Katie Subject: FW: Visa for travel to Colombia June 23-July 3

Hey Katie, here is the instructions on how to get your visa letter from our Colombia Desk Officer Zachary Bedard. Just email him the following info and he can have a letter drafted up for you to take to the embassy.

BedardZL@state.gov

This email is UNCLASSIFIED. < /span>

From: Bedard, Zachary L
Sent: Friday, June 01, 2012 9:22 AM
To: Verdieck, John D
Subject: RE: Visa for travel to Colombia June 23-July 3

Good morning,

I can assist with your visas. To generate a visa request letter for you, the only other information that I need is the date of birth and diplomatic passport date of expiration for both of you. Also, p lease find attached the visa application form that you will each need to complete and submit with the visa request letter.

Please note that the **letter** should be delivered to the Colombian Embassy with your **diplomatic passports**, the **completed visa applications** (attached), and **two passport photos** (<u>one pasted to</u> <u>the visa application, one paper clipped to the passport, and both cut to the appropriate size</u>). The Embassy is open for visa processing between <u>9:30 and 11:30 AM</u>, Monday through Thursday, and is located at 2118 Leroy Place, NW (north of Dupont Circle, just off Connecticut Ave). Visas usually take 2-3 days to process.

Please let me know if you have any other questions in the mean time.

Thank you,

Zachary

Zachary L. Bedard Human Rights Vetting Officer U.S. Department of State Office of Andean Affairs (WHA/AND) PRO-telligent, Inc. (b)(6)

BedardZL@state.gov

This email is UNCLASSIFIED.

From: Verdieck, John DSent: Friday, June 01, 2012 9:09 AMTo: WHA-Colombia Desk OfficersSubject: Visa for travel to Colombia June 23-July 3

Hello all, per Ann's out of office email.

Chris Dragisic and I will be traveling to Santa Marta, Colombia for two back to back meetings coordinated by the World Bank: the Forest Carbon Partnership Facility (June 24-30) and the REDD Plus Partnership (July 1-2). We will arrive in Colombia on June 23 and depart on July 3. Could you please help us with a letter for a visa?

Thanks, John </o:p> John Verdieck U.S. Department of State Office of Global Change (OES/EGC) (b)(6)

VerdieckJD@state.gov

Privacy/PII This email is UNCLASSIFIED.

Thanks Zachary!

From: Bedard, Zachary L [mailto:BedardZL@state.gov] Sent: Tuesday, June 19, 2012 11:05 AM To: Berg, Katie Subject: RE: Visa for travel to Colombia June 30-July 3

Good morning Katie,

Attached, please find your official visa request letter for your upcoming trip to Colombia. Please note that the **visa request letter**, the **visa application form** (also attached), your **official passport**, and **two passport photos** (one pasted to the application form, one clipped to the passport, and both cut to the appropriate size as indicated on the application form) should be delivered to the Colombian Embassy which is located at 2118 Leroy Place, NW (near Dupont Circle). The Embassy is open for visa processing between 9:30-11:30 AM Mondays through Thursdays. Visa processing typically takes 2-3 days.

Please let me know if you have any other questions or require any further assistance. I hope that your trip goes very well!

Thank you and have a good day,

Zachary

Zachary L. Bedard Human Rights Vetting Officer U.S. Department of State Office of Andean Affairs (WHA/AND) PRO-telligent, Inc. (b)(6) BedardZL@state.gov

This email is UNCLASSIFIED.

From: <u>Katie.Berg@treasury.gov</u> [mailto:Katie.Berg@treasury.gov] Sent: Monday, June 18, 2012 4:36 PM To: Bedard, Zachary L Subject: FW: Visa for travel to Colombia June 30-July 3

Hi Zachary,

Thanks again for your help with this. Here's my information:



Thanks again!

Katie

From: Verdieck, John D [mailto:VerdieckJD@state.gov]
Sent: Thursday, June 14, 2012 3:51 PM
To: Berg, Katie
Subject: FW: Visa for travel to Colombia June 23-July 3

Hey Katie, here is the instructions on how to get your visa letter from our Colombia Desk Officer Zachary Bedard. Just email him the following info and he can have a letter drafted up for you to take to the embassy.

BedardZL@state.gov

This email is UNCLASSIFIED. < /span>

From: Bedard, Zachary L
Sent: Friday, June 01, 2012 9:22 AM
To: Verdieck, John D
Subject: RE: Visa for travel to Colombia June 23-July 3

Good morning,

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Please let me know if you have any other questions in the mean time.

Thank you,

Zachary

Zachary L. Bedard Human Rights Vetting Officer U.S. Department of State Office of Andean Affairs (WHA/AND) PRO-telligent, Inc. (b)(6) BedardZL@state.gov

This email is UNCLASSIFIED.

From: Verdieck, John DSent: Friday, June 01, 2012 9:09 AMTo: WHA-Colombia Desk OfficersSubject: Visa for travel to Colombia June 23-July 3

Hello all, per Ann's out of office email.

Chris Dragisic and I will be traveling to Santa Marta, Colombia for two back to back meetings coordinated by the World Bank: the Forest Carbon Partnership Facility (June 24-30) and the REDD Plus Partnership (July 1-2). We will arrive in Colombia on June 23 and depart on July 3. Could you please help us with a letter for a visa?

Thanks, John < /o:p> John Verdieck U.S. Department of State Office of Global Change (OES/EGC) (b)(6) VerdieckJD@state.gov

Privacy/PII This email is UNCLASSIFIED.

From:	Barber, Charles V
То:	Grimes, Alicia (EGAT/NRM/F); Melnyk, Mary (ME/TS); Oliver, David; Yang, Leslie; Spelman, Brooke; Chun, Sara
	LM; Berg. Katie
Cc:	Shaw, Ellen M; Caton, Margaret S; Mackie, Cynthia -FS; (b) .fed.us; (b) (6) fed.us
Subject:	SAVE THE DATE: Meeting with TNC Asia Team Friday March 2nd, 9-12 @ USFS-IP (Franklin Court 14th and K
	Streets)
Date:	Wednesday, February 15, 2012 11:52:31 AM

Colleagues:

A good team from The Nature Conservancy's Asia bench will be in town the week of February 27 - March 2. These include:

* Lex Hovani - senior forest specialist, based in Jakarta and working primarily on Berau Forest Carbon Partnership

- * Wahjudi Wardojo senior Indonesia forest policy specialist, based in Jakarta
- * Francis Hurahura PNG forest program director, based in Pt. Moresby
- * Andrew Ingles Regional forest program director, Asia Pacific, based in Brisbane

* Jack Hurd - Deputy Director, Asia Pacific Region, based in Washington State

* Emily Tibbott - Director of US Relations for Asia Pacific, based in DC

We are organizing a meeting on Friday March 2nd with the team. It will cover general Asia-Pacific forest issues, and more specifics on China, Indonesia and Papua New Guinea. We will try to organize it so that those who might be interested in only one segment can come for part of the time. A detailed agenda will follow in a bit.

Please share with colleagues (State/EAP and USAID/Asia, please pass on to relevant desk officers for Papua New Guinea and, in USAID's case, Indonesia).

Thanks,

Chip

Charles V. Barber Forest Division Chief Ecology and Conservation Office (OES/ENC) Oceans, Environment and Science Bureau U.S. Department of State (b)(6) (b)(6) Email: barbercv@state.gov

This email is UNCLASSIFIED.

From:	(b) (6) <u>@worldbank.org</u>
To:	Berg, Katie
Subject:	AUTO: Duangrat Laohapakakul is out of the office (returning 08/27/2012 09:00 AM)
Date:	Monday, August 20, 2012 3:57:32 PM

I am out of the office from 08/10/2012 06:00 PM until 08/27/2012 09:00 AM.

I will respond to your email upon my return. Should you need urgent assistance, please contact my colleague, Jayne Dzowela (ext. (b) (6)), to help direct your inquiry.

Note: This is an automated response to your message RE: Approval by Mail: Mexico: Financing Low Carbon Strategies in Forest Landscapes (IDB) - Project ID XFIPMX008A sent on 08/20/2012 03:57:13 PM.

I am out of the office until 09/05/2012.

I will be out of the office on leave starting August 20 and returning on September 5. You may call the office and someone will assist you. Many thanks.

Note: This is an automated response to your message RE: Approval by Mail: Mexico: Financing Low Carbon Strategies in Forest Landscapes (IDB) - Project ID XFIPMX008A sent on 08/20/2012 03:57:13 PM.

From:	(b) (6) <u>@worldbank.org</u>
To:	Berg, Katie
Subject:	AUTO: Taru Bhargava/Person/World Bank is out of the office. (returning 08/22/2012)
Date:	Monday, August 20, 2012 3:58:22 PM

I am out of the office until 08/22/2012.

Note: This is an automated response to your message RE: Approval by Mail: Mexico: Financing Low Carbon Strategies in Forest Landscapes (IDB) - Project ID XFIPMX008A sent on 08/20/2012 03:57:13 PM.

From:	(b) (6) <u>@worldbank.org</u>
To:	Berg, Katie
Subject:	AUTO: Ximena Talero is out of the office (returning 08/27/2012)
Date:	Monday, August 20, 2012 3:58:23 PM

I am out of the office until 08/27/2012.

During this time, the following colleagues will be acting on my behalf as LEGCF chief counsel:

July 27 to August 3: Susan Maslen August 6 to August 10: Maria Lourdes Pardo August 13 to August 16: Susan Maslen August 17 to August 21: Pilar Gonzalez August 22 to August 25: Rocio Malpic

Note: This is an automated response to your message RE: Approval by Mail: Mexico: Financing Low Carbon Strategies in Forest Landscapes (IDB) - Project ID XFIPMX008A sent on 08/20/2012 03:57:13 PM.

From:	MWANGI, ALBERT
To:	Berg, Katie
Subject:	Automatic reply: Approval by Mail: Mexico: Financing Low Carbon Strategies in Forest Landscapes (IDB) - Project ID XFIPMX008A
Date:	Monday, August 20, 2012 3:57:45 PM

I am away on mission and I will revert to you as soon as I can. For urgent matters, please contact Ms. Josiane Gnali (e-mail: (b) (6) @afdb.org), OSAN.4 Secretariat,Tel. (b) (6) .

From:	Diane Barclay
To:	Berg, Katie
Subject:	Automatic reply: Approval by Mail: Mexico: Financing Low Carbon Strategies in Forest Landscapes (IDB) - Project ID XFIPMX008A
Date:	Monday, August 20, 2012 3:58:19 PM

Thank you for your email. I will be out of the office on 20 August 2012. Please contact (b) (6) @ausaid.gov.au if you need a response. Otherwise I will respond to your email when I am back in the office. Kind regards Diane

From:	DUARTE, MAFALDA
To:	Berg, Katie
Subject:	Automatic reply: Approval by Mail: Mexico: Financing Low Carbon Strategies in Forest Landscapes (IDB) - Project ID XFIPMX008A
Date:	Thursday, August 23, 2012 11:24:05 AM

I am out of office from 22nd to 24th of August and will only be responding to urgent e-mails.

Please contact Amel Abed at (b) (6) @afdb.org for any immediate assistance.

From:	Diane Barclay
To:	Berg, Katie
Subject:	Automatic reply: Approval by Mail: Mexico: Financing Low Carbon Strategies in Forest Landscapes (IDB) - Project ID XFIPMX008A
Date:	Thursday, August 23, 2012 11:24:06 AM

Thank you for your email. I will be out of the office until 24 August 2012. Please contact (b) (6) @ausaid.gov.au if you need a response. Otherwise I will respond to your email when I am back in the office. Kind regards Diane

From:	Bodnar, Paul
To:	Berg, Katie
Subject:	Automatic reply: FW: carbon markets question
Date:	Wednesday, September 19, 2012 12:36:40 PM

I am on official travel and will not respond to emails regularly. I return to the office on October 8th.

Look ok?

From: Berg, Katie Sent: Tuesday, September 04, 2012 10:20 AM To: Berg, Katie Subject:

Dear Patricia,

We would like to thank the IDB and the Government of Mexico for their responses to our questions about the Financing Low Carbon Strategies in Forest Landscapes project. The US approves the proposed decision allocating FIP funding to the project. Going forward, we would appreciate updates on how the project is being implemented to demonstrate a replicable, scalable approach that will be viable in the absence of FIP funds.

In addition, for projects coming forward in the future, we would like to reiterate the need to address clearly the rationale for FIP funding and adherence to FIP investment criteria.

Thank you,

Katie Berg

Hi Kate,

FYI. I've asked WWF for some background. Is this the same problem you talked to Telepak about back in the spring?

From: Berg, Katie Sent: Thursday, January 26, 2012 3:03 PM To: Ng, Ginny; 'Brenes, Esteban' Subject:

Did you see this EIA story on West Kutai? What's the deal?

On the front line: Muara Tae's last stand against big palm oil

January 24, 2012

Dayak community under assault from invading palm oil companies

MUARA TAE, EAST KALIMANTAN: The fate of a Dayak community deep in the interior of East Kalimantan demonstrates how Indonesia must safeguard the rights of indigenous people if it is to meet ambitious targets to reduce emissions from deforestation.

The Dayak Benuaq of Muara Tae, in West Kutai Kabupaten, today face a two-pronged assault from palm oil companies aggressively expanding into their ancestral forests. Together with Indonesian NGO Telapak, the community is manning a forest outpost around the clock in a last ditch attempt to save it from destruction.

The London-based Environmental Investigation Agency (EIA) has witnessed at first-hand the Dayak Benuaq's struggle, and how their sustainable use of forests could help Indonesia deliver on its ambitious targets to reduce greenhouse gas emissions.

EIA Forests Team Leader Faith Doherty said: "There are more than 800 families in Muara Tae relying on the forests for their food, water, medicine, culture and identity. Put simply, they have to keep this forest in order to survive.

"The rhetoric from the President of Indonesia on curbing emissions by reducing deforestation is strong but on the front line, where indigenous communities are putting their lives at risk to protect forests, action is sorely missing.

"Giving these communities, such as the Dayak Benuaq, the rights they deserve is a vital step to reduce catastrophic levels of deforestation in Indonesia."

President Yudhoyono has pledged to reduce carbon emissions across the archipelago by 26 per cent by 2020 against a business-as-usual baseline, alongside delivering substantial economic growth.

Plantation expansion will inevitably be a significant element of growth, but it has historically been a major driver of emissions and it is widely acknowledged that in order avoid them, expansion must now be directed to 'degraded' lands.

As a result of weak spatial planning, however, the forests of Muara Tae are identified as 'APL', a designation meaning they are not part of the national forest area and are open to exploitation. The theft of indigenous forests also raises serious questions as to what form of 'development' these plantations offer.

In indigenous communities such as the Dayak Benuaq of Muara Tae, Indonesia has perhaps its most valuable forest resource. It is due to their sustainable methods, honed over generations, that the forest even remains.

Telapak president Ambrosius Ruwindrijarto said: "Together with the community, we have not only been protecting the last forests but also planting new Ulin and Meranti saplings to enhance it. These people are the true guardians of the forest and their fate is entwined with it."

Muara Tae has lost more than half of its land and forests during the past 20 years to mining companies. The impact has been tangible; the villagers' water source has dried up and they must now routinely make a 1km journey to collect clean water.

The remaining forest is home to a large number of bird species including hornbills, the emblem of Borneo. There are about 20 species of reptiles and it is also a habitat for both proboscis monkeys and honey bears.

The latest land-grabs have taken place since January 2010, when the local Bupati (regional government official), Ismail Thomas, issued plantation permits to two palm oil companies: Malaysian-owned PT Munte Waniq Jaya Perkasa (PT MWJP) and PT Borneo Surya Mining Jaya, a subsidiary of Sumatran logging, mining and plantation conglomerate Surya Dumai.

While the Norwegian Government has been instrumental in financially backing efforts to reduce deforestation in Indonesia through the REDD+ initiative, it has also invested in the parent company of PT MWJP through its sovereign wealth fund.

Pak Singko, a leader of the Dayak Benuaq of Muara Tae, said: "We are calling for help from people everywhere in protecting our forests and ancestral land. We are being squeezed from all sides by mining and plantation companies.

"This is the last remaining forests that we have and the only land we have to survive. If my forests are gone, our lives will end."

From:	Berg, Katie
To:	(b) (6) @gmail.com"
Subject:	FW: Climate Change Job Vacancies Update - 22 March 2012 - Climate Change Policy & Practice
Date:	Thursday, March 22, 2012 4:15:00 PM

-----Original Message-----From: Urbanas, Elizabeth (Beth) Sent: Thursday, March 22, 2012 3:47 PM To: Berg, Katie Subject: Fw: Climate Change Job Vacancies Update - 22 March 2012 - Climate Change Policy & Practice

----- Original Message -----From: IISD Reporting Services [mailto:iisd-rs@iisd.org] Sent: Thursday, March 22, 2012 03:36 PM To: Urbanas, Elizabeth (Beth) Subject: Climate Change Job Vacancies Update - 22 March 2012 - Climate Change Policy & Practice

Climate Change Job Vacancies Update - 22 March 2012

Having trouble viewing this email? Please try our Browser Version. http://climate-l.iisd.org/climate-change-job-vacancies-update/2012-03-22/

A weekly compilation of job announcements recently posted to the Climate Change Policy & Practice jobs listing from our CLIMATE-L community subscribers

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Latest Climate Change Job Vacancies - 22 March 2012 Associate Budget Officer (P2), Administrative Services Programme, UNFCCC

Organization: United Nations Framework Convention on Climate Change (UNFCCC) Position: Associate Budget Officer (P2) - Administrative Services Programme Duty Station: Bonn (Nordrhein-Westfalen), Germany Deadline for Application: 24 March 2012

http://climate-l.iisd.org/jobs/associate-budget-officer-p2-administrative-services-programme-unfccc/

Programme Officer, project "CD-REDD II", Coalition for Rainforest Nations

Organization: Coalition for Rainforest Nations Position: Programme Officer - project "CD-REDD II" Duty Station: Rome (Lazio), Italy Deadline for Application: 25 March 2012 http://climate-l.iisd.org/jobs/programme-officer-project-%e2%80%9ccd-redd-ii%e2%80%9d-coalitionfor-rainforest-nations/

Project Manager, MCII/UNU-EHS

Organization: Munich Climate Insurance Initiative hosted at the United Nations University Institute for Environment and Security (MCII/UNU-EHS) Position: Project Manager Duty Station: Bonn (Nordrhein-Westfalen), Germany Deadline for Application: 25 March 2012

http://climate-l.iisd.org/jobs/project-manager-mciiunu-ehs/

Social scientist and project coordinator, Gola Forest Programme, RSPB

Organization: RSPB Position: Social scientist and project coordinator - Gola Forest Programme Duty Station: Kenema, Sierra Leone Deadline for Application: 27 March 2012

http://climate-l.iisd.org/jobs/social-scientist-and-project-coordinator-gola-forest-programme-rspb/

Senior Program Officer, Verified Carbon Standard Association

Organization: Verified Carbon Standard Association Position: Senior Program Officer Duty Station: Washington (District of Columbia), United States of America Deadline for Application: 30 March 2012

http://climate-l.iisd.org/jobs/senior-program-officer-verified-carbon-standard-association/

Executive Assistant to CEO, First Climate

Organization: First Climate Position: Executive Assistant to CEO Duty Station: Bad Vilbel (Hessen), Germany Deadline for Application: 30 March 2012

http://climate-l.iisd.org/jobs/executive-assistant-to-ceo-first-climate/

Climate Change Experts, DAI

Organization: DAI Position: Climate Change Experts Duty Station: Hanoi (Ha Noi), Viet Nam Deadline for Application: 30 March 2012

http://climate-l.iisd.org/jobs/climate-change-experts-dai/

Post-doctoral Research Fellow, IEMP (UNEP/CAS)

Organization: International Ecosystem Management Partnership (IEMP (UNEP/CAS)) Position: Post-doctoral Research Fellow Duty Station: Beijing (Beijing), China Deadline for Application: 31 March 2012

http://climate-l.iisd.org/jobs/post-doctoral-research-fellow-iemp-unepcas/

Campaigns and Programme Communications Manager, WWF-HK

Organization: World Wildlife Fund Hong Kong (WWF-HK) Position: Campaigns and Programme Communications Manager Duty Station: Hong Kong (Hong Kong (Sar)), China Deadline for Application: 31 March 2012

http://climate-l.iisd.org/jobs/campaigns-and-programme-communications-manager-wwf-hk/

Social Scientist / Adaptation Specialist, World Agroforestry Centre

Organization: World Agroforestry Centre Position: Social Scientist / Adaptation Specialist Duty Station: Nairobi (Nairobi Area), Kenya Deadline for Application: 31 March 2012

http://climate-l.iisd.org/jobs/social-scientist-adaptation-specialist-world-agroforestry-centre/

Associate Information Technology Officer, P-2, Information Technology Services programme, UNFCCC

Organization: United Nations Framework Convention on Climate Change (UNFCCC) Position: Associate Information Technology Officer, P-2 - Information Technology Services programme Duty Station: Bonn (Nordrhein-Westfalen), Germany Deadline for Application: 4 April 2012

<u>http://climate-l.iisd.org/jobs/associate-information-technology-officer-p-2-information-technology-services-programme-unfccc/</u>

Agriculture and Climate Policy Analyst, Indonesia, IPAM-IP

Agriculture and climate rolicy Analyst, moonesia, if Alvi-fi

Organization: Amazon Environmental Research Institute (IPAM-IP) Position: Agriculture and Climate Policy Analyst - Indonesia Duty Station: Indonesia Deadline for Application: 7 April 2012

http://climate-I.iisd.org/jobs/agriculture-and-climate-policy-analyst-indonesia-ipam-ip/ Information Systems Officer, P-3, Information Technology Services programme, UNFCCC

Organization: United Nations Framework Convention on Climate Change (UNFCCC) Position: Information Systems Officer, P-3 - Information Technology Services programme Duty Station: Bonn (Nordrhein-Westfalen), Germany Deadline for Application: 7 April 2012

<u>http://climate-l.iisd.org/jobs/information-systems-officer-p-3-information-technology-services-programme-unfccc/</u>

International Consultant on developing the proposal for two NAMAs on energy efficiency and renewable energy sources for the Republic of Kazakhstan, EE Unit, UNEP/MEP, UNDP in Kazakhstan

Organization: UNDP in Kazakhstan

Position: International Consultant on developing the proposal for two NAMAs on energy efficiency and renewable energy sources for the Republic of Kazakhstan - EE Unit, UNEP/MEP Duty Station: home-based with up to two field missions to Almaty/Astana, Kazakhstan Deadline for Application: 9 April 2012

http://climate-l.iisd.org/jobs/international-consultant-on-developing-the-proposal-for-two-namas-onenergy-efficiency-and-renewable-energy-sources-for-the-republic-of-kazakhstan-ee-unit-unepmepundp-in-kazakhstan/

Associate Information Systems Officer, P-2 (Systems Support), Information Technology Services programme, UNFCCC

Organization: United Nations Framework Convention on Climate Change (UNFCCC) Position: Associate Information Systems Officer, P-2 (Systems Support) - Information Technology Services programme Duty Station: Bonn (Nordrhein-Westfalen), Germany Deadline for Application: 10 April 2012

http://climate-l.iisd.org/jobs/associate-information-systems-officer-p-2-systems-support-informationtechnology-services-programme-unfccc/

Coordinator, D-1, Communications and Knowledge Management Services (CKMS) program, UNFCCC

Organization: United Nations Framework Convention on Climate Change (UNFCCC) Position: Coordinator, D-1 - Communications and Knowledge Management Services (CKMS) program Duty Station: Bonn (Nordrhein-Westfalen), Germany Deadline for Application: 12 April 2012

http://climate-l.iisd.org/jobs/coordinator-d-1-communications-and-knowledge-management-servicesckms-program-unfccc/

GHG Auditor, North America, ERM Certification and Verification Services Ltd

Organization: ERM Certification and Verification Services Ltd Position: GHG Auditor - North America Duty Station: Flexible, North America Deadline for Application: 15 April 2012

http://climate-l.iisd.org/jobs/ghg-auditor-north-america-erm-certification-and-verification-services-ltd/

Technical Programme Director, CDKN Africa, CDKN

Organization: Climate and Development Knowledge Network (CDKN) Position: Technical Programme Director - CDKN Africa Duty Station: Cape Town (Western Cape), South Africa Deadline for Application: 23 April 2012

http://climate-l.iisd.org/jobs/technical-programme-director-cdkn-africa-cdkn/

Senior Consultant, Climate Change & Sustainability Practice, KPMG

Organization: KPMG Position: Senior Consultant - Climate Change & Sustainability Practice Duty Station: San Francisco (California), United States of America Deadline for Application: 30 April 2012

http://climate-l.iisd.org/jobs/senior-consultant-climate-change-sustainability-practice-kpmg/

Climate Change Adaptation and REDD+ Technical Specialists (LAC), Tetra Tech ARD

Organization: Tetra Tech ARD Position: Climate Change Adaptation and REDD+ Technical Specialists (LAC) Duty Station: Latin America and the Caribbean Deadline for Application: 31 May 2012

http://climate-l.iisd.org/jobs/climate-change-adaptation-and-redd-technical-specialists-lac-tetra-techard/

Climate Change Adaptation and REDD+ Technical Specialists (SEA), Tetra Tech ARD

Organization: Tetra Tech ARD Position: Climate Change Adaptation and REDD+ Technical Specialists (SEA) Duty Station: South east Asia Deadline for Application: 31 May 2012

http://climate-l.iisd.org/jobs/climate-change-adaptation-and-redd-technical-specialists-sea-tetra-techard/

Fulbright Scholar, Fulbright NEXUS Regional Scholar Program

Organization: Fulbright NEXUS Regional Scholar Program Position: Fulbright Scholar Duty Station: Latin America, the Caribbean or Canada Deadline for Application: 15 June 2012

http://climate-l.iisd.org/jobs/fulbright-scholar-fulbright-nexus-regional-scholar-program/

Senior Manager, Climate Change and Environment, AECOM International Development

Organization: AECOM International Development Position: Senior Manager - Climate Change and Environment Duty Station: Arlington (Virginia), United States of America Deadline for Application: 29 June 2012

http://climate-l.iisd.org/jobs/senior-manager-climate-change-and-environment-aecom-internationaldevelopment/

Advisory – specialist in Biodiversity/Sustainability, Climate Change and Sustainability Practice - Australia, KPMG

Organization: KPMG

Position: Advisory – specialist in Biodiversity/Sustainability - Climate Change and Sustainability Practice - Australia

Duty Station: Melbourne (Victoria), Australia | Sydney (New South Wales), Perth (Western Australia) Deadline for Application: until suitable applicant is found

http://climate-l.iisd.org/jobs/advisory-%e2%80%93-specialist-in-biodiversitysustainability-climate-

change-and-sustainability-practice-australia-kpmg/

Advisory – Carbon/Water engineers, Climate Change and Sustainability Practice - Australia, KPMG

Organization: KPMG

Position: Advisory – Carbon/Water engineers - Climate Change and Sustainability Practice - Australia Duty Station: Melbourne (Victoria), Australia | Sydney (New South Wales), Perth (Western Australia) Deadline for Application: until suitable applicant is found

http://climate-l.iisd.org/jobs/advisory-%e2%80%93-carbonwater-engineers-climate-change-andsustainability-practice-australia-kpmg/

Advisory – GHG Reporting, Carbon Price and ETS Regulations, Climate Change and Sustainability Practice - Australia, KPMG

Organization: KPMG Position: Advisory – GHG Reporting, Carbon Price and ETS Regulations - Climate Change and Sustainability Practice - Australia Duty Station: Melbourne (Victoria), Australia | Sydney (New South Wales) Deadline for Application: until suitable applicant is found

http://climate-l.iisd.org/jobs/advisory-%e2%80%93-ghg-reporting-carbon-price-and-ets-regulationsclimate-change-and-sustainability-practice-australia-kpmg/

Senior Manager/Associate Director, Climate Change & Sustainability Practice, KPMG

Organization: KPMG

Position: Senior Manager/Associate Director - Climate Change & Sustainability Practice Duty Station: Brisbane (Queensland), Australia Deadline for Application: until suitable applicant is found

http://climate-l.iisd.org/jobs/senior-managerassociate-director-climate-change-sustainability-practicekpmg/

OHS Specialist (Senior Manager/Associate Director), Climate Change and Sustainability Practice - Australia, KPMG Australia

Organization: KPMG Australia Position: OHS Specialist (Senior Manager/Associate Director) - Climate Change and Sustainability Practice - Australia Duty Station: Melbourne (Victoria), Australia Deadline for Application: until suitable applicant is found

http://climate-l.iisd.org/jobs/ohs-specialist-senior-managerassociate-director-climate-change-andsustainability-practice-australia-kpmg-australia/

Director of Development, Climate Economics Chair

Organization: Climate Economics Chair Position: Director of Development Duty Station: Paris (Ile-De-France), France Deadline for Application: until suitable applicant is found

http://climate-l.iisd.org/jobs/director-of-development-climate-economics-chair/

Climate Change Negotiator - Adaptation, Office of Global Change, U.S. Department of State

Organization: U.S. Department of State Position: Climate Change Negotiator - Adaptation - Office of Global Change Duty Station: Washington (District of Columbia), United States of America Deadline for Application: until suitable applicant is found

http://climate-l.iisd.org/jobs/climate-change-negotiator-adaptation-office-of-global-change-u-sdepartment-of-state/

Climate Change Negotiator - general, Office of Global Change, U.S. Department of State

Organization: U.S. Department of State Position: Climate Change Negotiator - general - Office of Global Change Duty Station: Washington (District of Columbia), United States of America Deadline for Application: until suitable applicant is found

http://climate-l.iisd.org/jobs/climate-change-negotiator-general-office-of-global-change-u-s-department-of-state/

Technical Specialist, Climate Program, Rainforest Alliance

Organization: Rainforest Alliance Position: Technical Specialist - Climate Program Duty Station: London (England), United Kingdom | USA, Washington DC Deadline for Application: until suitable applicant is found

http://climate-l.iisd.org/jobs/technical-specialist-climate-program-rainforest-alliance/

Technical Function The Cold Chandrad Foundation

Technical Expert, The Gold Standard Foundation

Organization: The Gold Standard Foundation Position: Technical Expert Duty Station: Beijing (Beijing), China Deadline for Application: until suitable applicant is found

http://climate-l.iisd.org/jobs/technical-expert-the-gold-standard-foundation/

Please send climate change job vacancies postings to Daniela Tarizzo at danielat@iisd.org

Climate Change Job Vacancies Update is a service provided by the International Institute for Sustainable Development (IISD) Reporting Services for our CLIMATE-L community subscribers. IISD RS does not assume responsibility for any of the jobs posted herein, and the positions listed here have no relationship to employment opportunities with IISD unless explicitly noted. IISD RS provides our readers this service as one means to foster a community of practice among international climate change policy makers. If your organization wishes to announce a position with this service, please send the following details to our Climate Change Job Vacancies Content Editor Daniela Tarizzo: Organization (Name/Acronym/Homepage) Position (Title/Department/Project)

Term, Experience Level, Special Requirements

Your Web Address for this Job Posting (attachments received will not distributed)

Date (Deadline for Application/Starting Date)

Duty Station (City/ies and Country/ies)

Contact Information (Name, Address, City, Country, ZIP/Postal Code, Phone, Fax, Email)

- You are currently subscribed to climate-I as: beth.urbanas@do.treas.gov

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As part of its 20th anniversary celebration, IISD RS is launching "Help Bring the ENB Back to Rio" a fundraising campaign to ensure an ENB presence at the UN Conference on Sustainable Development in June: <u>http://www.iisd.ca/enbvol/enb-funding.htm</u>

IISD is pleased to announce its newest project: Sustainable Energy Policy & Practice A knowledge management project tracking international sustainable energy activities: <u>http://energy-</u>

l.iisd.org/

We also invite you to subscribe: <u>http://energy-l.iisd.org/about-the-energy-l-mailing-</u>

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sustainable development policy professionals at http://www.iisd.ca/email/subscribe.htm

From:Bayly, RachelTo:Berg, KatieSubject:FW: IDB WB FCPF Transfer AgreementDate:Tuesday, May 22, 2012 2:24:50 PM

Fyi.

-----Original Message-----From: Vince McElhinny [mailto:(b) (6) @bicusa.org] Sent: Tuesday, May 22, 2012 12:09 PM To: Senich, Sara Cc: Bayly, Rachel; Landers, Clemence; Veltri, Joanna; Joshua Lichtenstein Subject: IDB WB FCPF Transfer Agreement

Hi Sara,

In several recent conversations, we've flagged the imminent arrival to the IDB Board of a Transfer Agreement between the World Bank and the IDB regarding the Forest Carbon Partnership Facility and the IDB's role as a delivery partner in Peru. The negotiations over this agreement have dragged on longer than expected over issues of costs of accountability and other things. We would like to know if you have seen this document and/or if a Board Policy Subcommittee or full Board agenda discussion of it has been scheduled.

As you might recall, the Transfer Agreement outlines obligations for the IDB in the context of the Common Approach to Safeguards Application under FCPF for multiple delivery partners. Simply put, as a delivery partner in Peru for the FCPF, the IDB has to ensure its own safeguards are substantially equivalent to those of the WB.

It is our understanding that the public will not see this document until it is approved by the IDB Board, hence we have some concerns.

We understand that the transfer agreement has some detailed gap-filling measures that IDB needs to undertake, will these be in addition to achieving substantial equivalence with all relevant WB policies as stipulated by the Common Approach? Our concern is that, in the conclusion to the Common Approach negotiations about this time last year, the whole gap-filling approach was rejected by the IDB (and the UNDP) during the Task Force discussions, so at this point we don't want the substantial equivalence commitment to be reduced to 2 or 3 gap filling measures. If that general commitment is still in there, we would welcome any further specifics about steps the IDB needs to take from the get-go to deal with already identified gaps. If it is not, we would be quite concerned.

This is why disclosure of the transfer agreement before Board Approval is important. We would be happy to provide more information about areas where gap filling is required for the IDB. Thanks in advance for any update that you can provide on the status of the Board discussion. Best, Vince

From:	Deborah Lawrence
To:	<u>Jennifer Jenkins; Berg, Katie; Wirth.Tom@epamail.epa.gov; Desai.Mausami@epamail.epa.gov;</u>
	Todd.Kimberly@epamail.epa.gov
Subject:	FW: new job at CD-REDD
Date:	Thursday, March 08, 2012 12:22:25 PM

Just in case you are tired of working for the government! Please pass this along to people you know working on REDD. Deborah

Deborah Lawrence, PhD Associate Professor of Environmental Sciences, University of Virginia Jefferson Science Fellow, US Department of State

216 Clark Hall, McCormick Road University of Virginia PO Box 400123 Charlottesville, VA 22904-4123

(b) (6)

From: Ethan Heil <(b) (6) @gmail.com> Date: Tue, 28 Feb 2012 16:28:13 -0500 To: Deborah Lawrence <dl3c@cms.mail.virginia.edu> Subject: Fwd: new job at CD-REDD

Prof. Lawrence,

Sorry if this is spam, but I figured it was topical and you might know someone who would be interested.

Best, Ethan

> Dear colleague,

>

> There is a new position at the CfRN's CD-REDD project. The CD-REDD project
 > supports forest countries in putting together their AFOLU GHG inventories. The

> new person would take responsibility for CD-REDD's work in 3-4 countries in

> Africa and LAC.

>

>

> We are looking for a senior expert that would have a couple of years of
 > experience in working with GHG inventories and REDD+. This position is based
 > at CfRN's Rome office at FAO premises. Candidates should have background in
 > carbon accounting, REDD+-MRV and be familiar with IPCC 2006. Spanish language
 > skills would be a great plus.

Ś

> Details about this position are at

> <u>http://cdredd.org/content/vacancy-announcement-senior-ghg-inventory-officer</u>.

>

>

> I would appreciate you forwarding this to your networks.

> Best regards,> Till

>

>

> @@neeff.com / (b) (6) @rainforestcoalition.org / (b) (6)
> <tel:%2B39%20333%(b) (6) >

Scholars mailing list Scholars@listserv.udall.gov http://listserv.udall.gov/mailman/listinfo/scholars

ring forests won"t bring Rio+20"s "future we want" 2012 7:45:54 AM

Take a look at the interesting article on Indonesia Palm oil and a new EPA ruling on biofuels at the base of this screen. For your information only. No action required. Scott

From: Center for International Forestry Research [mailto.cifor-mediainfo@cgiar.org] Sent: Tuesday, February 28, 2012 3:31 AM To: Lampman, Souti (EGAT/NRM) Subject: News Update: Ignoring forests won't bring Rio+20's Yuture we want'

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Director, Forests and Environment Programme <http:///20.rs6.net/in.jsp?et=11094003535398x=9438&e=0019nWKGs2vg=9INDSQJNu4ghnL50xoY87A2g=al35u_J3-TEnY_Wd61V0Jz733Hg8IhFdocxWbnp8D2LzeALo031o4IN7HcOmNhfmtD11g_AchUPURGzyKmYdY9TvkP-Ih-SPP_Zq0/2BvO19g0mF1JWomhYDMR50ZJkKQpoucL0taWF113HrpA8nknl_mWm42lg2HyteY0r1V=2K80VW/8XvROCv01E6VDKT8UMu8JkRM8J6cEYtz=EloneJ8NJ7v6OuGEHnNvATz9VXg==>

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Scientist, Impact Assessment <htp://t20.rs6.net/tn.jsp?et=1109400353539&s=9438&e=0019nWKGs2vg--injpcrQKUUN6iRuHZiSjdiezO9oqpY809ScACvrQTgDKiKHdbe95ibGOwhiR14Kh-C7uePXCmkmQgt_pA6oxtXs3ISwKl0n94QUw2ARcbsc3SIXIK_biqBxVQIAkvreD2ImPVpdJwJXNWOSIMItzEorIDeiZfvRIJyp-13e5xGHyMFWeg-gfzpMLU7ENGQtpgDdIK2QpAuh2h-7YdD4dCqrfikdHKnW2gBrTZX-49XPv_>

Consultant/Field Research Supervisor - http://r20.rst.net/m.jsp?el=11094003535398s=9438&8=0019nWKGsZvg-64Bwt/Z4RDIPUzvEzcdnE4TqQfOpgRy0DUbTA6YhLy-oRC9wg2PrGznjS0oCYtAIDAv8eTGcfmiL0oYgRT0o8mmZvMIcN80YpcFw2zmgNJRS6FaM90SS04LKEOCb4SLSJQRDh00OEU-V_n-8YympUBKGeLXWqCINmusOMOV9pH1bdV39RyMjJjQKUaFLug4Zx4LzqxuLkdRmhT4RJMDCYDCFM3Y8VXwGpid7/ms2Qjvb8>

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From:	Scott Hale
To:	Berg, Katie
Subject:	HEAR FROM LEADING PROJECT FINANCE EXPERTS
Date:	Friday, August 31, 2012 12:03:09 PM

Advanced Renewable Energy Project Finance & Analysis October 10-11, 2012 Digital Sandbox New York, NY

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Assess, Quantify and Mitigate Risk to Create Financeable Project Structures

Dear Colleague:

Tax incentive and public policy changes are complicating renewable energy project finance. Now, more than ever, the profitability of a renewable energy project is ultimately tied to being able to accurately assess the risks associated with the project, analyze the impacts of project structures on obtaining financing, and model the trade-offs of pursuing various equity and debt financing strategies. New structures are needed and due diligence is becoming stricter. Only the best informed and structured projects will be realized.

The Infocast's Advanced Renewable Project Finance & Analysis

(<u>http://www.informationforecastnet.com/apfny</u>) course, taught by leading financial and legal experts with vast experience in renewable energy project development and finance, will provide you with the practical tools and analytic techniques to see your project successfully-and profitably-financed.

Below, please find a sample of organizations that have benefited from the Tutorial:

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Wednesday, October 10, 2012 8:00 am-5:00 pm, and Thursday, October 11, 2012 8:00 am-4:30 pm

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Alternatively, can you meeting with them this Weds, June 27?

-----Original Message-----From: Berg, Katie Sent: Monday, June 25, 2012 11:28 AM To: MacLaughlin, Janet Subject: RE: meeting with Erik Streed

Yes -- that's my last day in the office for two and a half weeks.

-----Original Message-----From: MacLaughlin, Janet Sent: Monday, June 25, 2012 11:06 AM To: Berg, Katie Subject: FW: meeting with Erik Streed

Can you meet with AID on Weds, July 18?

- janet

-----Original Message-----From: Scott Hajost (b)(6) @fcmcglobal.org] Sent: Monday, June 25, 2012 11:02 AM To: MacLaughlin, Janet Subject: meeting with Erik Streed

Sorry to bother you Janet but I would like to be able to tell Erik something on whether there might be a meeting on July 18th before I take off on Friday and you to Peru. Many thanks. Have a great trip. scott

Scott A. Hajost, Esq. Chief of Party Forest Carbon, Markets and Communities (FCMC) Program A USAID funded project implemented by Tetra Tech, ARD 1611 North Kent Street Suite 805 Arlington, VA 22209 (b)(6) (b)(6) www.fcmcglobal.org I have a mouse in my office. How bout I come up to your office.

-----Original Message-----From: MacLaughlin, Janet Sent: Wednesday, June 27, 2012 10:41 AM To: Berg, Katie Subject: FW: meeting with Erik Streed

Katie,

Scott Hajost and Erik Streed can do a conference call at 2:00 today. (They declined my suggestion for coffee over here.) If you are still free, I can come done to your office for the call.

- Janet

-----Original Message-----From: Scott Hajost (b)(6) fcmcglobal.org] Sent: Wednesday, June 27, 2012 10:37 AM To: MacLaughlin, Janet Subject: RE: meeting with Erik Streed

Thanks Janet was just about to get back to you and agree on conference call. How about that at $2 \cdot$ we can use our call in conference bridge

(b)(6)

scott

Scott A. Hajost, Esq. Chief of Party Forest Carbon, Markets and Communities (FCMC) Program A USAID funded project implemented by Tetra Tech, ARD 1611 North Kent Street Suite 805 Arlington, VA 22209 (b)(6) (b)(6) www.fcmcglobal.org

-----Original Message-----From: Janet.MacLaughlin@treasury.gov [mailto:Janet.MacLaughlin@treasury.gov] Sent: Wednesday, June 27, 2012 10:12 AM To: Janet.MacLaughlin@treasury.gov; Scott Hajost Subject: RE: meeting with Erik Streed

Hi Scott,

Katie and I are available for a conference call today or we can meet you at Starbucks a block up from Treasury at 2:00 today. Does this work for you?

- Janet

-----Original Message-----From: MacLaughlin, Janet Sent: Tuesday, June 26, 2012 10:03 AM To: (b)(6) cmcglobal.org' Subject: RE: meeting with Erik Streed

Scott,

How about a conference call Wednesday afternoon at 2:00?

- Janet

-----Original Message-----From: (b)(6) fcmcglobal.org (b)(6) fcmcglobal.org] Sent: Monday, June 25, 2012 8:29 PM To: MacLaughlin, Janet Subject: Re: meeting with Erik Streed

Tx again Janet - Erik and I can meet for an informal chat on Wed over here. Scott -----Original Message------From: Janet.MacLaughlin@treasury.gov To: Scott Hajost Subject: RE: meeting with Erik Streed Sent: Jun 25, 2012 3:05 PM

Sorry for not getting back on this. Can you meet sometime this week, perhaps Wednesday, June 27?

-----Original Message-----From: Scott Hajost (b)(6) cmcglobal.org] Sent: Monday, June 25, 2012 11:02 AM To: MacLaughlin, Janet Subject: meeting with Erik Streed

Sorry to bother you Janet but I would like to be able to tell Erik something on whether there might be a meeting on July 18th before I take off on Friday and you to Peru. Many thanks. Have a great trip. scott

Scott A. Hajost, Esq. Chief of Party Forest Carbon, Markets and Communities (FCMC) Program A USAID funded project implemented by Tetra Tech, ARD 1611 North Kent Street Suite 805 Arlington, VA 22209 (b)(6) (b)(6) www.fcmcglobal.org

Sent from my Verizon Wireless BlackBerry

From:	Berg, Katie
To:	"Lampman, Scott (EGAT/NRM)"; "Dennis, Charity F (OES)"
Cc:	<u>"Barber, Charles V";</u> "Melnyk, Mary (ME/TS)"
Subject:	RE: Pensions Consider the Rain Forest
Date:	Tuesday, May 22, 2012 2:14:00 PM

Thanks Scott.

-----Original Message-----From: Lampman, Scott (EGAT/NRM) [mailto:SLampman@usaid.gov] Sent: Tuesday, May 22, 2012 7:10 AM To: Berg, Katie; Dennis, Charity F (OES) Cc: Barber, Charles V; Melnyk, Mary (ME/TS) Subject: FW: Pensions Consider the Rain Forest

Katie and Charity, Merrill Lynch & Co. Invest in REDD in Sumatra. Scott

From: Streed, Erik J (EGAT/NRM/F) Sent: Monday, May 21, 2012 2:52 PM To: Lee, Christopher (EGAT/DC); Stoddard, Loren (PERU/AD); Lopez, Daniel (BOGOTA/CLE); Colby, Michael (EGAT/NRM); EGAT.NRM.F Mail List (USAID); Abt, Wendy (EGAT/AA); Pendzich, Christine (LAC/RSD/E); Notman, Evan (EGAT/ESP/GCC) Subject: FW: Pensions Consider the Rain Forest

Just FYI, an easy to read update on forest carbon financing views

From: gabriel thoumi (b)(6) cmcglol

 (b)(6)
 cmcglobal.org] < m(b)(6)</td>
 cmcglobal.org] >

 Sent: Monday, May 14, 2012 3:02 PM
 To: Streed, Erik J (EGAT/NRM/F); Scott Hajost

 Cc:
 (b)(6)
 erraglobalcapital.com

 Main for est
 erraglobalcapital.com >

Hi Erik

Pensions Consider the Rain Forest article is attached and link is here: Pensions Consider the Rain Forest<<u>http://m.institutionalinvestor.com/Article/3024131/Pensions-Consider-the-Rain-Forest.html</u>> <u>http://m.institutionalinvestor.com/Article/3024131/Pensions-Consider-the-Rain-Forest.html</u>

May be of interest to your colleagues at USAID. Thanks, Gabriel

From:Deborah LawrenceTo:Berg, KatieSubject:Re: Plantation carbon sequestration questionDate:Tuesday, January 24, 2012 11:17:22 AM

Could take a call now... (b)(6)

--

Deborah Lawrence, PhD Associate Professor of Environmental Sciences, University of Virginia Jefferson Science Fellow, US Department of State

216 Clark Hall, McCormick Road University of Virginia PO Box 400123 Charlottesville, VA 22904-4123

(b)(6)

From: <Katie.Berg@treasury.gov> Date: Tue, 24 Jan 2012 10:29:25 -0500 To: (b)(6) virginia.edu>, (b)(6) gmail.com> Subject: Plantation carbon sequestration question

Hi Deborah

I have an emergency carbon sequestration question re plantations! Are you around by any chance?

From:	Deborah Lawrence
То:	Berg, Katie
Subject:	Re: Plantation carbon sequestration question
Date:	Saturday, February 04, 2012 2:43:49 PM

Going back to school could be so fun! Kim is taking a GIS class now and finds it very engaging. When I was at State it FELT like I was back at school. Learning so much.

It is always fun to talk with you Katie--I want you feel free to call on me any time. PS--would you like your own personal assistant? I'm interviewing the new Jefferson Science Fellows--do you think Treasury would buy into that? Not sure there is a cost to you...maybe. Someone gave us money for a 'stipend' that really just paid our housing costs. But I could keep my eyes open for someone to help you! Just a thought.

Deborah

--

Deborah Lawrence, PhD Associate Professor of Environmental Sciences, University of Virginia Jefferson Science Fellow, US Department of State

216 Clark Hall, McCormick Road University of Virginia PO Box 400123 Charlottesville, VA 22904-4123

(b)(6)

On 2/3/12 2:16 PM, "Katie.Berg@treasury.gov" <Katie.Berg@treasury.gov> wrote:

>Deborah, thanks again for your help with this. Maybe I should go back to >school in forestry.... > >How is everything going with you? > >----Original Message----->From: Deborah Lawrence(b)(6) cms.mail.virginia.edu >Sent: Tuesday, January 24, 2012 11:17 AM >To: Berg, Katie >Subject: Re: Plantation carbon sequestration question >Could take a call nowŠ (b)(6) >--->Deborah Lawrence, PhD >Associate Professor of Environmental Sciences, University of Virginia >Jefferson Science Fellow, US Department of State >

>216 Clark Hall, McCormick Road

>University of Virginia >PO Box 400123 >Charlottesville, VA 22904-4123

> > > > > > > > From: <Katie.Berg@treasury.gov> >Date: Tue, 24 Jan 2012 10:29:25 -0500 >To: (b)(6) virginia.edu>, (b)(6) gmail.com> > Subject: Plantation carbon sequestration question > >Hi Deborah > >I have an emergency carbon sequestration question re plantations! Are you >around by any chance? > >Katie >

>

From:Berg, KatieTo:"Deborah Lawrence"Subject:RE: Plantation carbon sequestration questionDate:Tuesday, January 24, 2012 11:09:00 AM

Ok, great! Thanks a lot

-----Original Message-----From: Deborah Lawrence [(b)(6) cms.mail.virginia.edu] Sent: Tuesday, January 24, 2012 11:09 AM To: Berg, Katie Subject: Re: Plantation carbon sequestration question

Call me at noon? (b)(6) :) always happy to oblige!

From: <Katie.Berg@treasury.gov> Date: Tue, 24 Jan 2012 10:29:25 -0500 To: (b)(6) virginia.edu>, (b)(6) mail.com> Subject: Plantation carbon sequestration question

Hi Deborah

I have an emergency carbon sequestration question re plantations! Are you around by any chance?

From:	Berg, Katie
To:	"Deborah Lawrence"
Subject:	RE: Plantation carbon sequestration question
Date:	Friday, February 03, 2012 2:16:00 PM

Deborah, thanks again for your help with this. Maybe I should go back to school in forestry....

How is everything going with you?

-----Original Message-----From: Deborah Lawrence (b)(6) ms.mail.virginia.edu] Sent: Tuesday, January 24, 2012 11:17 AM To: Berg, Katie Subject: Re: Plantation carbon sequestration question

Could take a call now...

(b)(6)

Deborah Lawrence, PhD Associate Professor of Environmental Sciences, University of Virginia Jefferson Science Fellow, US Department of State

216 Clark Hall, McCormick Road University of Virginia PO Box 400123 Charlottesville, VA 22904-4123

(b)(6)

From: <Katie.Berg@treasury.gov> Date: Tue, 24 Jan 2012 10:29:25 -0500 To: (b)(6) virginia.edu>, (b)(6) gmail.com> Subject: Plantation carbon sequestration question

Hi Deborah

I have an emergency carbon sequestration question re plantations! Are you around by any chance?

From:Deborah LawrenceTo:Berg, KatieSubject:Re: Plantation carbon sequestration questionDate:Tuesday, January 24, 2012 11:09:39 AM

Call me at noon? (b)(6) :) always happy to oblige!

From: <Katie.Berg@treasury.gov> Date: Tue, 24 Jan 2012 10:29:25 -0500 To: (b)(6) virginia.edu>, (b)(6) gmail.com> Subject: Plantation carbon sequestration question

Hi Deborah

I have an emergency carbon sequestration question re plantations! Are you around by any chance?

I read it yesterday. I cannot find the site on the map, but I will check with Adam on this.

GN

From: Katie.Berg@treasury.gov [mailto:Katie.Berg@treasury.gov] Sent: Thursday, January 26, 2012 3:03 PM To: Ng, Ginny; Brenes, Esteban Subject:

Did you see this EIA story on West Kutai? What's the deal?

On the front line: Muara Tae's last stand against big palm oil January 24, 2012

Dayak community under assault from invading palm oil companies

MUARA TAE, EAST KALIMANTAN: The fate of a Dayak community deep in the interior of East Kalimantan demonstrates how Indonesia must safeguard the rights of indigenous people if it is to meet ambitious targets to reduce emissions from deforestation.

The Dayak Benuaq of Muara Tae, in West Kutai Kabupaten, today face a two-pronged assault from palm oil companies aggressively expanding into their ancestral forests. Together with Indonesian NGO Telapak, the community is manning a forest outpost around the clock in a last ditch attempt to save it from destruction.

The London-based Environmental Investigation Agency (EIA) has witnessed at first-hand the Dayak Benuaq's struggle, and how their sustainable use of forests could help Indonesia deliver on its ambitious targets to reduce greenhouse gas emissions.

EIA Forests Team Leader Faith Doherty said: "There are more than 800 families in Muara Tae relying on the forests for their food, water, medicine, culture and identity. Put simply, they have to keep this forest in order to survive.

"The rhetoric from the President of Indonesia on curbing emissions by reducing deforestation is strong but on the front line, where indigenous communities are putting their lives at risk to protect forests, action is sorely missing.

"Giving these communities, such as the Dayak Benuaq, the rights they deserve is a vital step to reduce catastrophic levels of deforestation in Indonesia."

President Yudhoyono has pledged to reduce carbon emissions across the archipelago by 26 per cent by 2020 against a business-as-usual baseline, alongside delivering substantial economic growth.

Plantation expansion will inevitably be a significant element of growth, but it has historically been a major driver of emissions and it is widely acknowledged that in order avoid them, expansion must now be directed to 'degraded' lands.

As a result of weak spatial planning, however, the forests of Muara Tae are identified as 'APL', a designation meaning they are not part of the national forest area and are open to exploitation. The theft of indigenous forests also raises serious questions as to what form of 'development' these plantations offer.

In indigenous communities such as the Dayak Benuaq of Muara Tae, Indonesia has perhaps its most valuable forest resource. It is due to their sustainable methods, honed over generations, that the forest even remains.

Telapak president Ambrosius Ruwindrijarto said: "Together with the community, we have not only been protecting the last forests but also planting new Ulin and Meranti saplings to enhance it. These people are the true guardians of the forest and their fate is entwined with it."

Muara Tae has lost more than half of its land and forests during the past 20 years to mining companies. The impact has been tangible; the villagers' water source has dried up and they must now routinely make a 1km journey to collect clean water.

The remaining forest is home to a large number of bird species including hornbills, the emblem of Borneo. There are about 20 species of reptiles and it is also a habitat for both proboscis monkeys and honey bears.

The latest land-grabs have taken place since January 2010, when the local Bupati (regional government official), Ismail Thomas, issued plantation permits to two palm oil companies: Malaysian-owned PT Munte Waniq Jaya Perkasa (PT MWJP) and PT Borneo Surya Mining Jaya, a subsidiary of Sumatran logging, mining and plantation conglomerate Surya Dumai.

While the Norwegian Government has been instrumental in financially backing efforts to reduce deforestation in Indonesia through the REDD+ initiative, it has also invested in the parent company of PT MWJP through its sovereign wealth fund.

Pak Singko, a leader of the Dayak Benuaq of Muara Tae, said: "We are calling for help from people everywhere in protecting our forests and ancestral land. We are being squeezed from all sides by mining and plantation companies.

"This is the last remaining forests that we have and the only land we have to survive. If my forests are gone, our lives will end."

Hi Katie:

I trust you and your family are well. I just heard that Billy has another baby.

Wondering if we could talk a bit about applying FPIC to REDD and other carbon projects. I am doing a bit of background digging for a colleague here at OPIC. If so, perhaps you could suggest some dates and times when I could give you a call.

Cheers,

Keith

Dr. Keith Kozloff

Director, Office of Accountability

Overseas Private Investment Corporation

(b)(6)

keith.kozloff@opic.gov

http://www.opic.gov/doing-business/accountability

Ginny, we are ok with the GOI addition but need to put it into proper English. Therefore, please change to the following:

i. Development of district-level carbon Monitoring, Reporting and Verification (MRV) systems and REVIEW OF POTENTIAL FOR MARKET MECHANISMS;

Thanks much

From:	Christoffer Bertelsen
То:	Ben Green; Berg, Katie;(b)(6)eh.es;(b) (6)md.dep.no;(b)(6)usaid.gov.au;(b) (6)mof.go.jp;Jane Higgins
Cc:	Neil Scotland; Jane Higgins
Subject:	SV: FIP Donor Call?
Date:	Thursday, April 19, 2012 8:36:48 AM

Dear Kattie and all

Good idea. I would suggest a catch up meeting in Washington the night before the FIP meeting. I hope to be in Washington the whole week.

Christoffer -----Oprindelig meddelelse-----Fra: Ben Green (b)(6) fid.gov.uk] Sendt: 19. april 2012 09:37 Til: Katie.Berg@treasury.gov; Christoffer Bertelsen; (b)(6) meh.es; (b)(6) meh.es; (b)(6) mof.go.jp; Jane Higgins Cc: Neil Scotland; Jane Higgins Emne: RE: FIP Donor Call?

Hi Katie,

I agree it would be good to have a quick catch-up call/meeting ahead of the FIP sub-committee. Either works for me as I'll be in Washington for the whole week at the other committee meetings. This also means a catch-up meeting would need to be in the evening.

Rgds,

Ben

Ben Green | Deputy Team Leader - Low Carbon Development Team | Climate and Environment Department | Department for International Development, Abercrombie House G75 8EA * email: (b dfid.gov.uk (b)(6) url:

www.dfid.gov.uk

P Help save paper - do you need to print this email?

Please note: I do not reply (if at all) to messages where I am cc'd into the message as quickly as messages sent 'to' me.

-----Original Message-----From: Katie.Berg@treasury.gov [mailto:Katie.Berg@treasury.gov] Sent: 18 April 2012 21:56 To: (b)(6) m.dk; (b)(6) meh.es; (b)(6) md.dep.no; (b)(6) ausaid.gov.au; (b)(6) mof.go.jp; Ben Green; Jane Higgins Subject: FIP Donor Call?

Hello all,

Is there any interest in trying to have a FIP donor call before the May 4 meeting? If people are going to be in town for the other CIF meetings, we could also consider having a short in-person meeting earlier in the week.

Just let me know.

Thanks

Katie

See how UK aid is changing the lives of the world's poorest people at www.dfid.gov.uk/changinglives.

From:	Deborah Lawrence
То:	Anderson, Christa M -FS; Andy Jacobson; Lister, Andrew -FS; Ashutosh Limaye; Bradley Doorn; Brandeis, Thomas J -FS; Cassandra Nunez; Scott, Charles -FS; Chris Dragisic; Craig Wayson; Moore, Dana M -FS; Daniel Irwin; Diane Wickland; Douglas Morton; Andersen, Hans -FS; Linda Heath; Esther Zeledon; Francis Dallmeier;
	<u>Geoffrey Parker; hfairbank@usaid.gov; Helene Muller; J Deichmann; J Smith; (b)(6) giar.org: Jennifer Jenkins; John Poulsen; John Verdieck; Berg, Katie; Kimberly Todd; Kurt Johnson; Leonard Hirsch; Mausami</u>
	Desai; Michelle Hertzfeld; Norm Bourg; Olaf Zerbock; James J Halperin; pasmith@usaid.gov; Peter Colohan; Peter Leimgruber; R Hanson; McRoberts, Ronald -FS; Sean McMahon; Yoffe, Shira -FS; Sue Hazlett; Sylvia Wilson; Tom Wirth; Jeffrey.G.Masek@nasa.gov; cstokes@usaid.gov; Ross.F.Nelson@nasa.gov;
	chris.potter@nasa.gov; (b)(6) i.edu; rbutterfield@usaid.gov; Patel-Weynand, Toral -FS; (b)(6) edu; Michael Keller; Sasan.S.Saatchi@jpl.nasa.gov; Wade Price; Wayson, Craig (b)(6) fed.us); Whitney Watriss; (b)(6) si.edu; (b)(6) fed.us; vogel@usgs.gov
Cc:	Notman, Evan (E3/GCC); Reams, Greg -FS; Moad, Alex -FS; Douglas Muchoney; Verdieck, John D; Dragisic, Christine D
Subject:	Tech Team input BY AUGUST 7 please: SilvaCarbon Research Priorities
Date:	Friday, July 27, 2012 11:46:29 AM

Dear SilvaCarbon Technical Team,

As mentioned in a previous email, SilvaCarbon is planning to add research activities to our on-going program of technical assistance in select countries, enhancing the community of forest carbon experts in the US, and establishing a web-based platform for information sharing at home and abroad.

At the planning meeting in Washington this month, the steering committee came up with a list of five priority areas for research related to forest and terrestrial carbon measurement and monitoring:

* Optimal field sampling for linking ground-based and remote sensing

* Carbon accounting/MRV across all land uses (including non-forest lands)

* Nested MRV (this could include social science, economics, or policy research)

* LIDAR

* Defining and measuring degradation

In reviewing past work under SilvaCarbon, and in responding to feedback from partner countries, the steering committee felt that further knowledge in these areas was needed to advance on-going technical assistance on forest and terrestrial carbon. Some of these topics are quite broad, and some have years of research already in place.

We seek input from you with advanced technical knowledge to refine the potential areas of research listed above.

* What are the pressing issues?

* What are the biggest outstanding questions?

* What are some recent advances on which we might build (please the send authors' names or a pdf)?

And finally, what other areas of research might SilvaCarbon prioritize to advance rigorous measurement and monitoring of carbon?

Note that I will be reaching out to non-USG experts in our network with a similar set of questions, along with some caveats about this not being a call for proposals. If you would like to seek out the opinions of your non-USG colleagues, I urge you to do so
but please exercise caution. Be sure they understand that we are not making any promises about new funding for research.

Please send your comments by August 7. I will compile responses for the steering committee meeting on August 20.

Thank you for your help in defining future research directions for SilvaCarbon.

Sincerely, Deborah

Deborah Lawrence, PhD Associate Professor of Environmental Sciences, University of Virginia Jefferson Science Fellow

Working with

The International Programs Office at the United States Forest Service

The Climate Change Office at the United States Agency for International Development

on SilvaCarbon

216 Clark Hall, McCormick Road University of Virginia PO Box 400123 Charlottesville, VA 22904-4123

(b)(6)

Hi everyone,

As I'm sure we've thoroughly confused you with our RESPs, I wanted to send a final confirmation of what US representatives will attend what sessions:

- John Verdieck (23 Junio 3 Julio) Carbon Fund, Readiness Fund, Field Visit, REDD+ Partnership
- Chris Dragisic (23 Junio 3 Julio) Carbon Fund, Readiness Fund, Field Visit, REDD+ Partnership
- Alexia Kelly (23 Junio 27 Junio) Carbon Fund
- Katie Berg (30 Junio 3 Julio) REDD+ Partnership
- Evan Notman (25 Junio 3 Julio) Readiness Fund, Field Visit, REDD+ Partnership

Hope this helps!

Chris

Christine Dragisic Department of State Office of Global Change (OES/EGC) Bureau of Oceans and International Environmental and Scientific Affairs 2201 C St NW, Room 2480 Washington, DC 20520 (b)(6)

DragisicCD@state.gov

This email is UNCLASSIFIED.

<<u>http://www.wider.unu.edu/>[http://www.wider.unu.edu/widerangle_newsletter/2012/en_GB/06-07-2012-wider-angle/_files/87739433531080856/default/bg_logo.gif]<http://www.wider.unu.edu/><http://www.wider.unu.edu/media/en_GB/feature-articles/>[http://www.wider.unu.edu/widerangle_newsletter/2012/en_GB/06-07-2012-wider-angle/_files/87739433531080855/default/wider-angle-2.jpg]<http://www.wider.unu.edu/media/en_GB/feature-angle/_files/87739433531080855/default/wider-angle-2.jpg]<http://www.wider.unu.edu/media/en_GB/feature-angle/_files/87739433531080855/default/wider-angle-2.jpg]<</u>

articles/><http://www.wider.unu.edu/media/en_GB/feature-articles/>

News & Highlights

IN MEMORIAM

Our good friend and colleague Elinor Ostrom passed away on 12 June 2012 after a long illness. Elinor was the first, and to date only, woman to win a Nobel Prize in economics. Ravi Kanbur, who worked closely with Elinor, reflects on her life and work:<<u>http://www.wider.unu.edu/home/news/en_GB/in-memoriam-ostrom/</u>>

New web site on Research and Communication on Foreign Aid Launched

[http://www.wider.unu.edu/widerangle_newsletter/2012/en_GB/06-07-2012-widerangle/_files/87739433531146399/default/ReCom-blue-yellow-green_small.jpg]<http://staging.wider.unu.edu/>

POLICY BRIEF

Does foreign aid foster democracy? What is the relationship between foreign aid, democracy assistance and democratic transitions and consolidation? What are the unintended consequences of different intervention modalities, and how these can be mitigated? In this ReCom policy brief answers and recommendations from the Foreign Aid and Democracy in Africa<<u>http://www.wider.unu.edu/research/current-programme/en_GB/Aid-Democracy-Africa/</u>> research. [<u>http://www.wider.unu.edu/stc/_system/icons/pdf.gif</u>]</widerangle_newsletter/2012/en_GB/06-07-2012-wider-angle/_files/87864100253532339/default/Recom%20Policy%20Brief-Democracy%20Fragility.pdf>RecCom Policy Brief.pdf</widerangle_newsletter/2012/en_GB/06-07-2012-wider-angle/_files/87864100253532339/default/Recom%20Policy%20Brief-Democracy%20Fragility.pdf> (515.97 kilobytes)

[http://www.wider.unu.edu/stc/img/newsletter/small-hr.gif]

UNU-WIDER Feature videos<<u>http://www.wider.unu.edu/widerangle/video/en_GB/webcasts/</u>> and to follow us on Twitter. <<u>http://twitter.com/#!/UNUWIDER>[http://www.wider.unu.edu/widerangle_newsletter/2012/en_GB/06-07-2012-wider-angle/_files/87739433531146402/default/twitter.jpg]<<u>http://twitter.com/#!/UNUWIDER><http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER>[http://twitter.com/#!/UNUWIDER]]</http://twitter.com/user/UNUWIDER? feature=mhsn#p/c/9633D6E3096D9DE4></u></u>

[http://www.wider.unu.edu/stc/img/newsletter/small-hr.gif]

Publications search

Please search our archive of publications.<<u>http://www.wider.unu.edu/publications/search/en_GB/publication-search/</u>>

Announcement from UNCTAD: Virtual Institute online course on trade and poverty

The UNCTAD Virtual Institute (Vi), the academic cooperation programme of the United Nations Conference on Trade and Development (UNCTAD), invites researchers and university lecturers from developing and transition countries to apply for participation in its online course on trade and poverty analysis, which will take place 10 September-30 November 2012. More information from UNCTAD.<<u>http://vi.unctad.org/resources-mainmenu-64/distance-learning-mainmenu-115/516-tapreg</u>>

JUNE - JULY 2012

From the Editor's Desk

Tony Addison

I started writing this 'From the Editor's Desk' in Accra, to the sound of an African drum band, preparing for a ceremony to mark the launch of the joint University of Ghana-UNU-WIDER Research and Post-Graduate Teaching Programme. The launch took place in the University of Ghana's magnificent Great Hall. We were in Accra for the 28th session of the UNU-WIDER Board, held for the second time in Africa. Professor Ernest Aryeetey, UNU-WIDER Board Chairman and Vice-Chancellor of the University of Ghana, hosted us in Accra.

Full article.<<u>http://www.wider.unu.edu/publications/newsletter/articles-2012/en_GB/06-07-2012-Addison-editor/</u>> [http://www.wider.unu.edu/widerangle_newsletter/2012/en_GB/06-07-2012-widerangle/_files/87864922575077659/default/unu_ghana_group_386.jpg]

Launch of collaboration for joint University of Ghana - UNU-WIDER Research and post-Graduate Teaching Programme

Youth Unemployment in the Arab World: What Do We know? What is the Way Forward?

Imed Drine

Many observers see youth unemployment as the major reason behind the recent popular uprisings in a number of Arab countries. Frustration among unemployed youth spilled out into the streets at the beginning of 2011, leading to rebellion against the existing political regimes in Egypt, Syria, Tunisia, and Yemen. The unemployment crisis is aggravated by low capital flows and a sharp decline in exports which result from the slowdown in investment and growth in the economies of the region's main trading partners.

Full article.<<u>http://www.wider.unu.edu/publications/newsletter/articles-2012/en_GB/06-07-2012-Drine/</u>>

Urbanization and Development in Asia: Linkages with Globalization and Migration

Lorraine Telfer-Taivainen

The Central European University (CEU) in Budapest, Hungary, was the venue for the launch on 16 June 2012 of the justpublished UNU-WIDER book Urbanization and Development in Asia: Multidimensional

Perspectives, <<u>http://www.wider.unu.edu/publications/books-and-journals/2012/en_GB/Urbanization-development-Asia/</u>> edited by Jo Beall, Basudeb Guha-Khasnobis, and Ravi Kanbur, published by Oxford University Press India. The launch took place within the framework of the Global Development Network's 13th Annual Conference being held collaboration with CEU; the session was chaired by Francois Bourguignon (Paris School of Economics, GDN Board of Directors, and a former UNU-WIDER board member). Full article.<<u>http://www.wider.unu.edu/publications/newsletter/articles-2012/en_GB/06-07-2012-</u> <u>Telfer-Taivainen/</u>>

After the Fall of the Berlin Wall: Some Lessons on Transition

Lorraine Telfer-Taivainen

The European Bank for Reconstruction and Development (EBRD) in London was the setting on 19 June 2012 for the launch of the recent UNU-WIDER book Economies in Transition: The Long-Run

View, <<u>http://www.wider.unu.edu/publications/books-and-journals/2012/en_GB/economies-transition/</u>> edited by Gerárd Roland, and published by Palgrave Macmillan.

Full article.<<u>http://www.wider.unu.edu/publications/newsletter/articles-2012/en_GB/06-07-2012-Telfer-Taivainen_1/</u>>2012 UNU-WIDER interview series

Donors, Democracy and Development: Unraveling the Impact of Aid in Africa<<u>http://www.wider.unu.edu/widerangle/video/en_GB/06-07-2012/</u>>

UNU-WIDER and the University of Ghana hosted a seminar in Accra titled 'Donors, Democracy and Development: Unraveling the Impact of Aid in Africa' on 8 June 2012. The event was linked to the ReCom projects Governance & Fragility theme<<u>http://staging.wider.unu.edu/governance-fragility</u>> research on 'Foreign Aid and Democracy in Africa'.<<u>http://www.wider.unu.edu/research/current-programme/en_GB/Aid-Democracy-Africa/</u>>

For more UNU-WIDER Feature videos<<u>http://www.wider.unu.edu/widerangle/video/en_GB/webcasts/</u>>

GUESTAngle

Millennium Development Goals in Turbulent Times: Emerging Challenges for Post-2015 MDGs

Rolph van der Hoeven and Peter van Bergeijk

One of the most important trends that emerged since the launch of the Millennium Development Goals (MDGs) is the rapid growth of some large developing countries such as China, India, and Brazil. Current IMF projections indicate that by 2015 the principal providers of official development assistance (ODA)—Europe, Japan, the US—will be producing less than 50 per

cent of total world GDP. Already before the financial crisis it was clear that this geo-economic shift would have to have an impact on the norms and values of the global system (van Bergeijk 2009). In this Angle article we argue that a post-2015 framework for development needs to be based on a global social contract, relevant to people in the South and the North, rather than being dominated by development aid professionals and merely applicable to the South. Full article.<<u>http://www.wider.unu.edu/publications/newsletter/articles-2012/en_GB/06-07-van-der-hoeven/></u>

RESEARCHAngle

Green Growth: A Win-Win Approach to Sustainable Development?

Danielle Resnick and James Thurlow

The concept of 'Green Growth' is one which has understandable political currency, highlighted by its prominence in this year's 'Rio+20' meeting hosted by the United Nations Conference on Sustainable Development. In promising to reconcile the goals of low-carbon and sustainable development with other valued outcomes such as job creation, poverty reduction and economic growth, it appears to offer a win-win solution for confronting the growing threat of climate change. This is the tenor of many recent reports on the concept, such as the Organization for Economic Cooperation and Development's Towards Green Growth (2011) or the United Nations Environment Programme's Towards a Green Economy: Pathways to Sustainable Development and Poverty Eradication-A Synthesis for Policymakers (2011). Full article.<<u>http://www.wider.unu.edu/publications/newsletter/articles-2012/en_GB/06-07-2012-green-growth/</u>>

How to Spend it?

A donor dilemma: aid effectiveness in fragile states.

Donors are often faced with the dilemma that those countries most in need of aid are often those least likely to spend it effectively. Attempts to overcome this dilemma by using capacity building and policy conditionality have proved ineffective and a new approach is required. In the UNU working paper 'How to Spend it: The organization of public spending and aid effectiveness', <<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-005/</u>> Paul Collier first addresses the donor dilemma and then goes on to suggest a menu of new organizational designs for ensuring that recipient countries use aid efficiently. Full article.<<u>http://www.wider.unu.edu/publications/newsletter/articles-2012/en_GB/06-07-2012-Collier/</u>>

How can food aid be more effective?

If food aid is to be more effective donors need to consider both the goals of the aid, and its economic implications.

The availability and affordability of food in developing countries is a constant concern and malnutrition causes the death of around 2.6 million children a year. In the wake of the food crisis of 2007-2008 many donors made a renewed commitment to food security. In his WIDER working paper 'Foreign Assistance and the Food Crisis of 2007-2008'<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-019/</u>>, Phillip Abbott addresses the issues arounf food aid and highlights a number of key problems that policy makers need to keep in mind when designing and administering projects aimed at mitigating the effects of the food crisis. Full article.<<u>http://www.wider.unu.edu/publications/newsletter/articles-2012/en_GB/06-07-2012-Abbot/></u>

UPCOMING EVENTS < http://www.wider.unu.edu/events/en_GB/calendar-of-events/>

UNU-WIDER ReCom - Research and Communication on Foreign Aid: gender equality theme meeting, Helsinki, Finland 12 July 2012<<u>http://www.wider.unu.edu/events/ReCom-events/en_GB/12-07-2012/</u>>

UNU-WIDER Conference on Climate Change and Development Policy, Helsinki, Finland 28 September 2012<<u>http://www.wider.unu.edu/events/2012-conferences/Climate-change-2012/en_GB/28-09-2012/</u>>

RECENT EVENTS

Panel Discussion and Book Launch: Economies in Transition: The Long-Run View. Edited by Gérard Roland. Published by Palgrave Macmillan, 2012. To be held in London, UK 19 June 2012<<u>http://www.wider.unu.edu/events/research-presentations/book-launches/en_GB/09-02-2012/</u>>

Presentation: 'Urbanization and Development in Asia: Multidimensional Perspectives', research findings from the UNU-WIDER project titled 'Development in an Urban World' directed by Jo Beall, Basudeb Guha-Khasnobis, and Ravi Kanbur. Central European University, Budapest, Hungary. 16 June 2012<<u>http://www.wider.unu.edu/events/research-presentations/book-launches/en_GB/16-06-2012/</u>>

Presentation: Launch of the special issue of the Journal of Economic Inequality: 'Measuring Poverty Over Time' (Luc Christiaensen and Tony Shorrocks, guest editors), Washington DC, USA. 14 June 2012<<u>http://www.wider.unu.edu/events/research-presentations/book-launches/en_GB/14-06-2012/</u>>

Launch of Collaboration for Joint University of Ghana – UNU-WIDER Research and Post Graduate Teaching Programme, Accra, Ghana

11 June 2012<<u>http://www.wider.unu.edu/events/project-meetings/2012-project-meetings/en_GB/11-06-2012-launch/></u>

UNU-WIDER Seminar: Donors, Democracy and Development: Unraveling the Impact of Aid in Africa. Jointly hosted with the University of Ghana in Accra, Ghana. 8 June 2012<<u>http://www.wider.unu.edu/events/ReCom-events/en_GB/08-06-2012/</u>>

HECER-UNU-WIDER Seminar: Living through Crises: How the Food, Fuel, and Financial Shocks Affect the Poor. By Rasmus Heltberg. To be held in Helsinki 5 June 2012<<u>http://www.wider.unu.edu/events/research-presentations/seminars/en_GB/06-06-2012/</u>>

UNU-WIDER Seminar: Urban Governance and Service Delivery in Africa. Jointly hosted with the African Centre for Cities at the University of Cape Town, South Africa. 5 June 2012<<u>http://www.wider.unu.edu/events/ReCom-events/en_GB/05-06-</u>2012/>

Workshop: Introduction to data analysis 29 May 2012<<u>http://www.wider.unu.edu/events/research-presentations/seminars/en_GB/29-05-2012/</u>>

Exhibition: Maailma Kylässä - World Village Festival 26 May 2012<<u>http://www.wider.unu.edu/events/research-presentations/seminars/en_GB/26-05-12-exhibit/</u>>

Presentation: Social Protection in sub-Saharan Africa: Will the green shoots blossom? Organized by Nordic African Institute and the Church of Sweden, Stockholm, Sweden 23 May 2012<<u>http://www.wider.unu.edu/events/research-presentations/seminars/en_GB/23-05-2012-Sweden/</u>>

Seminar: Foreign Aid and Democracy in Africa – A joint ODI and UNU-WIDER event 17 May 2012<<u>http://www.wider.unu.edu/events/ReCom-events/en_GB/17-05-2012/</u>>

Seminar: Foreign Aid, Ministry for Foreign Affairs, Helsinki, Finland 15 May 2012<<u>http://www.wider.unu.edu/events/ReCom-events/en_GB/15-05-2012/</u>>

Results meetings: ReCom – Research and Communication on Foreign Aid, Democracy & Fragility. Sida, Stockholm, Sweden 10 May 2012<<u>http://www.wider.unu.edu/recom/Recom_Results/en_GB/Recom-Results/</u>>

Lecture: Research and Communication on Foreign Aid 'Foreign Aid and Domestic Politics in Recipient Countries'. Stockholm University, Sweden 10 May 2012<<u>http://www.wider.unu.edu/events/ReCom-events/en_GB/10-05-2012-L/</u>>

PUBLICATIONS<http://www.wider.unu.edu/publications/search/en_GB/publication-search/>

Forthcoming Book: The Role of Elites in Economic Development <<u>http://www.wider.unu.edu/publications/books-and-journals/2012/en_GB/Role-of-Elites/</u>>Edited by the late Alice H. Amsden, Alisa DiCaprio, and James A. Robinson

Journal special issue: Journal of Economic Inequality: Measuring Poverty Over Time <<u>http://www.wider.unu.edu/publications/books-and-journals/2012/en_GB/JEI-2012-special-issue/</u>>Guest editors: Luc Christiaensen and Tony Shorrocks

Forthcoming Book: Latin American Urban Development into the 21st Century: Towards a Renewed Perspective on the City <<u>http://www.wider.unu.edu/publications/books-and-journals/2012/en_GB/Latin-American-Urban-Dev/</u>>Edited by Dennis Rodgers, Jo Beall, and Ravi Kanbur

Book: Urbanization and Development in Asia: Multidimensional Perspectives <<u>http://www.wider.unu.edu/publications/books-and-journals/2012/en_GB/Urbanization-development-Asia/</u>>Edited by Jo Beall, Basudeb Guha-Khasnobis, and Ravi Kanbur

Book: Economies in Transition: The Long-Run View <<u>http://www.wider.unu.edu/publications/books-and-journals/2012/en_GB/economies-transition/</u>>Edited by Gérard Roland

WIDER Working Papers 2012<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wider-working-papers-2012/</u>>

On a Distance Function-Based Inequality Measure in the Spirit of the Bonferroni and Gini Indices S. Subramanian WP/062<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-062/</u>>

Foreign Aid in Dangerous Places: The donors and Mali's democracy Nicolas van de Walle WP/061<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-061/</u>>

Informed Selection of Future Climates

Channing Arndt, Charles Fant, Sherman Robinson, and Kenneth Strzepek WP/060<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-060/</u>>

The Effects of Group Composition and Fractionalization in a Public Goods Game: An Agent-Based Simulation Pablo Lucas, Angela C.M. de Oliveira, and Sheheryar Banuri WP/059<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-059/</u>>

Conflicting Measures of Poverty and Inadequate Saving by the Poor

Sugata Marjit WP/058<http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-058/>

On the 'Inclusiveness' of India's Consumption Expenditure Growth D. Jayaraj and S. Subramanian WP/057<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-057/</u>>

Aid and Infrastructure Financing: Emerging challenges with a focus on Africa Tony Addison and P.B. Anand WP/056<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-056/</u>>

Pro-poor Service Delivery and Social Identity: An Experimental Investigation Ulrike Mueller WP/055<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-055/</u>>

Does Aid Availability Affect Effectiveness in Reducing Poverty? François Bourguignon and Jean-Philippe Platteau WP/054<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-054/</u>>

Variable Populations and the Measurement of Poverty and Inequality: A Selective Overview S. Subramanian WP/053<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-053/</u>>

'Successful' Development Models in the MENA Region Imed Drine WP/052<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-052/</u>>

Opposition Politics and Urban Service Delivery in Kampala, Uganda Gina M. S. Lambright WP/051<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-051/</u>>

Can Cities or Towns Drive African Development? Economy-wide Analysis for Ethiopia and Uganda Paul Dorosh, and James Thurlow WP/050<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-</u>050/>

Donor Assistance and Urban Service Delivery in Africa Richard Stren WP/049<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-049/</u>>

The Development Implications of External Integration in Latin America José Antonio Ocampo WP/048<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-048/</u>>

Aid, Employment and Inclusive Growth in Conflict-Affected Countries: Policy Recommendations for Liberia Graciana del Castillo WP/047<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-047/</u>>

The Economic Implications of Introducing Carbon Taxes in South Africa Theresa Alton, Channing Arndt, Rob Davies, Faaiqa Hartley, Konstantin Makrelov, James Thurlow, and Dumebi Ubogu WP/046<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-046/</u>>

Does an Educated Mind Take the Broader View? A field experiment on in-group favouritism among microcredit clients Ivar Kolstad and Arne Wiig WP/045<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-045/</u>>

Income Inequality, Redistribution and Poverty: Contrasting rational choice and behavioural perspectives Malte Luebker WP/044<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-044/</u>>

Trans-border Land Acquisitions: A New Guise of Outsourcing and Host Country Effects Gouranga Das WP/043<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-043/</u>>

On the Impact of External Debt and Aid on Public Expenditure Allocation in Sub-Saharan Africa after the Launch of the HIPC Initiative

Maria Quattri, and Augustin Kwasi Fosu WP/042<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-042/</u>>

The Effects of Rural Land Right Security on Labour Structural Transformation and Urbanization: Evidence from Thailand Thanyaporn Chankrajang WP/041<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-041/</u>>

Ghana: The Limits of External Democracy Assistance

E. Gyimah-Boadi and Theo Yakah WP/040<<u>http://www.wider.unu.edu/publications/working-papers/2012/en_GB/wp2012-040/</u>>

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Tony Addison< <u>http://www.wider.unu.edu/aboutus/people/resident-researchers/en_GB/addison-tony/</u> > is Chief Economist
and Deputy Director of UNU-WIDER,
and the editor of WIDERAngle Newsletter.< <u>http://www.wider.unu.edu/media/en_GB/feature-articles/</u> >
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From:	ACORE
To:	Jaffe, Judson
Subject:	A Global Perspective on Renewables Development_Join Us May 16
Date:	Thursday, May 10, 2012 10:01:14 AM

Globalization and Renewables: The Future is now

Join us live May 16, 2012 in a city near you or via telephone & webinar.

Globalization is the central fact of our generation. It entails flows of capital, business products and applicable intellectual property. It has sweeping cross-border environmental impacts. It implies trade-offs in natural resource utilization.

Renewables must find their place in this changing world-wide economy as a solution to growing energy demands and as a competitive source of capital attraction.

This webinar focuses on several key ways renewable energy can be more fully integrated into the global energy markets. The panel features speakers from the Carbon War Room, guiding the deployment of capital worldwide to deal with the global warming crisis; DNV, having a hand in project due diligence and risk management assessments for offshore wind power development globally; Australia, a nation exporting adaptable home-grown renewable technologies to the United States and worldwide; and Westeva an American owned organization applying sophisticated new renewables analytical techniques developed in the United States to the Latin American markets.

The future of renewables rests on activities such as those our speakers will describe. On the Webinar, you will learn about:

* Pragmatic business and legal analysis to create wealth arising from strategies for the reduction of global carbon emissions

* Renewable energy technology transfer issues of renewable energy technologies to different legal and ecological settings

* Adaptation of U.S. technical renewables analysis to commercial ventures

* Lessons learned from the UK with respect to renewable energy deployment

* The roles which lawyers can play in enabling renewable proponents and companies to cope with and benefit from globalization

As the program title implies: for renewables, this is not about future shock--the future is now.

Q & A Submission:

Q & A both on the teleconference and live at the host firm sites, will follow the speakers' presentations. Please email questions to abaquestions@acore.org.

Call Times: 12:00 pm - 1:30 pm Eastern 11:00 am - 12:30 pm Central 10:00 am - 11:30 am Mountain 9:00 am - 10:30 am Pacific 8:00 am - 9:30 am Alaskan

Teleconference Co-Chairs: Robert F. Riley, Partner, Williams Mullen PC (Washington, D.C.) Michael W. Wise, McDonald Hopkins, LLC

Legislative Update: Todd Foley, SVP, Policy & Government Relations, ACORE

Moderators: Kimberly E. Diamond, Counsel, Lowenstein Sandler PC Roger D. Feldman, Counsel, Andrews Kurth LLP

Speakers: Ken Westrick, Founder and CEO, Westeva LLC and Westeva SAS Jigar Shah, Member of the Board, Carbon War Room Kelly Ralston, Senior Trade Commissioner, Australian Trade Commission Karen Conover, Vice President, DNV KEMA Energy & Sustainability

Additional Q&A Panelists:

Paul Adler, Investment Director, Australian Trade Commission Nigel Warren, Senior Trade Commissioner, Australian Trade Commission

How to Join

To participate in this call, please register online at: www.renewableenergyinfo.org <u>http://links.mkt3350.com/ctt?</u> <u>kn=25&ms=NTMzMDA3NwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk5MDU40DY1S0&mt=1&rt=0</u>. There is a \$45.00 administrative fee to participate.

Register: <u>http://links.mkt3350.com/ctt?</u> kn=22&ms=NTMzMDA3NwS2&r=NzkwMTYzMjc0NwS2&b=2&i=MTk5MDU4ODY1S0&mt=1&rt=0

Webinar Website: <u>http://links.mkt3350.com/ctt?</u> <u>kn=5&ms=NTMzMDA3NwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk5MDU40DY1S0&mt=1&rt=0</u>

CLE Credits

Available for Participants New York State CLE credits are now available through the Pace Law School Center for Continuing Legal Education. The administrative cost for CLE credits is \$30.00. A list of states who have reciprocity with the New York State Bar can be viewed here http://links.mkt3350.com/ctt? Kn=15&ms=NTMzMDA3NwS2&r=NzkwMTYzMjcONwS2&b=2&j=MTk5MDU4ODY1S0&mt=1&rt=0

Attendees at some host firm locations also may be eligible for CLE credits from the host firms. Please check with your 2011-2012 Host Firm location for availability of CLE Credits. <u>http://links.mkt3350.com/ctt?</u> <u>kn=29&ms=NTMzMDA3NwS2&r=NzkwMTYzMjcONwS2&b=2&j=MTk5MDU4ODY1S0&mt=1&rt=0</u>

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Sincerely,

Robert F. Riley, ABA Teleconference Co-Chair, Williams Mullen PC Michael W. Wise, ABA Teleconference Co-Chair, McDonald Hopkins, LLC <u>http://links.mkt3350.com/ctt?</u> kn=20&ms=NTMzMDA3NwS2&r=NzkwMTYzMjcONwS2&b=2&j=MTk5MDU4ODY1S0&mt=1&rt=0

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<u>http://links.mkt3350.com/ctt?</u> <u>kn=7&ms=NTMzMDA3NwS2&r=NzkwMTYzMjc0NwS2&b=2&i=MTk5MDU4ODY1S0&mt=1&rt=0</u>

Host Firm Locations

Atlanta, GA Barnes & Thornburg LLP <u>http://links.mkt3350.com/ctt?</u> <u>kn=29&ms=NTMzMDA3NwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk5MDU40DY1S0&mt=1&rt=0</u>

Chicago, IL Winston &Strawn LLP <u>http://links.mkt3350.com/ctt?</u> <u>kn=29&ms=NTMzMDA3NwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk5MDU40DY1S0&mt=1&rt=0</u>

Indianapolis, IN Faegre Baker Daniels LLP <u>http://links.mkt3350.com/ctt?</u> kn=29&ms=NTMzMDA3NwS2&r=NzkwMTYzMjc0NwS2&b=2&i=MTk5MDU40DY1S0&mt=1&rt=0

Minneapolis, MN Fulbright & Jaworski LLP <u>http://links.mkt3350.com/ctt?</u> kn=29&ms=NTMzMDA3NwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk5MDU40DY1S0&mt=1&rt=0 New York, NY White & Case LLP <u>http://links.mkt3350.com/ctt?</u> kn=29&ms=NTMzMDA3NwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk5MDU40DY1S0&mt=1&rt=0

Portland, OR Ater Wynne, LLP <u>http://links.mkt3350.com/ctt?</u> kn=29&ms=NTMzMDA3NwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk5MDU40DY1S0&mt=1&rt=0

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From:	Hall, Daniel
To:	Jaffe, Judson
Subject:	Accepted: Social Cost of Carbon Meeting
Start:	Thursday, February 09, 2012 2:45:00 PM
End:	Thursday, February 09, 2012 3:45:00 PM
Location:	<code>@EPA: Meet inside South Entrance of MT to walk over to EPA together</code>

Jaffe, Judson

From: Sent: To: Subject: Metcalf, Gilbert Thursday, February 09, 2012 9:20 AM Jaffe, Judson Accepted: Social Cost of Carbon Meeting

Jaffe, Judson

From: Sent: To: Subject: Heil, Mark Wednesday, February 01, 2012 5:34 PM Jaffe, Judson Accepted: Social Cost of Carbon Meeting

From:	Hall, Daniel
To:	Jaffe, Judson
Subject:	Accepted: Social Cost of Carbon Meeting
Start:	Thursday, February 09, 2012 2:45:00 PM
End:	Thursday, February 09, 2012 3:45:00 PM
Location:	<code>@EPA: Meet inside South Entrance of MT to walk over to EPA together</code>

Jaffe, Judson

From: Sent: To: Subject: Metcalf, Gilbert Wednesday, February 01, 2012 4:00 PM Jaffe, Judson Accepted: Social Cost of Carbon Meeting

From:	Heil, Mark
To:	Jaffe, Judson
Subject:	Accepted: Social Cost of Carbon Meeting
Start:	Thursday, February 09, 2012 2:45:00 PM
End:	Thursday, February 09, 2012 3:45:00 PM
Location:	<code>@EPA: Meet inside South Entrance of MT to walk over to EPA together</code>

From:	Carbon Trust
To:	Jaffe, Judson
Subject:	All-Energy event May 23rd & 24th
Date:	Wednesday, May 02, 2012 6:45:57 AM

The Carbon Trust are pleased to be invited to talk at the All-Energy event on May 23rd and 24th in Aberdeen. We are also exhibiting there and look forward to seeing as many of you as possible at the event.

Below are further details about the programme from the All Energy event team.

Alex Salmond to deliver keynote at All-Energy 201223-24 May, AECC, Aberdeen, UKAll-Energy 2012, the UK's largest renewable energy exhibition & conference, is just three weeks away and we are delighted to announce that the First Minister of Scotland, Alex Salmond MSP will be speaking, as will Charles Hendry MP, Minister of State for Energy, DECC.

Register to attend now >> (Free of charge) http://e-crmdata.ecircle-ag.com/re?l=6mqu15l1wa6qofl0

With over 580 exhibitors and a world-class conference , All-Energy is a great place for companies interested, or active in, the renewables sector to source the latest technologies, services, suppliers and advice in this flourishing sector.

Attractions at this year's event include:

- Comprehensive Exhibition - meet leading players across all renewables sectors: AMEC, Buccleuch BioEnergy, Cairngorm Solar, Co-operative Bank, EMEC, ENERCON, FarmEnergy Consulting, Honda, Kingspan, Kongsberg Maritime, GE, MG Renewables, Petrofac, Ports of Scotland, REpower, RES, Savills Energy, Siemens, Sky-Futures, SSE, Statkraft, Tata Steel, Vattenfall, Wood Group, Worcestor Bosch Group, UKTI, VYNCKE and hundreds more.

http://e-crmdata.ecircle-ag.com/re?l=6mqu15l1wa6qofl1

- World-class Conference - covering the key challenges & opportunities facing the industry across the entire spectrum of renewables - it's unmissable! The Carbon Trust is speaking in two Offshore Wind Sessions (<u>http://e-crmdata.ecircle-ag.com/re?l=6mqu1511wa6qof12#OW1</u>) and a Wave & Tidal Session (<u>http://e-crmdata.ecircle-ag.com/re?l=6mqu1511wa6qof13#WT5</u>).

http://e-crmdata.ecircle-ag.com/re?I=6mgu15I1wa6qofI4

- Three new zones - Smart Energy (energy efficiency, energy management, micro/ onsite generation), Low Carbon Vehicles, Ride & Drive

http://e-crmdata.ecircle-ag.com/re?l=6mgu15l1wa6gofl5

- UKTI one-to-to meetings - speak with market experts and buyers from across the globe about opportunities for your business http://e-crmdata.ecircle-ag.com/re?l=6mqu1511wa6qof16

- Giant Networking Evening - Make essential new contacts to help further your business and enjoy a relaxed and fun evening. http://e-crmdata.ecircle-ag.com/re?l=6mgu1511wa6gof17

PLUS: The Crown Estate's Offshore Wind Supply Chain Event - discover how you can become a supplier

to exciting offshore wind projects. Case-study speakers/ panelists: Areva, Gamesa, Mitsubishi Power Systems, Siemens, The Crown Estate and more.

Register to attend now >> (Free of charge) http://e-crmdata.ecircle-ag.com/re?l=6mqu15l1wa6qofl8

With the UK undergoing a renewable energy 'revolution', there has never been a better time to exploit market opportunities in this sector.

We look forward to welcoming you to All-Energy 2012.

Kind regards,

The All-Energy Team

PS Forward this link to your colleagues, so they can register too: <u>http://e-crmdata.ecircle-ag.com/re?l=6mgu15l1wa6qofl9</u>

To unsubscribe please click here: <u>http://e-crmdata.ecircle-ag.com/re?</u> <u>l=6mgu15l1wa6qofla®=mn%3D664FF8A58B8B%26mn2%3D41A73DF3</u> Dear Judson,

The latest developments in energy efficient lighting - such as LEDs and smart controls - can help you slash your organisation's energy costs and improve your lighting environment.

We would like to bring your attention to the ARC 2012 show, where we will be exhibiting our new energy efficiency service at stand GG44. If you need to source and implement new lighting equipment, Carbon Trust Implementation Services helps you obtain high quality proposals and competitive quotes for projects from accredited suppliers. Alternatively, if you are a lighting equipment supplier, you may be interested in joining the new service's accreditation scheme. <u>http://e-crmdata.ecircle-ag.com/re?</u> <u>l=6mph6el1wa6qof10</u>

In partnership with Siemens, we also provide easy, affordable financing for customers that need to finance their projects.

Please visit us at stand GG44.

Please see more information from the event organisers below.

Regards,

The Carbon Trust

The ARC Show London

Business Design Centre London 29 February - 1 March 2012

Attend Britain's leading lighting-design trade event and meet exhibitors who will provide the latest sustainable and forward thinking products and be inspired by industry focused features.

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ARC Show Innovation Awards Centre is your source for enhanced and bespoke products chosen for their perfect mixture of leading technology and individual creativity. Industry judges, James Dilley of Jestico & Whiles, mondo*arc's Paul James, Luminect's Durham Marenghi, David Morgan Associates David Morgan and IALD president and designer Kevin Theobold, will select three winners from the 15 finalists. http://e-crmdata.ecircle-ag.com/re?l=6mph6el1wa6qofl4

Enhance your atmosphere, enhance your projects

The multi-award winning architectural lighting genius Durham Marenghi leads an industry-star cast of at The ARC Show. The charismatic designer, who created lighting for the Olympics, The Queen's Light, and performance lighting, will bring theatrical lighting to the venue. A must-see for anyone with an interest in creative lighting...read more here: <u>http://e-crmdata.ecircle-ag.com/re?l=6mph6el1wa6qof15</u>

Register for FREE today & save the £15 onsite fee! <u>http://e-crmdata.ecircle-ag.com/re?</u> <u>l=6mph6el1wa6qofI6</u>

Kind regards,

The ARC Show Organised by UBM BE

To Unsubscribe please click here <u>http://e-crmdata.ecircle-ag.com/re?</u> <u>l=6mph6eI1wa6qofI7&req=mn%3D664FF8A58B8B%26mn2%3D41A73DF3</u> Ran across this and thought it was interesting:

http://www.travelweekly.co.uk/Articles/2012/06/01/40658/ba-demands-eu-reduce-scopeof-emissions-trading.html

BA demands EU 'reduce scope' of emissions trading

Jun 01, 2012 08:00AM GMT

British Airways has demanded the European Union restrict the emissions trading scheme (ETS) for airlines to European airspace to head off growing opposition from non EU-governments and carriers.

BA head of environment Jonathon Counsell said: "There is a high risk of non-compliance and retaliation and we have to find a way through.

"BA supports emissions trading. An appropriately implemented European ETS can be a first step towards a global approach. But this is inappropriate.

"Twenty countries have signed up to oppose the scheme, led by China, India, Russia and the US. India stated last week that if any penalties were imposed on its airlines [for non-compliance] it would ban EU carriers from India."

Counsell told an aviation seminar in London organised by the Westminster Energy, Environment and Transport Forum: "If we carry on as we are, ETS will collapse.

"The EU began talking about amending the scope of the scheme to flights that take off and land in the EU six weeks ago."

He said BA favours a different approach out of the three that appear possible: an intra-Europe scheme, an outbound-only ETS or a scheme restricted to EU airspace.

Counsell said: "We favour 'EU airspace'. This would address the main concern of non-EU airlines about the right of the EU to levy charges outside European airspace.

"It would keep other airlines in the scheme and we believe it could be applied quite easily. That is what we are pushing for."

He said restricting the ETS to EU airspace would reduce the scope of the scheme by 40%. "But it would preserve the scheme."

Counsell added: "Anything non-EU airlines do to comply and mitigate emissions in EU airspace would apply for the whole flight."

However, BA's head of environment also argued European carriers should be entitled to compensation for penalties imposed on them outside Europe from opponents of the scheme and for the costs of emissions trading if rival carriers are excluded.

Counsell said: "We are looking for protection from retaliation and compensation if we face charges for emissions that others do not.

"Every EU state will earn revenue from the auction of carbon allowances. The UK government estimates it will raise £130 million in the first year. Why not use that for compensation?"

He dismissed a suggestion that a localised emissions scheme could contribute effectively to cutting greenhouse gases. Counsell said: "No manufacturer is going to produce aircraft just for UK airlines. It has to be a global scheme."

Daniel Hall U.S. Department of the Treasury Phone: (202) 622-7801 Fax: (202) 622-6728 Email: <u>daniel.hall@treasury.gov</u>

From:	ACORE
To:	Jaffe, Judson
Subject:	Biofuels and the US Military_ Join Us April 4th
Date:	Saturday, March 17, 2012 9:47:36 AM

To view this mail in a browser, copy http://links.mkt3350.com/servlet/MailView? ms=NTIOMjUONgS2&r=NzkwMTYzMjcONwS2&j=MTk2MTM4NjIxS0&mt=1&rt=0 into your browser. BCC Webinar Series - Biofuels and the U.S. Military Join us April 4, 2012 via telephone or webinar.

This webinar will examine the strategies, opportunities and obstacles related to the expanded use of biofuels in support of national defense focusing on three major areas:

* What is being done to advance collaborations between the U.S. Military and the Biofuels industry and initiatives to increase the production and use of advanced biofuels?

* What are the obstacles to scaling up the use of biofuels by the military and how can they be addressed effectively?

* From a production standpoint - what is required to make production volumes and prices viable for DoD?

Speakers will highlight innovative ways the DoD is collaborating with private sector industries and advanced biofuel technologies to enhance combat operations, lower costs and support the military's mission to draw 25% of its energy from renewable sources by 2025.

Call Times: 12:00 pm - 1:30 pm Eastern 11:00 am - 12:30 pm Central 10:00 am - 11:30 am Mountain 9:00 am - 10:30 am Pacific 8:00 am - 9:30 am Alaskan

Co-Chairs: Bill Holmberg, Chairman, Biomass Coordinating Council (BCC) of ACORE Scott Sklar, Stella Group, Ltd.

Moderator: Michael Zimmer, Thompson Hine LLP

Speakers: Suzanne Hunt, Carbon War Room Joe Vollmer, Sturman Industries TBA, Solazyme Chris Tindal, U.S. Navy (invited)

Q&A:

Q & A session will follow the speakers' presentations. Please use the "ask question" button on your webinar screen to submit your questions.

How to Join:

To participate in this webinar, please register online. The webinar instructions will be emailed to you. There is a \$30.00 administrative fee to participate. ACORE member discount applies. <u>http://links.mkt3350.com/ctt?</u> kn=1&ms=NTIOMjUONgS2&r=NzkwMTYzMicONwS2&b=2&j=MTk2MTM4NjIxS0&mt=1&rt=0

Register: http://links.mkt3350.com/ctt? kn=4&ms=NTI0MjU0NgS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk2MTM4NjIxS0&mt=1&rt=0

This webinar is presented by the Biomass Coordinating Council of ACORE

click here to http://www.pages03.net/acore/Forms/Edit_preferences? spMailingID=5242546&spUserID=NzkwMTYzMjc0NwS2&spJobID=MTk2MTM4NjIxS0&spReportId=MTk2MTM4NjIxS0 or http://www.pages03.net/acore/Forms/OptOut? spMailingID=5242546&spUserID=NzkwMTYzMjc0NwS2&spJobID=MTk2MTM4NjIxS0&spReportId=MTk2MTM4NjIxS0 from all ACORE emails If you're having trouble viewing this email, you may see it online.



blogs keep the electorate up-to-date about the latest twist of the Republican primaries. The public can closely watch their president switching role from commander-in-chief to campaigner-in-chief and back. Primaries and the electoral campaigns are an important element in the democratic process, as the public has the chance to get to know the candidates and their political positions. The deliberate democracy at its best?

Looking behind the smoke of the electoral fight presents one with a different picture. Sixty percent of American voters declare themselves to be Independents, this is the highest figure since World War II. These Independents are the biggest group in the US electorate, outnumbering Democrats or Republicans. Yet they have hardly any chance to make themselves heard in the democratic process. The two dominant parties claim the system necessary for the political stability of the country. They dominate the ever more important sources of funding and in many states, independent parties are pushed aside by discriminatory legislation.

The struggle of the two parties to defend their party-duopoly, however comes at an ever-higher price: To defend his presidency, Barack Obama is expected to raise one billion dollars. The most expensive seat in Congress in 2010 was won by Tea-Party icon Michelle Bachman: she invested 11.6 million dollars. Winning a Senate seat cost 9 million dollars on average in 2010. These funds, a total of 3.7 billion dollars in the 2010 elections, suggest competitive races, but only 10 percent of the seats in the House of Representatives are truly competitive swing districts. So these enormous funds are used solely to keep the existing constituency happy. As these funds do not come without strings attached, this opens up the political process for abundant special interests. In spite of these enormous resources, more and more voters feel alienated from the political parties. Even worse: the approval rates for t

Who are these independent voters? They are by no means fringe voters at the edges of the political spectrum. On the contrary: most Independents are somewhat political centrist who simply differ from the simplistic options the two parties offer to them. The "passionate center" of Americans believes in fiscal responsibility and social tolerance; they favor environmental protection and campaign finance reform.

Independents are as essential as swing voters for both parties to win the majority. But these common sense voters have no say in most primaries as the candidates have to win over the ever more polarized members of their political party to achieve nomination. In their primaries, the US parties do not move to the embattled center but to their extreme fringes which make it difficult for them to attract Independents in the general elections. As a result, the elected members of Congress are more polarized, more partisan than ever before.

Even worse: whoever is going to win this presidential election will represent little more than 25% of the voters. This is a constant ruling of a minority over a majority of non-represented voters. Many Americans feel uneasy about these shortcomings of the political system as it has developed over past decades.

"A government of our own is our natural right" wrote Thomas Paine, a prominent proponent of the Enlightenment, in January 1776 in his

pamphlet "Common Sense", the most important document of the American democratic revolution. His call for political participation by the people and a truly representative system is today guiding many Americans seeking to gain back a system of inclusive and participatory democracy. It is time that they make their voices is heard.

Sincerely,

Klaus Linsenmeier Executive Director

Heinrich Böll Foundation



Climate Media Fellowships 2012

Do you want to learn and write about the low carbon energy transition that is currently underway in Europe and Germany? The Heinrich Böll Foundation is now accepting applications for its Climate Media Fellowships 2012.

Click here to apply for the Climate Media Fellowships 2012

Ecology

PUBLICATIONS



Baltic Sea: Developing a Regional Cooperation for Renewables in the Electricity Sector By Mats Abrahamsson January 2012

In this paper, Mats Abrahamsson takes a closer look at a region that could be a pioneer for regional cooperation in the EU: the Baltic Sea Region. As the first region with an EU regional cooperation initiative, this region could play an essential role in showing the EU the way forward by sharing their large potential of diverse renewable energy sources.

Click here to read <u>Developing a Regional Cooperation for Renewables</u>

Gender Equity and Sustainable Development

Remarks by Ambassador Verveer January 26, 2012

Prospects for sustainable development remain a serious challenge as our global economy, our natural environment, our social well-being and our political structures are in crisis. From the economy to climate change to food and agriculture, systems of governance are in disarray. Particularly women and girls are struggeling more in today's world.

Click here to read Gender Equity and Sustainable Development



The Future We Want. A Feminist Perspective

By Christa Wichterich January 2012

The multiple crises – the financial crash, hunger, climate change and resource scarcity – demonstrate that neoliberal market globalization cannot fulfill its promises: namely to bring about the optimal allocation of resources on the entire planet and thus be a win-win game for all.

Click here to read The Future We Want

Foreign & Security Policy

EVENTS

Fifth German Conference at Harvard

Friday, February 17 - Saturday, February 18, 2012 Harvard University, Boston ?

Germany led the way towards green energy in response to the Fukushima nuclear disaster. Weeks later, Berlin effectively isolated itself from its Western allies by abstaining from the UN Security Council vote on military intervention in Libya. The upcoming conference will explore the drivers behind Germany's ambiguous leadership.

Click here for more information and to register for the Fifth German Conference at Harvard

PUBLICATIONS

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Climate Change, Migration and Conflict Addressing Complex Crisis Scenarios in the 21st Century By Michael Werz and Laura Conley January 2012

Growing evidence of links between climate change, migration and conflict raise plenty of reasons for concern and it's time to start thinking about new answers to these multifaceted crisis scenarios. This publication is part of the cooperation project Climate – Migration – Security with the Center for American Progress.

Click here to read <u>Climate Change, Migration and Conflict</u>

Your Ideas, Your NATO: 2012 Policy Workshop Competition January 2012

Atlantic-community.org is inviting students and young professionals to contribute their policy ideas on key issues of the upcoming NATO Summit in Chicago in the policy workshop, "Your Ideas, Your NATO." Participate

for a chance to discuss your ideas directly with decision makers, including US Ambassador Philip Murphy and a NATO representative, during the May 21 summit.

Click here to read about the competition Your Ideas, Your NATO

Democracy

EVENTS



An Assessment of Iran's Upcoming Parliamentary Elections Thursday, February 9th 2012, 12.00pm-1.15pm Washington, DC

What will the Iranian government do after the upcoming parliamentary elections in Iran if there is a widespread boycott? What will the outcome be for Iranian politics and society? Hosein Ghazian, an expert on the electoral process, will present a preview of the March 2 Iranian parliamentary elections.

Click here to RSVP and for more information on <u>An Assessment of Iran's Upcoming</u> <u>Parliamentary Elections</u>

PUBLICATIONS

Dangerous Journey: Migration Through the Transit Country Mexico By Jennifer Dresel

December 2011

The discovery of 72 killed migrants in the northern state of Tamaulipas in August 2011 was a tragic event that accelerated and enhanced public awareness for the problem of severe human rights violations toward migrants in Mexico. Since then, new cases are continually coming out in the open.

Click here to read **Dangerous Journey**

Economic Governance

PUBLICATIONS



G20 Update February 2012 February 2012

The G20 Update for February highlights plans for the upcoming Mexican Summit, the trade union movement's G20 agenda, an analysis of the G20's "financial inclusion" initiative, provocative questions about the G20's

development agenda and questions about the G20's readiness to tackle the causes of the global food crisis.

Click here to read the <u>G20 Update for February</u>

What is "Country Ownership"? Do Social and Environmental Safeguards Destroy It? By Nancy Alexander

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January 2012

This paper reviews and critiques the ways in which, in the name of country ownership, standards (e.g., transparency, participation, fiduciary, social, environmental protection) are being weakened or abandoned.

Click here to read What is "Country Ownership"?

How Policymakers Can Help Firms Get Rights Right

By Susan Ariel Aaronson

In her policy paper, Susan Aaronson underscores how firms often operate in states where human rights may not be respected. For these firms, the Guiding Principles (GP) on Business and Human Rights, adopted by the UN in 2011, delineate their human rights responsibilities. This paper identifies how policy-makers can help firms meet these responsibilities.

Click here to read How Policymakers Can Help Firms Get Rights Right

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HEINRICH BOLL STIFTUNG | North America

The Green Political Foundation

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Contents

<u>Climate Media Fellowships 2012</u> (call for applications) <u>Midwest Clean Energy Tour in June/July 2012</u> (events) <u>Rural Clean Energy Tour in September 2012</u> (events)

Editorial

Dear Friends and Colleagues,

Today we wish to introduce you to our new program, "<u>The Climate</u> <u>Network – Revitalizing Transatlantic Relations for a Green Economy</u>", supported by the <u>EU Delegation to the United States</u>.

The Climate Network will – over the next two years – focus on the question of how rural communities and villages, through engaging in concepts such as electric cooperatives, can push for a low carbon economy. Our thematic focus is driven by the urgency to fight climate change. Despite ever increasing evidence that climate change is real, our dependence on traditional fossil fuel continues to grow.

At the same time, Europe and the United States are somewhat drifting apart while trying to tackle these challenges that we so urgently need to address. The European Union has set itself ambitious climate and energy targets while the United States has on the federal level decided to instead increase domestic fossil fuel production. This divide comes as both Europe and the United States are facing severe budget crises that set constraints on our transition towards a low carbon economy. While many people may see ambitious climate and energy policy as a problem rather than a solution in a staggering economy, there are many examples of businesses that are discovering the opportunities of the new markets and sustainable business models and providing jobs

Boell Brief 2-2012

Special Issue

The Climate Network 2012-2013

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which are in fact more resilient in times of economic crisis.

Sharing the right stories becomes ever more important. In Germany, for example, much of the push towards a clean energy transition comes through a bottom-up approach from the local level. There is literally a small-town revolution underway where villages and communes are striving to become so-called "100% self sustained renewable energy communities". People are increasingly realizing that the economic benefits are in fact numerous and speak for themselves: creating well-paying jobs, generating tax revenue and strengthening community engagement around a common cause. We are witnessing a growing interest in the United States to learn more about these European experiences and to exchange best practices across the Atlantic.

Together with our offices in <u>Brussels</u> and <u>Berlin</u>, we will contribute to shaping the transatlantic energy and climate policy debate over the next two years through organizing a variety of policy dialogs, study trips, public speaking tours and informal roundtables.

We look forward to embarking on an exciting journey with you as part of our Climate Network. For the moment, however, be sure to take a note of some of the highlights planned for 2012.

With Best Wishes,

Klaus Linsenmeier & Rebecca Bertram Heinrich Boell Foundation

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Climate Media Fellowships 2012 – Call for Applications Deadline: 29 February, 2012

The Heinrich Boell Foundation is now accepting applications for its Climate Media Fellowship intended to familiarize U.S. energy experts with the European and German experiences and policy solutions and to communicate these into the US policy debate on local, regional and national levels. The fellowship is open to media journalists and students of

any energy/climate related discipline from the U.S. who are eager to learn and report about the European and/or German energy transition.

For questions, please contact <u>Rebecca Bertram</u> Click here for more information on the <u>Climate Media Fellowships</u>

Midwest Clean Energy Tour (June/July 2012)

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This week-long speaking tour will bring one or two European experts from an electric cooperative to the Midwest to share practical advice on how the low carbon energy transition can create local and cooperative business opportunities. The speaking tour will be tied to <u>International Year of Cooperatives 2012</u> and consist of bilateral meetings and roundtable discussions and workshops with the interested public throughout the Midwest.

Please check back for updates on <u>The Climate Network</u>

Rural Clean Energy Tour (September 2012)

We aim to bring 8 to 10 American experts from rural and electric cooperatives in the Midwest to Germany and Denmark to witness how rural areas are making the transition towards a low carbon economy. The program of the tour will consist of meetings with representatives from "100% renewable energy communities" and electric cooperatives who can highlight the economic benefits for communities from a low carbon energy transition. Participants in the trip will partake in the

congress on 100% Renewable Energy Communities organized by the <u>German Renewable</u> <u>Energy Agency</u> as well as the <u>Husum Wind Energy Fair</u>, one of the world's leading wind energy fairs.

Please check back for updates on <u>The Climate Network</u>

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Americans when she tried to convince policy makers and the public that "harnessing Asia's growth and dynamism is central to American economic and strategic interest".

But a superpower with global interests cannot always choose where to pursue those interests. The repercussion of a burst housing bubble that spread to Europe to create a banking and sovereign debt crisis in the European Union, the biggest regional market on the globe, was a hard reminder how deeply the <u>transatlantic economies</u> are connected to each other.

Just as the Euro-crisis is affecting the future of the US economy, so are the regional geopolitical challenges in the "old continent's" neighborhood: the <u>Arab Spring</u> will need many more years before either steering the countries on the path of democracy or – after years of secular, but authoritarian rule – turn into another rule of religious fundamentalism. And now Iran, again: The regime is denying its own people basic human and civil rights and threatens to destroy Israel, its alleged arch enemy. Europeans and Americans have jointly reacted condemning the regime's threats, imposing sanctions and keeping engaged in joint negotiations.

As in the Libyan case, Americans and Europeans are demonstrating that they can act together effectively. The same should be true in relation to Israel: the West cannot tolerate that a UN-member state and the sole democracy in the region is threatened in its very existence by the Iranian theocrats. But we also should not buy into all arguments of a government that fails to accommodate its ever more diverse constituency nor integrate the country in the environment of a region in transition towards - hopefully - more democracy. The option of a surgical military action against assumed nuclear installations seems tempting, but the effects on Iran's nuclear program remain doubtful and the military consequences unpredictable. A new war would be of little help in promoting democracy in the region and would instead target a global economy that still runs on oil. It would not further the security that Israel as a state and a society has a fundamental right to. It would rather weaken the efforts of its allies to support the country's security and economic prosperity.

America and Europe have to continue to cooperate on a new approach to the conflict-ridden Middle East. Iran's intolerable threat vis-a-vis Israel is not the region's only problem. Another is the <u>peace process</u> <u>between Israel and Palestine</u> that, as frustrating the topic may be, remains a cornerstone for regional security and stability.

Secretary Clinton is right that Asia is critical to America's future. The same is true for Europe. The globalized world is as closely economically connected as never before. But the Western paradigm of liberal democracy, human rights and open markets by no means sells itself, particularly not in Asia.

At the same time, Europe and America have to prepare for the upcoming <u>new security challenges</u>. Both sides still lack convincing strategies for the future of our collective security. Harnessing Asia's growth and dynamism is only possible on the basis of a solid transatlantic partnership, not at the expense of it.

Kind Regards,

Klaus Linsenmeier

Executive Director Heinrich Boell Foundation

Ecology

PUBLICATIONS

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Myths and Facts. The German Switch from Nuclear to Renewables By Craig Morris March 2012

Germany's decisio

Germany's decision to phase out nuclear power after Fukushima has been criticized as it would lead to rising emissions and a shortage of power supply. A fact check proves these claims to be wrong. Today, renewable energies provide for more than a fifth of electricity demand in Germany. The country is on track to surpass its ambitious climate targets and even exports electricity to Europe's nuclear power house, France.

Click here to read Myths and Facts

Transatlantic Tar Sand Storms. Lobbying and Dirty Oil are Canada's New Exports

By Eva Zschirnt and Arne Jungjohann March 2012

In its tar sands, Canada has the biggest oil reserves worldwide after Saudi Arabia. While delaying climate action at home, the Canadian government is undermining international efforts in fighting climate change. Low carbon fuel standards in the EU and California or the denial to build the Keystone XL pipeline through the US would be a major setback for Canada's export of oil from tar sands.

Click here to read <u>Transatlantic Tar Sand Storms</u>

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The Green Economy - The New Magic Bullet? *By Barbara Unmüßig* March 2012

In this essay, the president of the Heinrich Boell Foundation, Barbara Unmuessig, critically reflects on the opportunities for and the shortcomings of the concept of a "Green Economy" to influence economic policy making globally, its relationship to the paradigm of sustainable development and the need to rethink our understanding and focus on



growth.

Click here to read The Green Economy

The Final Battle. Why Solar Power Spells Doom for Conventional Baseload Power Plants

By Volker Quaschning March 2012

Germany has seen record investments in solar energy. Thus, coal and nuclear utilities are calling for an end to solar incentives. They might be able to delay the boom of solar power. But it is too late to stop it altogether, argues Volker Quaschning in this article.

Click here to read The Final Battle

European Climate Leadership – Durban and Beyond

By Hans J.H. Verolme March 2012

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Can Europe assert leadership on climate change in light of its myriad problems? The EU was key in shaping the outcome of the last UNFCCC negotiations, the so-called Durban Platform. This paper analyzes the prospects for Europe to continue to act as a driving force towards a greener planet, both at home and abroad.

Click here to read European Climate Leadership

Climate Media Fellows 2012

The Heinrich Boell Foundation is proud to announce this year's Climate Media Fellows. Anastasia Emelianoff, Kari Lydersen, Daphne Wysham and Osha Gray Davidson were selected last month and will be traveling to Europe between now and September to research and report on the European low carbon transition.

Click here to read about the Climate Media Fellows

Foreign and Security Policy

PUBLICATIONS

Climate Change, Migration, and Conflict in Northwest Africa Rising Dangers and Policy Options Across the Arc of Tension

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Northwest Africa is crisscrossed with climate, migration, and security challenges. From Nigeria to Niger, Algeria, and Morocco, this region has long been marked by labor migration, bringing workers from sub-Saharan Africa north to the Mediterranean coastline and Europe. For the United States and the international community, this region is critical because of its potential for future instability. This paper tracks how the overlays and intersections of climate change, migration, and security create an arc of tension in Northwest Africa comprising Nigeria, Niger, Algeria, and Morocco.

Click here to read <u>Climate Change, Migration, and Conflict in Northwest</u> <u>Africa</u>

Solidarity and Strength. The Future of the European Union

(full publication available) April 2012

With the ink on the Treaty of Lisbon scarcely dry, the European debt crisis has once more raised the question as to how the EU should be constituted. The Union's ability to hold together and withstand the crisis is being put to the test. Against this background, the Heinrich Boell Foundation set up a commission in 2010 to examine the future of the EU and a summary of its findings can be found in this publication.

Click here to read Solidarity and Strength

International Security Guarantees on the Way to a Permanent Agreement on a Two-State-Solution Israel/Palestine By the Core Group March 2012

From mid-2010 to mid-2011 a working group of Israeli and Palestinian security experts developed concrete proposals and practical steps for international security guarantees in the case of a two state solution between Israel and Palestine. This work was undertaken at the invitation of the Heinrich Boell Foundation. The group presents their recommendations at several events in Berlin, Brussels and Washington, DC.

Click here to read International Security Guarantees

Democracy

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PUBLICATIONS

Syria's Revolution: Society, Power, Ideology. Perspectives Issue 3 *By Hassan Abbas, Yassin al-Haj Saleh, Jihad Yazigi and others* February 2012

It is almost a year ago that Syrian citizens, inspired by the revolutions in Tunisia and Egypt, courageously took to the streets in protest against the decades-long denial of their basic rights by the Assad regime.

Click here to read Syria's Revolution: Society, Power, Ideology

Economic Governance

PUBLICATIONS

G20 Update for April 2012 April 2012

The April G20 Update describes perspectives on (and plans for) engagement by civil society organizations (CSOs) in activities related to the Mexican G20 Summit in June; the Argentine CSO platform on the G20; how two CSO leaders in Indonesia and India view the G20; and recommendations to the G20 from business, labor, and citizens' groups.

Click here to read the <u>G20 Update for April</u> (in ENG and ESP)

Business 20 (B20) Dossier

The B20 exerts a strong influence on the decisions of the G20. Documents by or about the B20 and its associates (e.g. the World Economic Forum, McKinsey and Company, Chambers of Commerce) are published here.

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Click here to read the <u>B20 Dossier</u>

Culture

EVENTS

Daniel Libeskind: Architecture for the Angel of History

Wednesday, 9 May to Friday, 31 August 2012 Goethe Institute Washington DC FotoGalerie 812 7th Street Washington, DC 20001

Germany has Daniel Libeskind to thank for several museums of great national significance, including the Jewish Museum in Berlin and the Military History Museum in Dresden. Even before its opening in September 2001, the Jewish Museum was overwhelmed with its success. With over 8 million visitors from 40 countries, it has become the most visited cultural attraction in Berlin. The exhibition will present photographs of these and other living expressions of memory designed by Daniel Libeskind.

Click here for more information on the exhibition <u>Daniel Libeskind:</u> <u>Architecture for the Angel of History</u>

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Have either of you seen this?

http://www.brookings.edu/~/media/research/files/papers/2012/4/pricing%20carbon%20morris/04_pricing_carbon_morris.pdf

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

From:	Metcalf, Gilbert
To:	Jaffe, Judson
Subject:	Brookings carbon tax event
Date:	Monday, July 16, 2012 9:46:06 AM

Jud,

Were you planning to attend the Brookings event on July 27? I may have a meeting conflict that morning but would like someone from our office to attend. Gib

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov If you are not viewing this email correctly, click here

Forward to a friend

The International Emissions Trading Association (IETA) and Koelnmesse, are pleased to announce our 7th Annual Carbon Forum Asia to be staged from 30 - 31October 2012 in Bangkok, at the Centara Grand & Bangkok Convention Centre at CentralWorld.

Located in the center of Southeast Asia, Thailand is at the heart of the region and easily accessible to key markets. Staging Carbon Forum Asia for the first time in Bangkok will offer the Asian and global carbon, energy and financial community once again a unique opportunity to network, develop new business opportunities and stay updated on the most current issues and trends.

The Asia-Pacific region is poised to lead the growth of carbon markets more than anywhere else. This year's edition will offer attendees the opportunity to find out how investors and policy makers are spending more time understanding the complexities and prospects for carbon and finance in Asia. With China's seven voluntary pilots set to launch next year, there is a lot to learn from the market. Australia's clean energy package will become operational from 1st July 2012, and investors and industry professionals are ramping up their efforts in the Tasman market. Japan, Korea, and Taiwan are just some of the countries looking to put in place a national emission trading scheme in the coming years. This exciting 7th edition will take a closer look at the Asia-Pacific region and the future role it plays for the global carbon and financial markets.

Focusing on the growing leadership of the Asia Pacific market, Carbon Forum Asia 2012 will continue to serve as the region's leading business, trading and knowledge platform for Asian carbon market professionals.

Be part of Carbon Forum Asia 2012, and welcome to the Kingdom of Thailand!Post Show Report 2011 View website

March 2011

Carbon Forum Asia 2012

Date 30 - 31 October 2012

Venue Centara Grand & Bangkok Convention Centre, CentralWorld

Opening times 08:00hrs - 18:00hrs

Website www.carbonforumasia.com

Koelnmesse Pte Ltd

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Conference Program & Side Events International Emissions Trading Association (IETA) Ms Lisa Spafford Director Conferences & Strategic Partnership Tel: +41 22 737 0502 Fax: +41 22 737 0508 spafford@ieta.org

Koelnmesse Pte Ltd. 152 Beach Road #25-05 Gateway East Singapore 189721 Tel: +65 6500 6700 Fax: +65 6294 8403If you do not wish to receive information about this event in the future, please click here.

From:	Carbon Trust
To:	Jaffe, Judson
Subject:	Carbon Trust April Newsletter
Date:	Wednesday, April 04, 2012 5:42:13 AM

To View in your browser please click http://e-crmdata.ecircle-ag.com/re?l=6mgdtt11wa6gof10

Carbon footprinting

The Carbon Trust has been busy pioneering the carbon footprinting of products, services and companies and currently has several initiatives under way, exploring and promoting the benefits of footprinting.

Footprinting Gallery

This week we launched our carbon 'footprinting gallery' - a special event which creatively championed the good work of a selection of customers, and highlighted the positive impact of footprinting - for example how it can lead to innovation in product design and the supply chain, as well as generate financial and carbon savings. Carbon Footprint Gallery

Gary Neville opened the gallery with a brief talk about his interest in sustainability and roles as Founder of Sustainability in Sport and as the Environmental Ambassador for Manchester United. The popular exhibition ran over two days and revealed interesting visual representations of footprinted products, services and organisations, and explored the stories behind these familiar products and companies.

Read the press release

http://e-crmdata.ecircle-ag.com/re?l=6mqdttl1wa6qofl1

Times event

On 20th March, 50 guests joined a lively event with the Times at St Martin in the Fields on the future of global foot-printing. Panellists debated whether foot-printing was limited to business or established in consumer vernacular, and how brands could do more to help educate and inform consumers about resources (e.g. carbon, water, rare earth metals) used in every-day goods and services.

Speakers were chaired by Ian King, Business Editor of The Times, and included Hubert Patricot - Coca-Cola Enterprises; Fiona Ball - BskyB; and Paul Turner - Lloyds Banking Group.

It was a lively event with great contributions from the panel and audience on the issues and opportunities related to carbon footprinting.

Why we need carbon footprinting and labelling

Viewpoint from Darran Messem, Managing Director, Carbon Trust Certification

As the world's expert in carbon footprinting, and the first company to create a carbon label for use on products, we are passionate about why companies and consumers should embrace carbon footprinting and labelling.

Why? It all comes down to creating change. For the world to move itself off carbon and meet our 2050 carbon targets we need to act, and act very fast, in reducing our global emissions. That means, given that carbon dioxide is emitted in the production and consumption of all we consume, reducing the emissions in everything we manufacture, sell and buy. This clearly is not an easy task. <u>http://e-crmdata.ecircle-ag.com/re?l=6mqdtt11wa6qof12</u> Food, the Carbon Story

Viewpoint by Dr John Kazer, Carbon Footprint Certification Manager, Carbon Trust Certification

Read John's insights on carbon footprinting food products, in which he talks about the reasons why we should measure the carbon footprint of the food we eat, how emissions are generated in the food industry and how we can address the emissions from production and distribution. John also discusses the benefits to organisations of footprinting their products, which includes lowering costs and carbon, and enhanced brand reputation.

http://e-crmdata.ecircle-ag.com/re?l=6mqdttl1wa6qofl3

Business	

Carbon Trust partners with GE to accelerate European clean tech business growth

In February the Carbon Trust and GE announced a new pan-European partnership to accelerate European clean tech growth amid growing evidence that the region is struggling to keep up with other parts of the globe in this critical sector.

The initial 18 month phase of the partnership includes a \$5 million business incubation fund targeted at new low carbon technologies in the area of infrastructure applications. The Carbon Trust will work with GE to identify and evaluate early stage companies, then incubate and invest in those with the most potential.

http://e-crmdata.ecircle-ag.com/re?l=6mqdttl1wa6qofl4

The initiative is an extension of GE's Ecomagination Challenge - a \$200m global programme to find and fund the best ideas in clean tech technology

Empower employee engagement tool

The Carbon Trust Empower[™] employee engagement tool now has over 1,600 users since its launch in January 2012. This online tool empowers employees to make changes to reduce energy costs within their workplace, through small commitments which can lead to large savings. Empower has the potential to save a typical small business approximately £6k off their energy bill and larger businesses £150k.

Check out the tool here http://e-crmdata.ecircle-ag.com/re?l=6mgdttl1wa6qofl5

Empower can be tailored to meet specific needs, and to engage employees that are not based in an office environment. Contact <u>mailto:empower@carbontrust.co.uk</u> for further information about this tailoring service.

Public sector

Public sector shows most commitment to carbon reduction

An online poll on the Guardian Sustainable Business website of the public, private and third sectors has revealed that the public sector is the most committed to reducing carbon emissions.

Over half (58%) of public sector respondents said their organisation planned to make 'tangible investments' in carbon reduction in 2012 with 77.9% agreeing that it had remained a key facet of the

organisation's objectives despite the difficult economic climate. <u>http://e-crmdata.ecircle-ag.com/re?l=6mqdttl1wa6qofl6</u>

Energy Efficiency

UK organisations could save £400m from efficient use of boilers

The Carbon Trust has found that UK organisations could save over £400m a year by taking simple, low-cost actions to improve the efficiency of their hot water boilers.

Analysis by the Carbon Trust reveals that heating and hot water accounts for over one third of UK organisations' energy consumption and up to 60% of the carbon emissions from some UK industrial processes, such as food production and laundering - where demand for steam or hot water is high. However, it's possible to cut heating costs by up to 30% by implementing some simple boiler-related energy saving measures.

http://e-crmdata.ecircle-ag.com/re?l=6mqdttl1wa6qofl7

Click here for our technology and energy management publications <u>http://e-crmdata.ecircle-ag.com/re?l=6mqdttl1wa6qofl8</u>

Technology

Carbon Trust forms part of UK wide consortia to set up multi-million Offshore Renewable Energy 'Catapult' Centre

A UK-wide consortium made up of the Carbon Trust, National Renewable Energy Centre (Narec), and Ocean Energy Innovation will play a pivotal role in setting up the Offshore Renewable Energy Catapult - an initiative by the Technology Strategy Board (TSB) to develop offshore renewable energy capability in the UK.

The offshore wind catapult is part of a network of world-leading technology and innovation centres, called Catapults, led by the TSB to transform the UK's capability for innovation in specific technology areas and help drive future economic growth. Further information on Catapult centres http://e-crmdata.ecircle-ag.com/re?l=6mgdtt11wa6gof19

Further information on the Offshore Renewable Energy Catapult <u>http://e-crmdata.ecircle-ag.com/re?l=6mgdttl1wa6qofla</u>

Low Carbon Buildings

Low Carbon Workplace launches first fully energy-managed low carbon office

160-year-old building in Guildford, Surrey, up to 60% lower carbon than industry standard

In February Low Carbon Workplace (LCW) fund launched its first ever low-carbon refurbished building, putting into practice a new model of landlord-tenant relationship in which LCW takes an active role in helping occupiers to manage energy usage down on an ongoing basis. The first occupier, Investec Wealth and Investment Ltd, is already benefitting from energy efficiency advice... Read more

http://e-crmdata.ecircle-ag.com/re?l=6mqdttl1wa6qoflb

Publications Carbon Trust Publications From 2 April 2012 we will be offering publications by download only - the majority of our users now prefer this method.

Website

We've changed the look and feel of our website! www.carbontrust.com Based on customer feedback and research, we've redesigned and streamlined our site. The site launched in beta form on 29 March 2012, with additional content and publications being added throughout April. By the end of April the site will be complete so please bear with us in this time. Twitter Twitter: We have over 14,000 followers on Twitter. Keep up to date with our low carbon news and follow us here

Contact Us Call our Advice Line on 0800 085 2005

or send us an email mailto:info@customercentre.carbontrust.co.uk

To Unsubscribe please click here. <u>http://e-crmdata.ecircle-ag.com/re?</u> <u>l=6mgdttl1wa6qoflc&req=mn%3D664FF8A58B8B%26mn2%3D41A73DF3</u> Carbon Trust breakfast briefing: the business benefits of carbon footprinting.

Dear Judson,

We are delighted to invite you to attend our free carbon footprinting breakfast briefing.

This briefing is designed to share the Carbon Trust's latest thinking and insight into how measuring and verifying your carbon footprints can help your organisation cut costs and enhance your brand.

Date: Wednesday 13th June 2012 Venue: MWB, 60 Cannon Street, London, EC4N 6NP Agenda: 8:00am breakfast; 8:30am briefing and case studies; 10:15am Q&A RSVP: Email ctevents@footprinting.co.uk to secure your place today

By attending this briefing you will gain:

Understanding of the different ways that carbon footprinting can help your business be more effective

Knowledge of how to use carbon footprinting as a diagnostic tool to identify near and long term cost efficiencies

Information on how validated data can help you respond to supply chain, stakeholder and customer demands

Insight into leading companies' own experiences on carbon footprinting

Networking opportunities with like-minded organisations

The opportunity to pre-book a 1:1 consultation with a Carbon Trust expert.

Visit <u>http://e-crmdata.ecircle-ag.com/re?l=6mrt8el1wa6qofI0</u> to see all available dates, locations and agenda. RSVP to <u>mailto:CTevents@footprinting.co.uk</u> today to register as places are limited.

We look forward to hearing from you.

Best wishes

Darran Messem Managing Director Certification and Director International

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I=6mrt8eI1wa6qofI1&req=mn%3D664FF8A58B8B%26mn2%3D41A73DF3

+ + +

Latest news from the Carbon Trust, January 2012

++ Section One: Business

+01: Employee engagement: the Carbon Trust's new online tool empowers employees to make changes to reduce energy costs within their workplace

This month the Carbon Trust launched Carbon Trust Empower, a web-based tool which engages employees to make practical commitments to save energy in the work place. It provides an interactive animated tour of a typical workplace, starting by considering how an employee arrives for work, moving on to their desk and other office areas to complete the journey.

Changing employee behaviour could save UK businesses and public bodies £500m and two million tonnes of CO2 – equivalent to the annual carbon emissions of all the households in Birmingham.

By engaging employees in cutting energy use, paper waste and travel, Carbon Trust Empower has the potential to save a typical small business over 15% off their energy bill or more than £6k per year – equivalent to powering 3.5km of street lights for a year. Larger businesses that base their approach on this tool could save £150k and over 500 tonnes of carbon dioxide annually.

Read the press release http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qofI0

Try out the tool and sign up to energy saving at http://e-crmdata.ecircle-ag.com/re?l=6moscz11wa6qof11

Companies interested in tailoring the software for their own business should call the Advice Line on 0800 085 2005.

+02: Supply chain: What is the financial imperative for cutting carbon in the value chain?

Dominic Burbidge, Senior Client Manager Carbon Trust Advisory discusses the financial drivers for cutting carbon

By definition a value chain is the process of adding value to raw materials. Optimising the use of these raw materials in the creation of products and services is central to business strategy.

A by-product of this value creation process is the generation and release of carbon emissions – lots of them. Many business leaders, particularly CFOs, have seen the financial benefits of cutting emissions in their own organisations. However, when it comes to dealing with carbon emissions generated upstream by suppliers and downstream by customers, there's a different story to tell: currently, fewer than half of multi-nationals (40%) are addressing these indirect carbon emissions, so are missing out on reaping considerable cost savings.

Read more: <u>http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qofl2</u>

This Viewpoint is part of a series of articles examining indirect carbon emissions in the supply chain. Read other viewpoints in the series: <u>http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qofl3</u> ++ Section Two: International.

+01: Durban: our reflections a month after COP17 - the Durban Platform, future of Kyoto, climate finance and where it all leaves us

Viewpoint from Simon Retallack, Strategy Manager, Carbon Trust

Immediate reaction to the outcome of the United Nations climate negotiations in Durban was decidedly mixed. Some commentators acclaimed the conference for having achieved what more than a decade of climate change negotiations had never done before. Others slated it as an abject failure, accusing world governments of turning their backs on the stark realities of climate science.

A month on, with the spin on both sides having died down, what does a sober look at the facts tell us about what actually happened in Durban and what the implications might be?

Read more: <u>http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qofl4</u>

+02: Carbon Trust to advise Brazilian government on energy efficiency drive

http://e-crmdata.ecircle-ag.com/re?l=6mosczI1wa6qofI5

++ Section Three: Public sector.

+01: Schools: Benefits of driving energy efficiency in schools

Viewpoint from Richard Rugg, Director of Carbon Trust Programmes

With a squeeze on school budgets, it has never been more important for local authorities to identify low cost ways to deliver high financial savings. Reducing energy consumption is one of the quickest and simplest ways to deliver direct savings and could help the average secondary school save £21,500 in energy bills – almost equal to the annual salary of a newly qualified teacher.

Read more: http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qofl6

+02: Councils: Enplanner tool – saving costs, improving efficiency and creating an effective low carbon planning system

http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qofl7

+01: Schools: Renewable energy: Biomass Energy Centre and the Carbon Trust launch the National Biomass Suppliers database

http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qofl8

+02: Advice: Expert in Energy series - Lighting

The Carbon Trust's Expert in Energy series focuses this month on Lighting. Lighting uses some 20% of the electricity generated in the UK; and over 75% of lighting installations are thought to be out of date and unable to meet current design standards. To help organisations improve the efficiency of their lighting Carbon Trust has launched a new technology overview guide, updated web pages, and a free training webinar all available to view online at http://o.org/data.ac/update.ac/up

http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qofl9

++ Section Five: Technology.

+01: Clean tech: Clean tech in stormy times – how is low carbon technology doing?

http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qofla

++ Section Six: Events.

+01. Carbon Trust Evening Reception

On a wet December 1st we held our Evening Reception: Where is the Real Green Growth? Over 100 guests gathered at the Law Society to hear BBC HardTalk presenter Stephen Sackur quiz the panel on the opportunities and challenges in the future of green business and how we can create jobs, growth and returns.

Contributions came from Joe Franses, Head of Corporate Responsibility and Sustainability at Coca-Cola Enterprises; Fintan Whelan, Co-founder and Corporate Finance Director at Mainstream Renewable Power; Ray Baker, Director Group Corporate Responsibility, Kingfisher; Juliet Davenport, CEO and Founder of Good Energy; and Tom Delay, CEO at the Carbon Trust.

The challenge was to identify where investments should be made, discuss innovations, future renewable and clean energy sources and how to deliver green growth. The mood was positive with the panel strongly believing in the gains to be had and that leading the way and changing how business operates is the right move for successful business. The panel agreed now is the time to invest in sustainable business models and Ray Baker remarked that doing nothing carries the biggest cost. After the debate guests enjoyed digesting the conversation and networking over a few drinks before stepping out into the rainy evening once more.

+02. Upcoming events

Carbon Trust Energy Efficient Breakfasts provide energy management training for SMEs, to help save money, improve energy efficiency knowledge, and enhance business reputation. Find an event near you: <u>http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qoflb</u> ++ Section Seven: Recent Publications.

Lighting technology overview (CTV049) http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qoflc

Variable speed drives (VSDs) technology guide (CTG070) <u>http://e-crmdata.ecircle-ag.com/re?l=6moscz11wa6qofId</u>

Motors and drives technology overview (CTV048) <u>http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qofle</u>

Heating control technology guide (CTG065) http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qoflf

Carbon Trust at Guardian Sustainable Business: <u>http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qoflg</u>

We have over 11,000 followers on Twitter. Keep up to date with our low carbon news and follow us here: <u>http://e-crmdata.ecircle-ag.com/re?l=6mosczl1wa6qoflh</u>

To unsubscribe from this newsletter please click <u>http://e-crmdata.ecircle-ag.com/re?</u> <u>l=6moscz11wa6qofli&req=mn%3D664FF8A58B8B%26mn2%3D41A73DF3</u> Climate, Energy, & Air Weekly Update | April 30, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

An EPA Regional Administrator has resigned after a 2010 video attracted the ire of House Republicans President Obama said he would make climate change an issue in the Presidential campaign EPA settles with several companies on Renewable Fuel Standard RIN violations The Ninth Circuit Court of Appeals lifted the injunction on California's implementation of the Low Carbon Fuel Standard The leader of the Ohio EPA is leading a group of states out of the National Association of Clean Air Agencies.

Click here to read the Update on our website: http://www.vnf.com/news-alerts-705.html

Click here for a PDF version of the Update: http://hosting-source.bm23.com/6335/public/Climate Change Policy Update - April 30_2012.pdf

For more information With over 100 professionals in Washington, D.C. and Seattle, WA, Van Ness Feldman is recognized as a leading law and policy firm in the areas of traditional and renewable energy regulation and project development. climate change regulation and greenhouse gas emissions trading, environmental and natural resources regulation, and infrastructure development. Van Ness Feldman has been recognized nationally and regionally by Chambers USA, Chambers Global, and U.S. News / Best Lawyers for its Energy, Environment, Government Relations, Transportation, and Native American Law practices. The firm's Climate Change practice has received top recognition by Chambers USA and Chambers Global.

Effective February 1, 2012, Van Ness Feldman combined its practice with the Seattle land use, real estate, and natural resources law firm GordonDerr LLP. The combined firm continues to be known as Van Ness Feldman, A Professional Corporation, and the firm's Seattle office is using the name Van Ness Feldman GordonDerr for a transition period. For more information, please visit www.vnf.com/gordonderr.

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Climate, Energy, & Air Weekly Update | April 9, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

The D.C. Circuit hears oral argument on Friday on challenges to the Cross-State Air Pollution Rule . . . EPA and Marathon Oil agree on a settlement involving controls at several refineries; environmental group sue for a deadline for EPA to issue coal ash rules; and a court blesses an EPA-environmental group consent decree timeline for approving state regional haze plans . . . House Natural Resources Committee Chairman Doc Hastings (R-WA) has qualms about DOE's plans for the federal power marketing entities . . . Environmental groups send a letter to OMB differing with the American Petroleum Institute's cost estimates for impending air pollution standards for oil and gas facilities.

Click here to read the Update on our website: http://www.vnf.com/news-alerts-698.html

Click here for a PDF version of the Update: http://hosting.fyleio.com/6335/public/Climate Change Policy Update - April 9 2012.pdf

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Climate, Energy, & Air Weekly Update | May 7, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

Interior issues proposed rules for hydraulic fracturing on federal lands. . . . A study by the University of California finds that a large proportion of natural gas combined cycle power plants could not meet EPA's proposed greenhouse gas New Source Performance Standard for new power plants . . . The D.C. Circuit asked the government for a brief on the issue of whether it is obligated to continue with Yucca Mountain implementation.

Click here to read the Update on our website: http://www.vnf.com/news-alerts-706.html

Click here for a PDF version of the Update: http://hosting-source.bm23.com/6335/public/Climate_Change_Policy_Update_-_May_7_2012.pdf

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Climate, Energy, & Air Weekly Update | April 16, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

New EPA performance standards for oil and gas facilities are expected Tuesday, April 17... The D.C. Circuit heard oral argument on the Cross-state Air Pollution Rule ... DOD committed to purchasing three gigawatts of renewables by 2025... The President issued an executive order establishing an interagency group on shale gas production ... The House Interior Committee issued another subpoena seeking documents on DOI's moratorium on drilling after the Gulf oil spill ... California released draft amendments to its cap-and-trade regulations to link its program with Quebec.

Click here to read the Update on our website: http://www.vnf.com/news-alerts-700.html

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Climate, Energy, & Air Weekly Update | Feb. 21, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

The Utility MATS Rule was published in the Federal Register, triggering the 60-day period for filing petitions for review.... The U.S. and five other countries announced an agreement to target potent non-CO2 GHGs with near-term impacts... EPA rolled out implementation rules for the resurrected 2008 ozone NAAQS, and the D.C. Circuit dismissed petitions for review of the Administration's 2011 decision not to go forward with a more stringent ozone NAAQS... The payroll tax cut extension went forward without a Keystone XL rider and without extenders for expiring clean energy tax benefits... Environmental groups and some states sued EPA to force the agency to update the M2/25 NAACS.

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Climate, Energy, & Air Weekly Update | Feb. 13, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

EPA finalizes some outstanding amendments to the CSAPR, which is currently subject to a D.C. Circuit-issued stay . . . the Office of Management and Budget is now reviewing a further modification to the Tailoring Rule, which likely will lower the GHG emission thresholds for permitting of new and modified stationary sources . . . Pennsylvania finalizes state hydraulic fracturing rules and fees . . . The California Legislative Analysi's Office recommends that the General Assembly "seriously consider" changes to the cap-and-trade regulations.

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Climate, Energy, & Air Weekly Update | March 5, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

A three-judge panel of the D.C. Circuit heard oral argument on EPA's GHG regulations. ... EPA filed its brief in the CSAPR litigation ... A Virginia Supreme Court denied the state attorney general's effort to obtain emails and other documents from climatologist and former UVA professor Michael Mann ... Sen. Jeff Bingaman introduces a Clean Energy Standard bill.

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Climate, Energy, & Air Weekly Update | Jan. 30, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

Queued up at the Office of Management and Budget are: a proposed GHG standard for new power plants; a final version of amendments to the Cross-State Air Pollution Rule; a final rule regulating cooling water intake structures at power plants; and a proposed rule for implementing the reinstated 2008 ozone National Ambient Air Quality Standard ... Will the proposed GHG standard cover only new, and not modified plants? If so, will EPA require any new plants to meet a standard consistent with natural gas - or, in other words, no new coal without carbon capture and sequestration? ... The President's State of the Union address touts an "all-in" energy policy.

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Climate, Energy, & Air Weekly Update | Jan. 17, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

EPA launched a website with 2010 GHG emissions data generated by the mandatory emissions reporting program. The site is designed to allow the public to rank and compare different facilities, companies, and regions . . . Van Ness Feldman alum Jack Lew is now Chief of Staff to the President . . . A federal district court rules that EPA cannot stay the 2011 industrial boiler MACT rule while it works on a new version. The decision means that new facilities will have to comply with the 2011 rule California and Quebec have an ambitious agenda to link their cap-and-trade programs.

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Climate, Energy, & Air Weekly Update | Jan. 9, 2011

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

Happy New Year from the CEA Update! Check out our overview of "What to Watch in 2012," and look for a more comprehensive VNF 2012 Outlook to be released soon EPA has finalized a rule establishing renewable fuel mandates for the 2012 Renewable Fuel Standard Just two days before the Cross-State Air Pollution Rule was scheduled to go into effect, the D.C. Circuit stayed its implementation pending review of legal challenges to the rule . . . California has filed a brief defending its GHG cap-and-trade program in ongoing appeals brought by environmental justice advocates . . . Today, the Supreme Court hears a case testing EPA's authority to enforce administrative orders before judicial review can take place.

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Date:	Monday, February 06, 2012 3:00:59 PM

Climate, Energy, & Air Weekly Update | Feb. 6, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

The Department of Interior took steps to accelerate leasing for offshore wind projects in the Mid-Atlantic . . . The House Energy and Commerce Committee reported bills opening up new areas for gas and oil development . . . House Republicans mulling next steps on Solyndra . . . FERC takes comment on its role in Utility MATS extensions . . . Indiana issues first-of-kind GHG PSD permit requiring CO2 capture.

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Kyle Danish, Shelley Fidler, Kaitlin Gregg, Tracy Nagelbush, Hayley Fink

The long wait for the D.C. Circuit's decision on CSAPR likely means a delayed compliance deadline even if the agency prevails . . . The CFTC approved regulatory key Dodd-Frank regulatory definitions. . . EPA is defending the RFS2 against criticisms related to RIN fraud and the dearth of cellulosic fuel . . . Chatter about carbon taxes in the past two weeks reached the highest level since the government started collecting data on carbon tax chatter.

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Climate, Energy, & Air Weekly Update | June 18, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

EPA releases long-awaited proposed revisions to air quality standards for fine particulate matter . . . White House unveils a plan for accelerating federal permitting of infrastructure . . . Inhofe expects June 20 vote on Congressional Review Act disapproval of Utility MATS . . . Environmental Justice groups file yet another legal challenge against California's cap-and-trade program . . . Some companies are suing EPA over the proposed greenhouse gas performance standards for new power plants . . . FRC approves Duke/Progress merger subject to transmission upgrades.

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Climate, Energy, & Air Weekly Update | July 2, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Tracy Nagelbush, Hayley Fink

A D.C. Circuit panel unanimously upholds EPA's initial greenhouse gas regulations ... Congress passes a major transportation authorization bill - minus provisions on Keystone XL and coal ash ... EPA proposes emission standards for stationary combustion turbines and Portland Cement kilns ... California passes bill requiring governor to sign off on linking cap-and-trade program. CARB postpones joint allowance auction with Quebec ... See the new VNF litigation tracking page.

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Climate, Energy, & Air Weekly Update | June 11, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

Federal judge calls "deficient" a determination by the Nuclear Regulatory Commission that existing waste disposal sites are sufficient for another 60 years ... EPA agrees to propose a new fine particulate matter standard by June 14, finalize by December 14 ... House passes energy and water spending bill ... API and ANGA release a report differing with EPA numbers on methane emissions from fracking ... EPA allows states to rely on CSAPR reductions in lieu of technology requirements in plans to address regional haze.

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Climate, Energy, & Air Weekly Update | March 19, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

The battle of words over gasoline continued, as the White House issued a report touting its achievements on energy policy... The Senate passed a highway bill, but defeated a host of energy-related amendments ... Briefs are filed in the CSAPR case ... The GAO published a report with criticism of DOE's management of the loan guarantee program.

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Climate, Energy, & Air Weekly Update | March 26, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

President Barack Obama launches expedited permitting and review of infrastructure projects including the southern segment of the Keystone XL Pipeline . . . OMB issues Federal agency guidance aimed at reducing "cumulative" regulatory burdens . . . a new House budget proposal authored by Paul Ryan (R-WI) cuts more spending than was approved in the Budget Control Act . . . the Supreme Court ruled that EPA compliance orders under the Clean Water Act are reviewable prior to enforcement.

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Climate, Energy, & Air Weekly Update | April 2, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

EPA issued its long-awaited proposed greenhouse gas standards for new power plants . . . The Nuclear Regulatory Commission approved two new reactors for an existing nuclear facility in South Carolina The Fifth Circuit overruled EPA's invalidation of a streamlined air permitting program in Texas . . . Congress passed a short extension of transportation programs . . . A federal court directed EPA to respond to a petition to determine whether greenhouse gas emissions from aircraft and marine vessels "endanger" public health and welfare . . . Environmental groups file lawsuit challenging offset credit provisions in California's cap-and-trade regulations.

Click here to read the Update on our website: http://www.vnf.com/news-alerts-697.html

Click here for a PDF version of the Update: http://hosting.fyleio.com/6335/public/Climate_Change_Policy_Update_-_April_2_2012.pdf

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Climate, Energy, & Air Weekly Update | March 12, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

The Obama Administration continues a weekly roll-out of energy and transportation initiatives . . . At the same time, a transportation bill is on the floor of the Senate - along with thirty amendments. So far, only one of the amendments has cleared the steep 60 vote hurdle. . . . Environmental groups pushed back on EPA's efforts to push through Renewable Fuels Standard pathways for four new types of biofuels . . . Legislators urged the White House to follow through on ambitious new RFS volume requirements for biodiesel.

Click here to read the Update on our website: http://www.vnf.com/news-alerts-687.html

Click here for a PDF version of the Update: http://hosting.fyleio.com/6335/public/Climate_Change_Policy_Update_-_March_12_2012.pdf

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Climate, Energy, & Air Weekly Update | May 21, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

The White House threatened to veto a House-passed DOD authorization bill that limits purchases of biofuels ... The Commerce Department is set to impose new tariffs on solar cells from China ... The Senate Energy Committee held a hearing on the Bingaman Clean Energy Standard. ... FERC outlined an advisory role for EPA implementation of the Utility MATS ... A new study suggests that use of E15 fuel will damage some types of vehicles.

Click here to read the Update on our website: http://www.vnf.com/news-alerts-709.html

Click here for a PDF version of the Update: http://hosting.fyleio.com/6335/public/Climate Change Policy Update - May 21_2012.pdf

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Climate, Energy, & Air Weekly Update | June 4, 2012

Kyle Danish, Shelley Fidler, Tomas Carbonell, Kaitlin Gregg, Harold Bulger, Tracy Nagelbush

EPA is proposing additional flexibility for cooling water intake structure standards ... the Department of Commerce slaps tariffs on panels from China ... A federal judge orders a dramatic acceleration of EPA work on a new air quality standard for fine particulate matter ... EPA refuses to waive cellulosic biofuel requirements under the RFS2 ... The Senate is weighing a block on DOD spending on biofuels.

Click here to read the Update on our website: <u>http://www.vnf.com/news-alerts-713.html</u>

Click here for a PDF version of the Update: http://hosting-source.bm23.com/6335/public/Climate_Change_Policy_Update_-_June_4_2012.pdf

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Thought this was interesting:

http://www.eenews.net/climatewire/2012/02/09/10

EMISSIONS:

South Korea votes for cap-and-trade system

Published: Thursday, February 9, 2012

South Korean lawmakers voted yesterday to establish a cap-and-trade system for the nation by 2015, following similar programs being put in place in Australia and New Zealand.

The measure continues to be opposed by industry groups, which say it would place an unfair burden on Korean industries as they compete with nations, like China and Japan, that have not passed comparable legislation.

The measure passed Tuesday sets limits on nearly 500 of South Korea's largest industries starting this year, although the cap-and-trade scheme will not kick in for three years.

"The legislation is the first step toward becoming an advanced country," said Kim Jae Yun, an opposition party member. "We can resolve [the issues] companies are concerned with."

The issues raised by the Federation of Korean Industries (FKI), a representative group for 500 large companies in South Korea, primarily revolve around competition with other nations and the questionable necessity of immediate action.

"Our position remains intact," said Im Sang Hyug, deputy secretary-general of the FKI. "We are opposing the legislation on carbon-emission trading. It's doubtful whether we need the bill, as the government targets for cuts already began this year."

Kim Tae Yoon, head of the Strategic Industries Team of the FKI, said, "Our main industries, such as semiconductor, steel, refining and petrochemicals, are competing with rivals in China, the U.S. and Japan, which didn't implement emissions trading."

He predicted that emissions limits might reduce sales by 4 trillion won to 14 trillion won (\$3.5 billion to \$12.5 billion) a year.

South Korea is the world's eighth-largest emitter of greenhouse gases. It aims to have reduced its emissions by 30 percent of forecast levels by 2020 (Sangim Han, <u>Bloomberg</u>, Feb. 8). -- **NM**

Office of Environment and Energy U.S. Department of the Treasury Phone: (202) 622-7801 Fax: (202) 622-6728 Email: <u>daniel.hall@treasury.gov</u>

From:	Mark Fulton - DB Climate Change Advisors
To:	Jaffe, Judson
Subject:	Durban Platform : Laying New Foundations
Date:	Tuesday, January 03, 2012 2:57:21 PM

DB Climate Change Advisors (DBCCA) released its research report today titled: Durban Platform: Laying New Foundations.

The full report can be found here:

http://cts.vresp.com/c/?DBClimateChangeAdvis/9d2c5cad99/6443ab4802/b83e8bd652

The December 2011 UN Climate Change Conference in Durban (Conference of the Parties, or COP-17), once again brought together representatives of the world's governments, international organizations and civil society. The discussions sought to advance the implementation of the Kyoto Protocol and the Bali Action Plan and Cancun Agreements. On December 11th, the conference reached an agreement and program to set a new course of action for the global fight against climate change.

The key breakthroughs at the negotiations were: (i) the acceptance of emerging and developing nations to the principle of greenhouse gas (GHG) emission limits, thereby overcoming historical disagreements to reach a global deal; (ii) the formal approval of the Green Climate Fund (GCF) and its designation as an operating entity of the Financial Mechanism of the Convention; and (iii) the extension of the Kyoto Protocol and associated mechanisms, such as the Carbon Development Mechanism (CDM).

Meanwhile, the key outstanding challenges are: (i) the absence of clear legal status of the 2015 agreement and that no additional climate action is likely ahead of 2020 – putting the 2 degrees Celsius goal at risk; (ii) the lack of current funding for the GCF; and (iii) the departure of Canada from the Kyoto Protocol (KP), and of Japan and Russia from the KP's second commitment period.

Overall, Durban has put the world in a place and on a trajectory whereby it is more likely than it was before to establish a foundation for meaningful long-term action on climate change, having finally achieved a universal framework to peak and cut GHGs, and to create new alliances to drive climate business. It has succeeded in keeping climate change on the international agenda, but policies to reduce GHG emissions will – in the interim – rely on national action supported by international pledges and review. Clean energy policies will therefore continue to be driven as much by energy security, jobs and industrial policy as concerns about climate change. Nonetheless, the achievements at Durban point to some upside to the forecast of a low carbon energy market valued at \$2.2 trillion in 2020 and considering the low initial expectations and the present context of the ongoing economic and financial crisis, the Durban outcome is unexpectedly positive.

The next round of international climate talks will take place in Qatar in November 2012. Before then the new round of negotiations based on the Durban Platform will need to start and countries willing to join the second commitment period will have to submit targets.

This research publication, along with all other DBCCA research, can

be found at http://cts.vresp.com/c/?DBClimateChangeAdvis/9d2c5cad99/6443ab4802/1d6186a4e1

Please contact Mark Fulton at mark.fulton@db.com if you have any questions or comments.

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This message was sent by Mark Fulton - DB Climate Change Advisors

Deutsche Bank Climate Change Advisors 345 Park Ave, 24th Fl. New York, NY 10154 US Alert | March 29, 2012

EPA Proposes Greenhouse Gas Emission Limits for New Electric Generating Units

Kyle Danish, Stephen Fotis, Doug Smith, Tomas Carbonell

On March 27, 2012, the Environmental Protection Agency proposed to set a nationwide standard for emissions of carbon dioxide from new fossil fuel electric generating units.

Click here to read the Alert on our website: http://www.vnf.com/news-alerts-696.html

Click here for a PDF of the Alert: http://hosting.fyleio.com/6335/public/VNF_Alert_3-29-12.pdf

For more information Van Ness Feldman closely monitors federal and state developments on climate change, air quality, and energy policy, and is in a strong position to provide expert analysis and advice on emerging legislation and regulatory activity, the surrounding policy and political debate, and the implications for your organization. For more information on EPA's new proposed GHG standards, piease contact Kyle Danish, Stephen Folis, Doug Smith or any member of the firm's Environment or Climate Change practices at (202) 298-1800. Those interested in on-going coverage of climate change policy developments may wish to subscribe to VNF&E^{Ms} weekly Climate, Energy, & Air Update here.

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FYI

Beth Urbanas Director Office of Environment and Energy beth.urbanas@do.treas.gov 622-2956

-----Original Message-----From: Environmental Finance [mailto:mail.btfwxyewoamfxmces@env-finance.msgfocus.com] Sent: Friday, March 16, 2012 11:42 AM To: Urbanas, Elizabeth (Beth) Subject: Aviation and the EU Emissions Market - Webinar March 29

Open an online <u>http://env-finance.msgfocus.com/q/1Mo4h8gNIGEayn/wv</u> or mobile phone <u>http://env-finance.msgfocus.com/q/1Mo4h8gNIGEayn/text-version</u> version of this email. Add us to your safe senders list <u>http://env-finance.msgfocus.com/n/1Mo4h8gNIGEayn</u>

http://env-finance.msgfocus.com/c/1g8nKmaGlnlxGBxd85btxUd

Airlines flying into or out of the European Union now face caps on their emissions and the threat of financial penalties if they exceed these limits. The measures still face fierce opposition from many airlines and foreign governments, but trading is already taking place and most major carriers are preparing for compliance.

This 90-minute webinar will explain the implications for airlines, other companies in the EU ETS and creators of carbon offset credits.

http://env-finance.msgfocus.com/c/1g8nVSvZqHAoSHGZecEzMQa

Programme:

Impact on the airlines Who's covered; who's exempt? Overall cost estimates Impact on different carriers Allocation of allowances International Opposition to the inclusion of the aviation sector in the EU ETS and potential outcomes Erik van Agtmaal, Managing Partner, Altimedes Consulting

Preparing for compliance How to achieve compliance Carbon price and opportunities for trading Costs of joining the EU ETS Mechanics for trading (e.g. Registries and the transition) Practical difficulties emergy from recent trading Georgie Messent, Partner, Bond Pearce

Impact on the carbon market Aviation allowances vs EU allowances Likely impact on carbon prices and trading volumes Potential use of offset credits Airlines and non-EU carbon markets Outlook beyond 2013

Register now for a concise 90-minute update on aviation in the EU ETS <u>http://env-finance.msgfocus.com/c/1g8oiVcBBm47gU0xqrAMgI4</u>

We look forward to your participation in this highly educational session.

The Environmental Finance Team

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From:	Metcalf, Gilbert
То:	Jaffe, Judson; Hall, Daniel
Cc:	Urbanas, Elizabeth (Beth); Demopulos, Abigail
Subject:	FW: BN: U.S. Renewables Lead Over China Threatened by Policy
Date:	Thursday, April 12, 2012 10:33:37 AM

fyi

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

From: Alaimo, Kara
Sent: Thursday, April 12, 2012 9:17 AM
To: Metcalf, Gilbert; Urbanas, Elizabeth (Beth); Yuan, Sharon H; Black, Laura; Brainard, Lael; Collyns, Charles; Dohner, Robert; Dollar, David; Fazili, Sameera; Gebhardt, Paige; Huot, Lyndsay; Lago, Marisa; Loevinger, David; Strauss, Michael; Weiss, Jason; Wyeth, Natalie
Subject: BN: U.S. Renewables Lead Over China Threatened by Policy

U.S. Renewables Lead Over China Threatened by Policy

By Alex Morales

U.S. government policies are creating a "boom-and-bust" in renewable energy investment, threaten a lead the nation regained over <u>China</u> for the technologies last year, the Pew Charitable Trusts said.

U.S. investment reached \$48.1 billion in 2011, largely in wind and solar power, the Washington-based research group said today in a report based on Bloomberg New Energy Finance data. Those funds trumped the \$45.5 billion China allocated to renewables, for lead for the U.S. since 2008.

The jump to the top of the G-20 ranking followed developers' efforts to finish projects before incentives expire. With China taking on long-term renewable energy targets and an American tax-break for wind lapsing in 2012, the U.S. again risks losing its edge, said Phyllis Cuttino, Pew's clean energy director.

"China is sending that important policy signal which the <u>United States</u> is failing to do to investors," Cuttino said in an interview. "Even though China has fallen to number two, it seems as though investment there is going to continue at a very significant level for the foreseeable future. They are going to continue to be a dynamic clean-energy hub for the world."

The U.S. doesn't have any comparable targets to China's goals of installing a total of 160

gigawatts of wind power and 50 gigawatts of solar power by 2020, she said. At the same time, a production tax credit benefiting wind producers expires at the end of the year. That's a threat to the wind industry and has prompted <u>Vestas Wind Systems A/S (VWS)</u>, the world's largest wind turbine maker, to say 1,600 U.S. factory jobs are at risk.

Germany, Italy

"In the absence of long-term policy, it's hard to see how the U.S. can grow significantly in the future," Cuttino said. "The boom-and-bust cycle of U.S. energy policy sends a very different signal to investors" from China.

U.S. President <u>Barack Obama</u> took office three years ago pledging to generate jobs in the wind and solar industries. Since then, carbon cap-and-trade legislation has stalled and lawmakers have attacked assistance to renewables after solar manufacturer Solyndra LLC filed for bankruptcy in September.

Globally, the installed capacity for renewable power now totals 565 gigawatts, 133 of it in China, 93 in the U.S. and 61 in <u>Germany</u>, according to today's report. Cuttino said Pew had expected an increased deployment of renewables in 2011, with investment falling, and was surprised spending rose.

"This sector is like the little engine that could -- it just keep growing somewhere, somehow," she said.

Germany ranked third for investment in clean energy in 2011, with \$30.6 billion, followed by Italy on \$28 billion, <u>India</u> on \$10.2 billion and the U.K. with \$9.4 billion, Pew said.

U.K. Rebound

The U.K.'s rebound followed a plunge to 13th in 2010 from fifth a year earlier. Investment in 2011, which rose to \$9.4 billion from \$3.3 billion in 2010, remained below the 2009 total of more than \$11 billion, according to Pew. More than half of the investments came in solar power, as developers rushed to take advantage of subsidies that the government has now cut.

"Many businesses have brought their investments forward before the government's cuts to support for renewable energy come into force," Caroline Flint, spokeswoman on energy for the opposition <u>Labour Party</u>, said in an e-mailed statement. "The U.K. must not be allowed to fall behind."

Ministers are "determined" to see continued growth in renewables in the U.K. and plan to pass a law reforming the <u>electricity market</u> that provides long term certainty for investors in low-carbon technologies, the Department for Energy and Climate Change said in an e-

mailed statement.

FYI -

Also, had a discussion w/ OSTP re: how finance can fix important problems (they were focused on biotech) but wanted to talk more about renewables, I mentioned energy PPIPs....

-----Original Message-----From: Mark Fulton - DB Climate Change Advisors [mailto:Mark Fulton DB Climate Change Ad@mail.vresp.com] Sent: Tuesday, April 24, 2012 7:00 AM To: Samuels, Ian Subject: Global Climate Change Policy Tracker

Global Climate Change Policy Tracker: Continued Progress on Mandates, but the Emissions Challenge Remains

The full report can be found here: <u>http://cts.vresp.com/c/?DBClimateChangeAdvis/c4ac2e6169/580ea17c10/b90ef13188</u>

The executive summary can be found here: <u>http://cts.vresp.com/c/?DBClimateChangeAdvis/c4ac2e6169/580ea17c10/1e71819344</u>

Today DB Climate Change Advisors has published its fourth Global Climate Change Policy Tracker report. Key conclusions are as follows:

§ Our new consistent historical analysis of maximum potential

policy impact on abatement shows continued improvement since the major impact of the Copenhagen Accord.

§ On the best case global outlook, emissions peak in 2016 in line with economic growth in emerging economies and decline slowly to 2020 but still leave a 5.8Gt "gap" compared to a 450ppm stabilization pathway.

§ China and other emerging and developing economies have played a

key role in new abatement policies. However, China still remains the dominant emitter in 2020 even if all policy goals are achieved, and China's lead climate negotiator has been recently reported to have discussed an extension of the timeline to meet its carbon intensity target. Nevertheless, China's energy intensity target (i.e.

efficiency) remains the largest source of abatement globally.

§ The phase out of nuclear power in Germany will most likely

negatively impact emissions out to 2020 on its own, but in context of all policies Germany still reduces emissions substantially and achieves their emissions targets. Although a phase out of nuclear power in Japan is not yet mandated it will certainly pose a challenge in terms of controlling emissions.

§ The recession has slowed emissions growth in Europe and the US in

the past few years, where economic growth will be moderate in coming years. Our BAU shows a more noticeable slowing after 2015 when we see economic growth in emerging markets moderate more.

§ Clean Energy Ministerial (CEM) countries remain the dominant

drivers of BAU emissions and thus have the greatest potential to reduce them.

§ Our best in class policy analysis which looks at the strength of

supporting policies in investor terms of TLC, now includes a "traffic light" view of how likely countries are to achieve their mandates.

§ We believe that out of the CEM countries China, Germany, Brazil

and many of the Nordic countries have strong policy regimes in place to meet their mandates, whilst the rest of the EU and other emerging economies' policy regimes remain mixed. The US and Italy in particular remain challenged in meeting their clean energy mandates.

However, in terms of emissions, an aggressive coal to gas switch can have a valuable effect in the US.

This research publication, along with all other DBCCA research, can be found at http://cts.vresp.com/c/?DBClimateChangeAdvis/c4ac2e6169/580ea17c10/35f3d4ae61

Please contact Mark Fulton at mark.fulton@db.com if you have any questions or comments.

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This message was sent by Mark Fulton - DB Climate Change Advisors

Deutsche Bank Climate Change Advisors 345 Park Ave, 24th Fl. New York, NY 10154 US

From:	Hall, Daniel
To:	Metcalf, Gilbert
Cc:	Jaffe, Judson
Subject:	FW: Information on Korea"s carbon trading legislation
Date:	Friday, June 08, 2012 4:19:22 PM

Gib,

I had reached out last month to my counterpart in Korea's finance ministry to get additional details on their carbon trading proposal and had not received a further response, so I pinged her again today (below).

Note that her initial reply to me last month indicated that legislation remained pending in their parliament. On the other hand, press reports here seemed to characterize it as if the legislation was passed but there were still significant details that had not been finalized (perhaps through a regulatory process). In either case we had been reluctant to draft a summary until we could get further primary information.

Here's a brief summary I found from Jake Schmidt at NRDC, note that he also qualifies these as "the latest draft regulations":

http://switchboard.nrdc.org/blogs/jschmidt/south_korean_government_approv.html

Daniel

-----Original Message-----From: Hall, Daniel Sent: Friday, June 08, 2012 3:54 PM To: (b) (6) @gmail.com Cc: Jaffe, Judson Subject: RE: Information on Korea's carbon trading legislation

Semna,

I wanted to circle back and find out if there is an update with Korea's carbon trading legislation. What is the most recent progress of the bill? Did your colleagues have an English-language summary (or copy of the legislation) they were able to pass on?

Thanks, Daniel

Daniel Hall U.S. Department of the Treasury Phone: (202) 622-7801 Fax: (202) 622-6728 Email: daniel.hall@treasury.gov

-----Original Message-----From: (b) (6) @mosf.go.kr] Sent: Monday, May 07, 2012 8:37 PM To: Hall, Daniel; (b) (6) @gmail.com Cc: Jaffe, Judson Subject: Re: Information on Korea's carbon trading legislation

Hi, Daniel.

My understanding regarding Korean carbon trading legislation is that the law aiming to introduce the carbon trading system in 2015 is now pending in Parliament. (If it was already passed, I should have

known it!) Since this law is being charged in by the Ministry of Environment, I'm not sure whether I can get any documents to pass on to you. I'll contact the Ministry of Environment and ask around. Have a nice day!

Semna

--- Original Message ---

From : Daniel.Hall@treasury.gov

To : (b) (6) @mosf.go.kr, (b) (6) @gmail.com Cc : Judson.Jaffe@treasury.gov Date : 2012/05/07 월요 일 오후 11:11:47 Subject : Information on Korea's carbon trading legislation

.EmailQuote { PADDING-LEFT: 4pt; MARGIN-LEFT: 1pt; BORDER-LEFT: #800000 2px solid }

Semna,

I hope you are well. My colleagues here at the US Treasury are interested to learn more about the carbon trading legislation that was recently passed by the Korean parliament. Do you have a summary of the bill (e.g., a fact sheet) or an English-language copy of the legislation that you could pass on to us?

Many thanks, Daniel

Daniel Hall

Office of Environment and Energy U.S. Department of the Treasury Phone: (202) 622-7801 Fax: (202) 622-6728 Email: daniel.hall@treasury.gov

From:	Metcalf, Gilbert
To:	<u>Climate Team</u>
Subject:	FW: Reminder: RFF Seminar: Green Infrastructure: Using Natural Landscapes for Flood Mitigation and Water Quality Improvements
Date:	Monday, April 02, 2012 1:47:57 PM

FYI. Interesting adaptation example.

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

From: Resources for the Future [mailto:listmanager@rff.org]
Sent: Monday, April 02, 2012 1:33 PM
To: Metcalf, Gilbert
Subject: Reminder: RFF Seminar: Green Infrastructure: Using Natural Landscapes for Flood Mitigation and Water Quality Improvements

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Green Infrastructure: Using Natural Landscapes for Flood Mitigation and Water Quality Improvements

An RFF First Wednesday Seminar

April 4, 2012

12:45 - 2 p.m.

Nature provides a wealth of ecological services: forests store carbon and clean the air; rivers provide water for drinking and harbor animal species; and wetlands purify stormwater and serve as buffers against floods. Governments around the world are increasingly recognizing that this "green infrastructure" can be a cost-effective supplement or substitute for the "gray infrastructure"—pipes, dams, levees, treatment plants—traditionally used to control flooding, purify and store water, and reduce urban stormwater runoff.

At this First Wednesday Seminar, sponsored by RFF's Center for the Management of Ecological Wealth, panelists will explore what "green infrastructure" means and describe

how to evaluate the costs and benefits of land-use options for reducing flood damages. They will also discuss the challenges of convincing stakeholders that natural systems can provide infrastructure services and complement public projects. RFF experts will describe a case study evaluating flood abatement options in a Wisconsin watershed, and provide some lessons learned from working to implement a payment for environmental services program in the Florida Everglades.

Moderator:

Lynn Scarlett, Co-Director, RFF Center for the Management of Ecological Wealth

Panelists:

Margaret Walls, Research Director and Thomas J. Klutznick Senior Fellow, Resources for the Future "The Role of Land Use Policies in Minimizing Flood Damages"

Len Shabman, Resident Scholar, Resources for the Future "A Green Infrastructure Contribution to Everglades Restoration"

What: RFF First Wednesday Seminar

When:

Wednesday, April 4, 2012, 12:45 - 2 p.m. A light lunch will be available at 12:30 p.m.

Where:

Resources for the Future, 1616 P Street NW, Washington, DC First Floor Conference Center

Registration is required.

To RSVP for this event, please visit RFF's event registration page.

This seminar will also be <u>webcast</u> live beginning at 12:45 p.m.

Have a question for the panel while watching the live webcast? Simply Tweet your question of fewer than 140 characters and include the hashtag #AskRFF.

Watch the Q&A at the end of the event to see if it is selected.

At RFF's monthly First Wednesday Seminar series, scholars and experts exchange ideas and views with the RFF community on important energy, environmental, and natural resource topics.

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1616 P Street, NW Suite 600 | Washington, DC 20036 US

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From:	Metcalf, Gilbert
То:	<u>Jaffe, Judson; Hall, Daniel</u>
Subject:	FW: Save-the-Date: Carbon Tax Workshop at the Brookings Institution
Date:	Tuesday, July 03, 2012 11:44:33 AM

fyi

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

-----Original Message-----From: Danny Cohen [mailto(b) (6) @brookings.edu] Sent: Tuesday, July 03, 2012 11:18 AM Subject: Save-the-Date: Carbon Tax Workshop at the Brookings Institution

Dear Colleague:

You are cordially invited to attend the Brookings Institution's "Carbon Tax Workshop" on Friday, July 27th, from 9:30 a.m. to noon. The event will be located in the Stein Room of the Brookings Institution, 1775 Massachusetts Avenue NW.

The discussion will include these presentations:

Aparna Mathur will present her new results on the distributional effects of a carbon tax and carbon tax swaps. Her paper uses data from the Input-Output tables to calculate the effect of a \$15 carbon tax on industry and consumer goods prices. These price increases are then passed through to consumers using consumption expenditure data from the Consumer Expenditure Survey. This methodology is applied to study incidence under a carbon tax-corporate tax swap where a part of the carbon tax revenues are used to offset a reduction in the corporate tax. Results suggest that such a swap could offset some of the regressivity associated with a carbon tax.

Dick Morgenstern, Jared Carbone, and/or Rob Williams will present work with their new general equilibrium model.

Pete Wilcoxen will present a recent study with Adele Morris and Warwick McKibbin: "The Potential Role of a Carbon Tax in U.S. Fiscal Reform." The paper examines fiscal reform options in the United States with an intertemporal computable general equilibrium model of the world economy called G-Cubed. Six policy scenarios explore two overarching issues: (1) the effects of a carbon tax under alternative assumptions about the use of the resulting revenue, and (2) the effects of alternative measures that could be used to reduce the budget deficit.

A detailed agenda will follow. Please RSVP to Danny Cohen at (b) (6) @brookings.edu<<u>mailto</u>(b) (6) @brookings.edu</u>> or call (202)-(b) (6) Mr. Cohen is out-ofoffice July 5th and 6th but will receive rsvps after those dates.

We hope to see you there.

Sincerely,

Adele Morris Fellow and Policy Director, Climate and Energy Economics Project The Brookings Institution Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

-----Original Message-----From: Mark Fulton - DB Climate Change Advisors [mailto:Mark Fulton DB Climate Change Ad@mail.vresp.com] Sent: Wednesday, February 01, 2012 3:37 PM To: Metcalf, Gilbert Subject: Scaling Wind and Solar Power in China

DB Climate Change Advisors (DBCCA) released its research paper today titled: Scaling Wind and Solar Power in China – Building the Grid to Meet Targets

The full report can be found here: <u>http://cts.vresp.com/c/?DBClimateChangeAdvis/ff1f73b167/0f7ad6a4eb/69219705e8</u>

China's 12th Five Year Plan sets out ambitious goals for de-carbonizing China's electricity supply, emphasizing a concerted effort to expand all dimensions of renewable and low-carbon electricity sources. In our October 2011 report "Hydropower in China: Opportunities and Risks" we examined China's hydropower ambitions. In this report we examine the wind power and solar power sectors.

Based on our conservative analyses, achievement of China's goals or targets (formal and informal) through 2015 and 2020 are dependent on an aggressive and successful expansion of the electricity transmission grid. In particular, the wind power sector is facing adverse forces that are likely to slow near-term growth from now into the 2014 period. With 20 GW of new installed capacity added in 2011 and only 16 GW incrementally connected to the grid in 2011, the pace of additions to installed capacity has exceeded the rate at which the wind power capacity can be grid connected. Currently we estimate that by the end of 2012 there will be an approximate 5 GW overhang of wind power installations awaiting connection to the grid (over and above what we estimate to be an amount of installed capacity awaiting interconnection at any point in time), and that such an overhang may continue into 2014.

Recent central government action to reign in poorly coordinated growth was undertaken, we believe, to regain firm management of the wind sector and coordinate growth with grid expansion programs. As a result we believe these actions may cause annual new wind power installations to slow to the 14 GW pace during the next three years. Slowing the pace of new wind turbine installations will allow this overhang to be cleared as queued installed capacity is connected to the grid. Thereafter, we forecast 16 GW to be installed in 2015 and between 18 GW – 20 GW per year in the 2016-2020 period, a pace in line with the central government's 2015 and 2020 targets.

With regard to solar, China now informally aims for 30–50 GW of solar PV by 2020. We estimate China will install 30 GW of grid-connected solar power by 2020, compared with less than 1 GW now. To date, China's modest adoption of solar PV compared with wind power stems from a combination of relatively high costs, the geographic remoteness of resource-rich regions, and a lack of transmission from those areas. With the recent introduction of a feed-in tariff, rooftop and grid-scale solar now have clearer policy support than traditional capital cost subsidies offered, although we see distributed rooftop as being slow to grow.

To achieve these rapid deployments, China must accomplish a considerable electricity transmission grid expansion program in parallel to support wind power and solar power development targets.

Key findings of our report include:

•Substantial Opportunity for Longer-Term Wind Power Development, Near-term Constraints

- •Current Wind Power Market Indigestion
- •Sunny Long-Term Outlook for Solar PV
- •Clear Long-Term Policy Support for Wind and Solar with Central Planning Control
- •Electricity Grid Investment
- •Wind Power Development Focus Shifts to Low Speed Regions
- •Expect Offshore Wind Development Activity
- •Natural Gas Turbines Complement Renewables

This research publication, along with all other DBCCA research, can be found at <u>http://cts.vresp.com/c/?DBClimateChangeAdvis/ff1f73b167/0f7ad6a4eb/f3fdc46092</u>

Please contact Mark Fulton at mark.fulton@db.com if you have any questions or comments.

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This message was sent by Mark Fulton - DB Climate Change Advisors

Deutsche Bank Climate Change Advisors 345 Park Ave, 24th Fl. New York, NY 10154 US This might be of interest.

Beth Urbanas Director Office of Environment and Energy beth.urbanas@do.treas.gov 622-2956

-----Original Message-----From: ACORE [mailto:events@events.acore.org] Sent: Tuesday, February 14, 2012 9:05 AM To: Urbanas, Elizabeth (Beth) Subject: Tomorrow_Feb. 15 Webinar: State Renewables Policies - Lessons Learned

http://links.mkt3350.com/ctt? kn=3&ms=NTE5NTA10AS2&r=NzkwMTY2MDk4MQS2&b=2&j=MTk0MzA5MzU0S0&mt=1&rt=0

State Renewables Policies ? Lessons Learned After A Decade of Success

Join us live February 15, 2012 in a city near you or via telephone & webinar.

http://links.mkt3350.com/ctt? kn=23&ms=NTE5NTA10AS2&r=NzkwMTY2MDk4MQS2&b=2&i=MTk0MzA5MzU0S0&mt=1&rt=0

A decade of state leadership for renewable energy faces unparalleled future changes in the U.S. The states have served as innovative laboratories of renewable energy development bolstered by strong federal support in 2009 with energy tax credit extensions, Section 1603 Treasury grants, bonus depreciation and federal Section 1705 loan guarantees. Over \$50 billion in federal financial support flowed to renewables over the past five years.

The next decade faces a new landscape for future renewables development in the states. Several states like California, New Jersey, Texas, Colorado, Washington, Oregon, Pennsylvania, and Massachusetts have benchmarked certain practices, success and achievements.

But the federal government has not delivered a national clean energy standard, tax planning uncertainty continues, no internal carbon standard exists, and we lack a clear national energy policy. What will states' renewables 2.0 look like this decade? How can states build off their own success, while emphasizing a new vision for renewable policies this decade using:

- * Innovative PACE financing; new financing incentives
- * Premium dispatchable renewables, expanding SREC?s
- * New regulatory incentives, tariffs for net metering, easier interconnections and new rate designs
- * Co-benefits with natural gas, air regulation
- * Transmission and storage, new ancillary services, and avoided T&D costs

* Creative state implementation plans (SIPS) under the Clean Air Act for new source performance review, using efficiency and waste heat recovery

* Wastes as fuel

- * Distributed generation
- * Alternative fuels for vehicles
- * Growing military installations and bases
- * Importance of commercial, industrial buildings

With state energy tools and opportunities to shape indeterminacy, and with new policy and market strategies, how will new developments shape renewables to solidify positions in the top ten states over the upcoming decade? How will the new shale gas interface affect state renewable opportunities in North Dakota, Oklahoma, Wyoming, Colorado, Texas, Arkansas, Ohio, Pennsylvania and New York?

Join us for this provocative and forward looking discussion.

Q & A Submission:

Q & A both on the teleconference and live at the host firm sites, will follow the speakers' presentations. Please email

questions to abaquestions@acore.org.

Call Times: 12:00 pm - 1:30 pm Eastern 11:00 am - 12:30 pm Central 10:00 am - 11:30 am Mountain 9:00 am - 10:30 am Pacific 8:00 am - 9:30 am Alaskan

Teleconference Co-Chairs: Robert F. Riley, Partner, Williams Mullen PC (Washington, D.C.) Michael W. Wise, McDonald Hopkins, LLC

Legislative Update: Todd Foley, SVP, Policy & Government Relations, ACORE

Moderators: Michael J. Zimmer, Senior Counsel, Thompson Hine LLP Michael W. Wise, McDonald Hopkins, LLC

Speakers:

Lori Bird, Senior Analyst, National Renewable Energy Laboratory (NREL) Lewis Milford, President, Clean Energy Group (CEG) Eric Ackerman, Director, Alternative Regulation, Edison Electric Institute (EEI) Brad Copithorne, Energy and Financial Policy Specialist, Environmental Defense Fund (EDF)

How to Join

To participate in this call, please register online at www.renewableenergyinfo.org <u>http://links.mkt3350.com/ctt?</u> <u>kn=26&ms=NTE5NTA10AS2&r=NzkwMTY2MDk4MQS2&b=2&j=MTk0MzA5MzU0S0&mt=1&rt=0</u> There is a \$45.00 administrative fee to participate.

CLE Credits

Available for Participants New York State CLE credits are now available through the Pace Law School Center for Continuing Legal Education. The administrative cost for CLE credits is \$30.00. A list of states who have reciprocity with the New York State Bar can be viewed here http://links.mkt3350.com/ctt? http://links.mkt3350.com/ctt? http://links.mkt3350.com/ctt? http://links.mkt3350.com/ctt?

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Founding Partners ABA SEER Renewable Energy Resources Committee American Council On Renewable Energy (ACORE) Center for Economic and Environmental Partnership Inc.

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Robert F. Riley, ABA Teleconference Co-Chair, Williams Mullen PC Michael W. Wise, ABA Teleconference Co-Chair, McDonald Hopkins, LLC <u>http://links.mkt3350.com/ctt?</u> <u>kn=22&ms=NTE5NTA10AS2&r=NzkwMTY2MDk4MQS2&b=2&j=MTk0MzA5MzU0S0&mt=1&rt=0</u>

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Chicago, IL

Winston & amp; Strawn LLP <u>http://links.mkt3350.com/ctt?</u> kn=31&ms=NTE5NTA1OAS2&r=NzkwMTY2MDk4MQS2&b=2&j=MTk0MzA5MzU0S0&mt=1&rt=0

Indianapolis, IN Baker & Daniels LLP <u>http://links.mkt3350.com/ctt?</u> kn=31&ms=NTE5NTA1OAS2&r=NzkwMTY2MDk4MQS2&b=2&j=MTk0MzA5MzU0S0&mt=1&rt=0

Minneapolis, MN Fulbright & Jaworski LLP <u>http://links.mkt3350.com/ctt?</u> kn=31&ms=NTE5NTA1OAS2&r=NzkwMTY2MDk4MQS2&b=2&j=MTk0MzA5MzU0S0&mt=1&rt=0

New York, NY White & Case LLP <u>http://links.mkt3350.com/ctt?</u> kn=31&ms=NTE5NTA1OAS2&r=NzkwMTY2MDk4MQS2&b=2&j=MTk0MzA5MzU0S0&mt=1&rt=0

Portland, OR Ater Wynne, LLP <u>http://links.mkt3350.com/ctt?</u> <u>kn=31&ms=NTE5NTA1OAS2&r=NzkwMTY2MDk4MQS2&b=2&j=MTk0MzA5MzU0S0&mt=1&rt=0</u>

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kn=7&ms=NTE5NTA1OAS2&r=NzkwMTY2MDk4MQS2&b=2&j=MTk0MzA5MzU0S0&mt=1&rt=0</u> ACORE1600 K Street NW, Suite 700, Washington, DC, 20006 +202-393-0001 events@acore.org mailto:events@acore.org Do not wish to receive these emails update your email preferences here: http://www.pages03.net/acore/Forms/Edit_preferences?spMailing1D=5195058&spUser1D=NzkwMTY2MDk4MQS2&spJob1D=MTk0MzA5MzU0S0&spReport1d=MTk0MzA5MzU0S0

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From:	Mark Fulton - DB Climate Change Advisors
То:	Jaffe, Judson
Subject:	Global Climate Change Policy Tracker
Date:	Tuesday, April 24, 2012 7:00:14 AM

Global Climate Change Policy Tracker: Continued Progress on Mandates, but the Emissions Challenge Remains

The full report can be found here:

http://cts.vresp.com/c/?DBClimateChangeAdvis/c4ac2e6169/6443ab4802/b90ef13188

The executive summary can be found here: http://cts.vresp.com/c/?DBClimateChangeAdvis/c4ac2e6169/6443ab4802/1e71819344

Today DB Climate Change Advisors has published its fourth Global Climate Change Policy Tracker report. Key conclusions are as follows:

Our new consistent historical analysis of maximum potential policy impact on abatement shows continued improvement since the major impact of the Copenhagen Accord.

On the best case global outlook, emissions peak in 2016 in line with economic growth in emerging economies and decline slowly to 2020 but still leave a 5.8Gt "gap" compared to a 450ppm stabilization pathway.

China and other emerging and developing economies have played a key role in new abatement policies. However, China still remains the dominant emitter in 2020 even if all policy goals are achieved, and China's lead climate negotiator has been recently reported to have discussed an extension of the timeline to meet its carbon intensity target. Nevertheless, China's energy intensity target (i.e. efficiency) remains the largest source of abatement globally.

The phase out of nuclear power in Germany will most likely negatively impact emissions out to 2020 on its own, but in context of all policies Germany still reduces emissions substantially and achieves their emissions targets. Although a phase out of nuclear power in Japan is not yet mandated it will certainly pose a challenge in terms of controlling emissions.

The recession has slowed emissions growth in Europe and the US in the past few years, where economic growth will be moderate in coming years. Our BAU shows a more noticeable slowing after 2015 when we see economic growth in emerging markets moderate more.

Clean Energy Ministerial (CEM) countries remain the dominant drivers of BAU emissions and thus have the greatest potential to reduce them.

Our best in class policy analysis which looks at the strength of supporting policies in investor terms of TLC, now includes a "traffic light" view of how likely countries are to achieve their mandates.

We believe that out of the CEM countries China, Germany, Brazil and many of the Nordic countries have strong policy regimes in place to meet their mandates, whilst the rest of the EU and other emerging economies' policy regimes remain mixed. The US and Italy in particular remain challenged in meeting their clean energy mandates. However, in terms of emissions, an aggressive coal to gas switch can have a valuable effect in the US.

This research publication, along with all other DBCCA research, can

be found at http://cts.vresp.com/c/?DBClimateChangeAdvis/c4ac2e6169/6443ab4802/35f3d4ae61

Please contact Mark Fulton at mark.fulton@db.com if you have any questions or comments.

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This message was sent by Mark Fulton - DB Climate Change Advisors

Deutsche Bank Climate Change Advisors 345 Park Ave, 24th Fl. New York, NY 10154 US Globalization and Renewables: The Future is now

Join us live May 16, 2012 in a city near you or via telephone & webinar.

Globalization is the central fact of our generation. It entails flows of capital, business products and applicable intellectual property. It has sweeping cross-border environmental impacts. It implies trade-offs in natural resource utilization.

Renewables must find their place in this changing world-wide economy as a solution to growing energy demands and as a competitive source of capital attraction.

This webinar focuses on several key ways renewable energy can be more fully integrated into the global energy markets. The panel features speakers from the Carbon War Room, guiding the deployment of capital worldwide to deal with the global warming crisis; DNV, having a hand in project due diligence and risk management assessments for offshore wind power development globally; Australia, a nation exporting adaptable home-grown renewable technologies to the United States and worldwide; and Westeva an American owned organization applying sophisticated new renewables analytical techniques developed in the United States to the Latin American markets.

The future of renewables rests on activities such as those our speakers will describe. On the Webinar, you will learn about:

* Pragmatic business and legal analysis to create wealth arising from strategies for the reduction of global carbon emissions

* Renewable energy technology transfer issues of renewable energy technologies to different legal and ecological settings

* Adaptation of U.S. technical renewables analysis to commercial ventures

* Lessons learned from the UK with respect to renewable energy deployment

* The roles which lawyers can play in enabling renewable proponents and companies to cope with and benefit from globalization

As the program title implies: for renewables, this is not about future shock--the future is now.

Q & A Submission:

Q & A both on the teleconference and live at the host firm sites, will follow the speakers' presentations. Please email questions to abaquestions@acore.org.

Call Times: 12:00 pm - 1:30 pm Eastern 11:00 am - 12:30 pm Central 10:00 am - 11:30 am Mountain 9:00 am - 10:30 am Pacific 8:00 am - 9:30 am Alaskan

Teleconference Co-Chairs: Robert F. Riley, Partner, Williams Mullen PC (Washington, D.C.) Michael W. Wise, McDonald Hopkins, LLC

Legislative Update: Todd Foley, SVP, Policy & Government Relations, ACORE

Moderators: Kimberly E. Diamond, Counsel, Lowenstein Sandler PC Roger D. Feldman, Counsel, Andrews Kurth LLP

Speakers: Ken Westrick, Founder and CEO, Westeva LLC and Westeva SAS Jigar Shah, Member of the Board, Carbon War Room Kelly Sims, Senior Investment Director, Australian Trade Commission Karen Conover, Head of London Unit, Det Norske Veritas (DNV) Additional Q&A Panelists: Paul Adler, Investment Director, Australian Trade Commission Nigel Warren, Senior Trade Commissioner, Australian Trade Commission

How to Join

To participate in this call, please register online at: www.renewableenergyinfo.org <u>http://links.mkt3350.com/ctt?</u> <u>kn=24&ms=NTMxMzOwMgS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk4MzY3NTcyS0&mt=1&rt=0</u>. There is a \$45.00 administrative fee to participate.

Register: <u>http://links.mkt3350.com/ctt?</u> kn=21&ms=NTMxMzQwMqS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk4MzY3NTcyS0&mt=1&rt=0

Webinar Website: http://links.mkt3350.com/ctt? kn=4&ms=NTMxMzOwMgS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk4MzY3NTcyS0&mt=1&rt=0

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Thank you to our 2011-2012 Host Firms http://links.mkt3350.com/ctt? http://links.mkt3350.com/ctt? http://links.mkt3350.com/ctt?

Sincerely,

Robert F. Riley, ABA Teleconference Co-Chair, Williams Mullen PC Michael W. Wise, ABA Teleconference Co-Chair, McDonald Hopkins, LLC <u>http://links.mkt3350.com/ctt?</u> <u>kn=19&ms=NTMxMzQwMqS2&r=NzkwMTYzMjcONwS2&b=2&j=MTk4MzY3NTcyS0&mt=1&rt=0</u>

http://links.mkt3350.com/ctt?

kn=8&ms=NTMxMzQwMgS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk4MzY3NTcyS0&mt=1&rt=0

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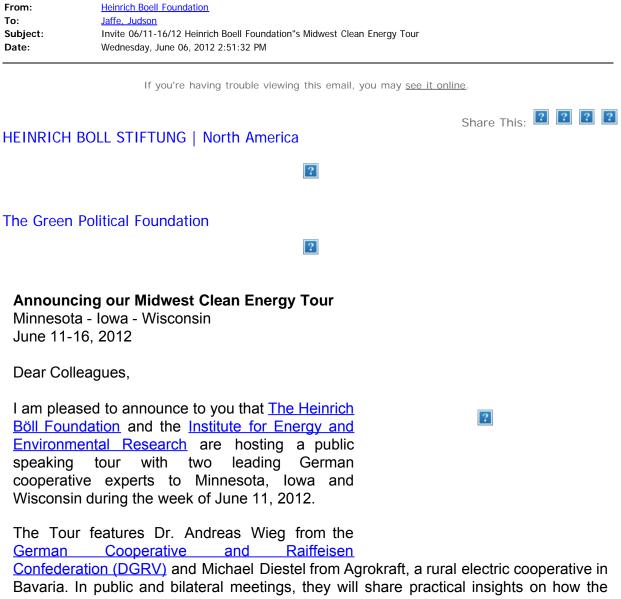
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Bavaria. In public and bilateral meetings, they will share practical insights on how the low carbon energy transition can create new local and cooperative business opportunities. Lessons from Germany are manifold, where much of the push towards clean energy comes from the local level. There is literally a small-town revolution underway where towns, villages and rural areas are striving to become more self-sufficient renewable energy communities.

The speakers will discuss the role that cooperatives are playing in Germany. They will address ways in which – through the cooperative model – renewable is spurring local business opportunities that can revitalize entire communities through well-paying jobs, tax revenue, strengthened community engagement and more.

The Midwest Clean Energy Tour is part of the <u>Climate Network</u>, a program by the Heinrich Böll Foundation that brings together opinion leaders, legislators and policy experts from both sides of the Atlantic who are committed to achieving policy change in support of a low carbon economy agenda. The Tour is tied to the <u>International Year of the Cooperative 2012</u>.

For further information on where and when you can meet us, please contact <u>Rebecca</u> <u>Bertram</u>.

Or join us directly at the following public events:

Tues, 6/12 12:30-1:30 PM	Solar Works for Minnesota at the Institute for Local Self Reliance, 1313 5th St. SE #303, Minneapolis, MN
Tues, 6/12 3-4 PM	Annual Meeting of the Association of Rural Electric Generating Cooperatives, The Hyatt Regency Minneapolis
Wed, 6/13 2-3:30 PM	Public Event with the Sierra Club, 3520 86th Street, Urbandale, IA
Wed, 6/13 7-9:30 PM	Public Event with the Sierra Club, Crown Point Community Center, Johnston, IA
Thurs, 6/14 1-3 PM	Public Event with the Sierra Club, African American Museum of Iowa in Cedar Rapids, IA
Thurs, 6/14 5:30-7 PM	Public Event at the University of Wisconsin at Platteville, WI
Sat, 6/16 12-1 PM	Midwest Renewable Energy Fair in Custer, WI

I also want to draw your attention to a 6-part series on the German Energy Transition (*Energiewende*), which we are publishing in the course of this summer. Please read below for the first three articles.

Sincerely,

Klaus Linsenmeier Executive Director

Revitalizing Rural Communities through the Renewable Energy Cooperative

Part 3 of German Energy Transition Series Cooperatives have a vast history of playing important roles in supporting local economies in both the Midwestern United States and Germany. Today, a significant opportunity exists to build on existing cooperative models in the Midwest to also supply

sources of local, renewable energy production. By Amanda Bilek

German Solar Bubble? Look Again!

Part 2 of German Energy Transition Series

Germany was a first mover in the solar energy sector. Recent bankruptcies call its early commitment into question, but a closer look shows how well positioned Germany remains – and why it's a good time for the US to get on board. By Craig Morris

Angst or Arithmetic? Why Germans are so Skeptical about Nuclear Energy

Part 1 of German Energy Transition Series

Is it hysteria or emotional populism that Germany has decided to phase out nuclear energy? On the contrary, a majority of Germans has been unconvinced of its merits since the early 1980s; the source of this anti-atom consensus lies in the persuasive, fact-based arguments of a powerful, grassroots social movement. By Paul Hockenos

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The Green Political Foundation

INVITE

The Heinrich Böll Foundation and the Environmental and Energy Study Institute cordially invite you to

Solar Power Trends: German and U.S. Perspectives

Monday, March 12, 2012 2pm-3pm <u>1334 Longworth House Office Building</u>

Apologies for cross postings

This briefing is free and open to the public. No RSVP required

Speakers Volker Quaschning, PhD, Professor for Renewable Energy, University of Applied Sciences in Berlin (HTW Berlin) Kathy Weiss, Vice President, Government Relations, First Solar

The Heinrich Böll Foundation and the Environmental and Energy Study Institute (EESI) invite you to a briefing looking at the energy transition occurring in Germany and how that compares, particularly with regard to the solar sector, with the United States. In the international race to a low-carbon economy, Germany has raised particular interest with its quick transition from coal and nuclear energy to a renewable energy based economy. Over the last ten years, Germany has increased the share of electricity from renewable sources from five to over 20 percent, while creating more than 380,000 new jobs in this sector. Together with Italy, not-so-sunny Germany is known as a world leader in deploying solar power. In 2011 alone, more than 7,000 MW of photovoltaics were installed in Germany, more than double the U.S. installation in the same time period. Investments in Germany as well as the United States have spurred manufacturing

This briefing is free and open to the public. No RSVP required.

For more information, contact Justin Jones at <u>jjones@eesi.org</u> or (202) 662-1892.

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Subject:	Join Chairman Wellinghoff Tomorrow March 21: Waste Energy Recovery from Industrial Processes
Date:	Tuesday, March 20, 2012 8:48:03 AM

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Waste Energy Recovery from Industrial Processes; Emergence of a Key Component of the Nation?s Energy and Economic Future

Join us live March 21, 2012 in a city near you or via telephone & webinar.

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The application of waste energy recycling in industrial processes can profitably reduce fossil fuel and carbon emissions directly, and indirectly by facilitating wind and solar. As part of a distributed generation strategy, waste energy recycling promotes greater energy efficiency, reduces line losses by up to 50 % and enables more transmission and distribution grid capacity for renewable power generation. These processes exist today and are making a difference in the U.S. and around the world.

A typical U.S. power plant is only about 33% efficient, using three units of fuel to produce one unit of electricity. The remainder is deemed waste energy and is primarily vented into the atmosphere. However, studies indicate that up to 40% of total U.S. electricity needs could come from waste energy recycling and combined heat and power.

The concept of a widespread use of waste energy recycling has achieved a significant momentum. The federal government and an increasing number of states have identified waste energy recycling as a key component of the nation?s energy and economic future. Policymakers at the state and federal level look to waste energy recycling as a means to help address critical issues, such as energy efficiency, fuel independence and better utilization of renewable energy resources.

The panel will:

- * Explain the waste energy recycling process
- * Address its role and benefits in the distributed generation context

* Highlight the growing policy interest at the federal and state levels in capturing the value of the waste stream for greater profits, transmission and distribution reliability and emissions reduction

- * Describe how to capture federal and state based incentives to develop waste energy recovery
- * Consider case studies of different corporate sponsorships and technology innovations

All the panelists are deeply involved in the practical and policy aspects of waste energy recycling, policy, combined heat and power development and integration challenges in a manner complementary to the development of renewables.

Please join us for an interesting and provocative discussion by a panel of industry experts who will provide their insights into waste energy recovery from industrial processes. After a short presentation by each of our panelists, the floor will be open for participants to ask questions.

Q & A Submission:

Q & A both on the teleconference and live at the host firm sites, will follow the speakers' presentations. Please email questions to: abaquestions@acore.org.

Call Times: 12:00 pm - 1:30 pm Eastern 11:00 am - 12:30 pm Central 10:00 am - 11:30 am Mountain 9:00 am - 10:30 am Pacific 8:00 am - 9:30 am Alaskan

Teleconference Co-Chairs: Robert F. Riley, Partner, Williams Mullen PC (Washington, D.C.) Michael W. Wise, McDonald Hopkins, LLC Overview: Dennis McGinn, President, ACORE

Moderator: Todd Foley SVP Policy & Government Relations, ACORE Robert F. Riley, Partner, Williams Mullen PC (Washington, D.C.)

Speakers:

Thomas R. Casten, Chairman, Recycled Energy Development LLC Jon Wellinghoff, Chairman, Federal Energy Regulatory Commission (FERC) Dr. Marilyn Brown, Professor of Energy Policy, Georgia Institute of Technology

How to Join

To participate in this call, please register online at: www.renewableenergyinfo.org <u>http://links.mkt3350.com/ctt?</u> <u>kn=24&ms=NTI2MTAzNwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk2MzQ1Nzc0S0&mt=1&rt=0</u>. There is a \$45.00 administrative fee to participate.

CLE Credits

Available for Participants New York State CLE credits are now available through the Pace Law School Center for Continuing Legal Education. The administrative cost for CLE credits is \$30.00. A list of states who have reciprocity with the New York State Bar can be viewed here http://links.mkt3350.com/ctt? http://links.mkt3350.com/ctt? http://links.mkt3350.com/ctt? http://links.mkt3350.com/ctt?

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From:	ACORE
To:	Jaffe, Judson
Subject:	Join Us Tomorrow - Biofuels and the US Military
Date:	Tuesday, April 03, 2012 8:04:11 AM

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BCC Webinar Series - Biofuels and the U.S. Military Join us Tomorrow, April 4, 2012 via telephone or webinar.

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This webinar will examine the strategies, opportunities and obstacles related to the expanded use of biofuels in support of national defense focusing on three major areas:What is being done to advance collaborations between the U.S. Military and the Biofuels industry and initiatives to increase the production and use of advanced biofuels?What are the obstacles to scaling up the use of biofuels by the military and how can they be addressed effectively?From a production standpoint - what is required to make production volumes and prices viable for DoD?Speakers will highlight innovative ways the DoD is collaborating with private sector industries and advanced biofuel technologies to enhance combat operations, lower costs and support the military's mission to draw 25% of its energy from renewable sources by 2025.

Call Times: 12:00 pm - 1:30 pm Eastern 11:00 am - 12:30 pm Central 10:00 am - 11:30 am Mountain 9:00 am - 10:30 am Pacific 8:00 am - 9:30 am Alaskan

Co-Chairs: Mona Dajani, Baker & McKenzie LLP Scott Sklar, The Stella Group, Ltd.

Moderator: Michael Zimmer, Thompson Hine LLP

Speakers: Suzanne Hunt, Carbon War Room Joe Vollmer, Sturman Industries Chris Tindal, U.S. Navy Amar Anumakonda, Honeywell's UOP

Q & A Submission:

Q & A session will follow the speakers' presentations. Please use the "ask question" button on your webinar screen to submit your questions.

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This webinar is presented by the Biomass Coordinating Council of ACORE

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From:	ACORE
To:	Jaffe, Judson
Subject:	Join Us Tomorrow May 16_A Global Perspective on Renewables Development
Date:	Tuesday, May 15, 2012 10:13:58 AM

Globalization and Renewables: The Future Is Now

Join us live May 16, 2012 in a city near you or via telephone & webinar.

Globalization is the central fact of our generation. It entails flows of capital, business products and applicable intellectual property. It has sweeping cross-border environmental impacts. It implies trade-offs in natural resource utilization.

Renewables must find their place in this changing world-wide economy as a solution to growing energy demands and as a competitive source of capital attraction.

This webinar focuses on several key ways renewable energy can be more fully integrated into the global energy markets. The panel features speakers from the Carbon War Room, guiding the deployment of capital worldwide to deal with the global warming crisis; DNV, having a hand in project due diligence and risk management assessments for offshore wind power development globally; Australia, a nation exporting adaptable home-grown renewable technologies to the United States and worldwide; and Westeva, an American-owned organization applying sophisticated new renewables analytical techniques developed in the United States to the Latin American markets.

The future of renewables rests on activities such as those our speakers will describe. On the Webinar, you will learn about:

* Pragmatic business and legal analysis to create wealth arising from strategies for the reduction of global carbon emissions

* Renewable energy technology transfer issues of renewable energy technologies to different legal and ecological settings

* Adaptation of U.S. technical renewables analysis to commercial ventures

* Lessons learned from the UK with respect to renewable energy deployment

* The roles which lawyers can play in enabling renewable proponents and companies to cope with and benefit from globalization

As the program title implies: for renewables, this is not about future shock--the future is now.

Q & A Submission:

Q & A both on the teleconference and live at the host firm sites, will follow the speakers' presentations. Please email questions to abaquestions@acore.org.

Call Times: 12:00 pm - 1:30 pm Eastern 11:00 am - 12:30 pm Central 10:00 am - 11:30 am Mountain 9:00 am - 10:30 am Pacific 8:00 am - 9:30 am Alaskan

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Legislative Update: Todd Foley, SVP, Policy & Government Relations, ACORE

Moderators: Kimberly E. Diamond, Counsel, Lowenstein Sandler PC Roger D. Feldman, Counsel, Andrews Kurth LLP

Speakers: Ken Westrick, Founder and CEO, Westeva LLC and Westeva SAS Jigar Shah, Member of the Board, Carbon War Room Kelly Ralston, Senior Trade Commissioner, Australian Trade Commission Karen Conover, Vice President, DNV KEMA Energy & Sustainability

Additional Q&A Panelists: Paul Adler, Investment Director, Australian Trade Commission Nigel Warren, Senior Trade Commissioner, Australian Trade Commission

How to Join

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Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

From:	Joy-Fleur Brettschneider
To:	Jaffe, Judson
Subject:	Large-scale solar is back – will your business be part of the next boom?
Date:	Wednesday, May 23, 2012 11:19:16 AM

Now that PV component prices have come down to a point where the Renewable Obligation (ROCs) incentive mechanism is once more viable; the large-scale solar market is set for a revival. Is this email not displaying correctly? [1]View it in your browser. [2]Doing Solar Business in the UK Links: 1. <u>http://us1.campaign-archive1.com/?u=262eef527f581e60bd4d1ac05&id=2cf1e11e98&e=1220548888</u>

http://www.solarpowerukevents.org/doing_solar_business_uk2012?

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DSBUK 3 International5 23 2012&utm medium=email

Large-scale solar is back - will your business be part of the next boom?

Now that PV component prices have come down to a point where the Renewable Obligation (ROCs) incentive mechanism is once more viable; the large-scale solar market is set for a revival.

Just last week UK-based company Hive Energy put forward plans to develop a [3]25MW solar park in Suffolk, partnering with Moser Baer to deliver the £40 million scheme adding to ~132MW of large-scale solar planned in the country. Add to that Anesco's 30MW+ plans, including its [4]5MW solar park in Fawley, and large-scale solar in the UK is back, big time.

So, how can you get involved in this growing market? Links:

3. <u>http://www.solarpowerportal.co.uk/news/suffolk_set_to_benefit_from_25mw_solar_park?</u> <u>utm_source=Doing+Solar+Business+in+the+UK+2012&utm_campaign=2cf1e11e98-</u> <u>DSBUK_3_International5_23_2012&utm_medium=email</u>

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By attending Doing Solar Business in the UK you will learn first hand from those already planning large-scale solar parks so you too can take advantage of this market shift.

Hear from Lark Energy's Managing Director, Jonathan Selwyn, who will be discussing how to successfully develop 20MW+ solar parks in the UK and learn just how Renewable Obligation Certificates are kick-starting the large-scale solar market in the UK.

Doing Solar Business in the UK: if you are attending Intersolar Europe this year and are planning to be part of the UK large-scale solar boom [5]book now.

Links:

5. <u>http://www.solarpowerukevents.org/doing_solar_business_uk2012/?</u> <u>utm_source=Doing+Solar+Business+in+the+UK+2012&utm_campaign=2cf1e11e98-DSBUK_3_International5_23_2012&utm_medium=email#dsb-tickets</u>

[6]Purchase your tickets here

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6. <u>http://www.solarpowerukevents.org/doing_solar_business_uk2012/?</u> <u>utm_source=Doing+Solar+Business+in+the+UK+2012&utm_campaign=2cf1e11e98-DSBUK_3_International5_23_2012&utm_medium=email#dsb-tickets</u>

Speakers

Jonathan Selwyn, Managing Director, Lark Energy

Large-scale solar case study: how to develop 20MW+ solar parks in the UK $\,$

Jean-Pascal Boutin, Partner, Eversheds

Beyond the Feed-in-Tariff - how the Renewable Obligation Certificates enable large-scale solar in the UK

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Clenergy is a technology company which designs, manufactures and distributes products for the Solar PV market like mounting systems, inverters and solar controllers. Our solutions address the needs of residential, corporate and utility scale customers.

Relevant UK Solar News

[7]Anesco leads large-scale solar renaissance

Links:

7. http://www.solarpowerportal.co.uk/news/anesco_leads_large_scale_solar_renaissance? utm_source=Doing+Solar+Business+in+the+UK+2012&utm_campaign=2cf1e11e98-DSBUK_3_International5_23_2012&utm_medium=email

Anesco has broken ground on one of the first large-scale solar parks since prohibitive cuts to the feed-in tariff were rushed through in August last year. The park represents the renewable energy company's first step towards installing significant large-scale solar capacity across the UK.

[8]Co-Operative Bank pledges £300m for UK renewable energy projects Links:

8.

http://www.solarpowerportal.co.uk/news/co_operative_bank_pledges_300m_for_uk_renewable_energy_projects_5478? utm_source=Doing+Solar+Business+in+the+UK+2012&utm_campaign=2cf1e11e98-DSBUK_3_International5_23_2012&utm_medium=email

At a time when many solar companies are worrying about their financial situation, the Co-Operative Bank has pledged to provide approximately £300 million in loans for UK renewable energy projects throughout 2012.

[9]Suffolk set to benefit from 25MW solar park

Links:

9. <u>http://www.solarpowerportal.co.uk/news/suffolk_set_to_benefit_from_25mw_solar_park?</u> <u>utm_source=Doing+Solar+Business+in+the+UK+2012&utm_campaign=2cf1e11e98-</u> <u>DSBUK_3_International5_23_2012&utm_medium=email</u>

Hampshire-based Hive Energy has begun consulting on proposals to install a 25MW solar park in Suffolk. The proposed solar park will span 160 acres of farmland in the village of Hacheston and produce enough energy to supply 25,000 homes with carbon-free energy. Copyright © 2012 Solar Media, All rights reserved. You are receiving this email because you are a client of Solar Media Ltd. Our mailing address is: Solar Media 100 City Road London, England EC1Y 2BP [10] unsubscribe from this list | [11] update subscription preferences Links: 10. http://henleymediagroup.us1.list-manage.com/unsubscribe? u=262eef527f581e60bd4d1ac05&id=d72fe81685&e=1220548888&c=2cf1e11e98 11. http://henleymediagroup.us1.list-manage.com/profile? u=262eef527f581e60bd4d1ac05&id=d72fe81685&e=1220548888

From:	ACORE
To:	Jaffe, Judson
Subject:	Look Who"s Participating In The All-Renewable Energy Event
Date:	Thursday, May 03, 2012 1:56:11 PM

To view this mail in a browser, copy <u>http://links.mkt3350.com/servlet/MailView?</u> <u>ms=NTMyMDkwNgS2&r=NzkwMTYzMjc0NwS2&j=MTk4NjczMTIxS0&mt=1&rt=0</u> into your browser. <u>http://links.mkt3350.com/ctt?</u> <u>kn=7&ms=NTMyMDkwNgS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk4NjczMTIxS0&mt=1&rt=0</u>

Look Who's Participating at the Global Event Dedicated to ALL Renewable Energy Technologies!

Here is a just a sample of the companies you will meet in October at RETECH 2012: 25x25 AAACM Green Warrior, Inc. Advanced Biofuels USA Advanced Refining Concepts Alliance to Save Energy Alternative Energy eMagazine American Coalition for Ethanol (ACE) American Council On Renewable Energy (ACORE) Analysis Group Baker & McKenzie LLP **BASF** Corporation **BRUKS Rockwood** Carbon Credit Capital Center for Resource Solutions Clean Edge CleanPath CleanTECH San Diego **CPM Roskamp Champion Diesel Technology Forum Defense Daily DOD Information Analysis Centers** EcoSeed Electric Power Research Institute (EPRI) enerG Magazine **Energy Future Coalition** EnergyKnows ENF Environmental Law & Policy Center **Expeditionary Energy Office** FierceEnergy Fuel Cell & Hydrogen Energy Association FuelCELL Energy, Inc. GovEvents Gulf Coast Energy Network Harvel Plastics, Inc. Hunton and Williams Industrial Hygiene News Invest in Denmark Mid-Atlantic ? Russia Business Council Navigant Consulting NASEO North American Clean Energy Pellet Fuels Institute **Pipeline Clean Energy** Planet 2025 Network **Pollution Equipment News** PowerFilm **POWER** magazine REC Solar, Inc. Renewable Energy & Energy Efficiency Partnership

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From:	Microsoft Exchange on behalf of Heil, Mark
To:	Jaffe, Judson
Subject:	Meeting Forward Notification: Social Cost of Carbon Meeting
Start:	Thursday, February 09, 2012 2:45:00 PM
End:	Thursday, February 09, 2012 3:45:00 PM
Location:	<code>@EPA: Meet inside South Entrance of MT to walk over to EPA together</code>

Your meeting was forwarded

HYPERLINK "mailto:Mark.Heil@treasury.gov"Heil, Mark has forwarded your meeting request to additional recipients.

Meeting Social Cost of Carbon Meeting

Meeting Time Thursday, February 09, 2012 3:00 PM-4:00 PM.

Recipients HYPERLINK "mailto:Chris.Soares@treasury.gov"Soares, Chris

All times listed are in the following time zone: (GMT-05:00) Eastern Time (US & Canada)

Sent by Microsoft Exchange Server 2007

From:	Microsoft Exchange on behalf of Heil, Mark
To:	Jaffe, Judson
Subject:	Meeting Forward Notification: Social Cost of Carbon Meeting
Start:	Thursday, February 09, 2012 2:45:00 PM
End:	Thursday, February 09, 2012 3:45:00 PM
Location:	<code>@EPA: Meet inside South Entrance of MT to walk over to EPA together</code>

Your meeting was forwarded

HYPERLINK "mailto:Mark.Heil@treasury.gov"Heil, Mark has forwarded your meeting request to additional recipients.

Meeting Social Cost of Carbon Meeting

Meeting Time Thursday, February 09, 2012 2:45 PM-3:45 PM.

Recipients HYPERLINK "mailto:Chris.Soares@treasury.gov"Soares, Chris

All times listed are in the following time zone: (GMT-05:00) Eastern Time (US & Canada)

Sent by Microsoft Exchange Server 2007

From:	Stavins, Robert
To:	Stavins, Robert
Subject:	New Post at An Economic View of the Environment If the Durban Platform Opened a Window, Will India and China Close It? - Livelink 33 KB
Date:	Friday, March 16, 2012 11:45:55 AM
Attachments:	Blank Bkard.aif - 209 B

Dear Friends/Colleagues:

I'm sending this note to those of you who I believe may find of interest my most recent blog post, If the Durban Platform Opened a Window, Will India and China Close It?<<u>http://www.robertstavinsblog.org/2012/03/16/if-the-durban-platform-opened-a-window-will-india-and-china-close-it/</u>> (also pasted below)

By replacing the Berlin Mandate, the Durban Platform for Enhanced Action has opened an important window. National delegations from around the world now have a challenging task before them: to identify a new international climate policy architecture that is consistent with the process, pathway, and principles laid out in the Durban Platform, namely to find a way to include all key countries (such as the 20 largest national and regional economies that together account for upwards of 80% of global carbon dioxide emissions) in a structure that brings about meaningful emissions reductions on an appropriate timetable at acceptable cost, while remaining within the overall framework provided by the UNFCCC. Are India and China already seeking to close this window? That's the topic of this new essay, the topic of this new blog essay.

At the web site of the blog (http://www.robertstavinsblog.org/), you can sign up to be notified when new postings appear (scroll down the righthand side of the of the web site screen to "Email Updates"). If you've already signed up, please let me know, and I'll remove you from this list.

If you have any comments on any postings, please feel free to post them at the web site. And if you have any general comments about ways in which the blog could be improved to make it more useful, please let me know.

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Rob Stavins

Robert N. Stavins < http://www.stavins.com/>, Albert Pratt Professor of Business & Government, John F. Kennedy School of Government, Harvard University

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Co-Chair, Harvard Business School-Kennedy School Joint Degree Programs Director, Harvard Project on Climate Agreements<<u>http://www.belfercenter.org/climate</u>>

Blog: An Economic View of the Environment<<u>http://belfercenter.ksg.harvard.edu/analysis/stavins/</u>> SSRN Paper

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Mail: John F. Kennedy School of Government, Harvard University, 79 JFK St., Room L-306, Box 11, Cambridge, MA 02138 Phone: 617-495-1820 Fax: 617-496-3783 E-Mail: robert_stavins@harvard.edu<mailto:robert_stavins@harvar University Fellow, Resources for the Future Research Associate, National Bureau of Economic Research

Assistant: Mr. Jason Chapman Room L-307B Phone: 617-496-8054

Fax: 617-496-3783 E-Mail: jason_chapman@harvard.edu<mailto:jennifer_shultis@harvard.edu>

If the Durban Platform Opened a Window, Will India and China Close It?

March 16, 2012<<u>http://www.robertstavinsblog.org/2012/03/16/if-the-durban-platform-opened-a-window-will-india-and-china-close-it/</u>> by Robert Stavins<<u>http://www.robertstavinsblog.org/author/rstavins/</u>>

In my December 12th essay<<u>http://www.robertstavinsblog.org/2011/12/12/assessing-the-climate-talks-did-durban-succeed/</u>> – following the 17th Conference of the Parties (COP-17)<<u>http://unfccc.int/meetings/durban_nov_2011/meeting/6245.php</u>> of the United Nations Framework Convention on Climate Change (UNFCCC)<<u>http://unfccc.int/2860.php</u>>, which adjourned on December 11, 2011 – I offered my assessment of the Durban climate negotiations<<u>http://www.robertstavinsblog.org/2011/12/12/assessing-the-climate-talks-did-durban-succeed/</u>> by taking note of three major outcomes of the negotiations: (1) elaboration on several components of the Cancun Agreements<<u>http://cancun.unfccc.int/</u>>; (2) a second five-year commitment period for the Kyoto Protocol<<u>http://unfccc.int/kyoto_protocol/items/2830.php</u>>; and (3) a "non-binding agreement to reach an agreement" by 2015 that will bring all countries under the same legal regime by 2020. Subsequently, in my January 1st essay - The Platform Opens a Window: An Unambiguous Consequence of the Durban Climate Talks< http://www.robertstavinsblog.org/2012/01/01/the-platform-opens-a-window-an-unambiguousence-of-the-durban-climate-talks/> - I focused on the third outcome of the talks, the "Durban Platform for Enhanced Action."

Some Necessary History

The U.N. Framework Convention on Climate Change<<u>http://unfccc.int/essential_background/convention/items/6036.php</u>>, adopted at the U.N. Conference on Environment and Development<<u>http://www.un.org/geninfo/bp/enviro.html</u>> (the first "Earth Summit") in Rio de Janeiro, Brazil, in 1992, contains what was to become a crucial passage: "The Parties should protect the climate system for the benefit of present and future generations of humankind, on the basis of equity and in accordance with their common but differentiated responsibilities and respective capabilities. Accordingly, the developed country Parties should take the lead in combating climate change and the adverse effects thereof." [emphasis added] The countries considered to be "developed country Parties" were listed in an appendix to the 1992 Convention - Annex I.

The phrase - common but differentiated responsibilities - was given a specific interpretation three years after the Earth Summit by the first decision adopted by the first Conference of the Parties (COP-1) of the U.N. Framework Convention, in Berlin, Germany, April 7, 1995 - the all important Berlin Mandate<<u>http://unfccc.int/resource/docs/cop1/07a01.pdf</u>>, which interpreted the principle as: (1) launching a process to commit (by 1997) the Annex I countries to quantified greenhouse gas emissions reductions within specified time periods (targets and timetables); and (2) stating unambiguously that the process should "not introduce any new commitments for Parties not included in Annex I."

Thus, the Berlin Mandate established the dichotomous distinction whereby the Annex I countries are to take on emissions-reductions responsibilities, and the non-Annex I countries are to have no such responsibilities whatsoever. This had wide-ranging and profound consequences, because it became the anchor that prevented real progress in international climate negotiations. With 50 non-Annex I countries having greater per capita income than the poorest of the Annex I countries, the distinction is clearly out of whack.

But, more important than that, this dichotomous distinction means that: (a) half of global emissions soon will be from nations without constraints; (b) the world's largest emitter – China – is unconstrained; (c) aggregate compliance costs are driven up to be four times their cost effective level, because many opportunities for low-cost emissions abatement in emerging economies are taken off the table; and (d) an institutional structure is perpetuated that makes change and progress virtually impossible.

The dichotomous Annex I/non-Annex I distinction remained a central - indeed, the central - feature of international climate negotiations ever since COP-1 in Berlin in 1995. Then, at COP-15 in 2009, there were hints of possible change.

The Copenhagen Accord < http://www.robertstavinsblog.org/2009/12/20/what-hath-copenhagen-wrought-a-preliminary-assessment-of-the-copenhagenaccord/> (2009) and the Cancun Agreements-<u>http://www.robertstavinsblog.org/2010/12/13/successful-outcome-of-climate-negotiations-in-cancun/</u>> (2010) began a process of blurring the Annex I/non-Annex I distinction. But this blurring was only in the context of the interim pledge-and-review system established at COP-15 in Copenhagen and certified at COP-16 in Cancun, not in the context of an eventual successor to the Kyoto Protocol. Thus, the Berlin Mandate retained its centrality.

The Durban Platform for Enhanced Action

The third of the three outcomes of the December 2011 talks in Durban, South Africa – the Durban Platform for Enhanced Action – eliminates the Annex I/non-Annex I (or industrialized/developing country) distinction. In the Durban Platform, the delegates reached a non-binding agreement to reach an agreement by 2015 that will bring all countries under the same legal regime by 2020<<u>http://unfccc.int/resource/docs/2011/cop17/eng/110.pdf</u>>. That's a strange sentence, but it's important.

Rather than adopting the Annex I/non-Annex I (or industrialized/developing country) distinction, the Durban Platform focuses instead on the pledge to create a system of greenhouse gas reductions including all Parties (that is, all key countries) by 2015 that will come into force by 2020. Nowhere in the text of the decision are phrases such as "Annex I," "common but differentiated responsibilities," "distributional equity," "historical responsibility," all of which had long since become code words for targets for the richest countries and blank checks for all others.

Thus, in a dramatic departure from some seventeen years of U.N. international negotiations on climate change, the 17th Conference of the Parties in Durban turned away from the Annex I/non-Annex I distinction, which had been the centerpiece of international climate policy and negotiations since it was adopted at the 1st Conference of the Parties in Berlin in 1995. In truth, only time will tell whether the Durban Platform delivers on its promise, or turns out to be another "Bail Roadmap," leading nowhere, but there is a key unambiguous consequence of this development.

Durban Opens a Window

By replacing the Berlin Mandate, the Durban Platform has opened an important window. National delegations from around the world now have a challenging task before them: to identify a new international climate policy architecture that is consistent with the process, pathway, and principles laid out in the Durban Platform, namely to find a way to include all key countries (such as the 20 largest national and regional economies that together account for upwards of 80% of global carbon dioxide emissions) in a structure that brings about meaningful emissions reductions on an appropriate timetable at acceptable cost, while remaining within the overall framework provided by the UNFCCC.

Is India Seeking to Close the Window?

As part of the agreement to launch the Durban Platform for Enhanced Action, the nations of the world agreed to initiate a work plan on enhancing mitigation ambition. As a first step, each country was to submit its initial ideas.

On February 28, 2012, the Indian government made its official submission to the UNFCCC, "Increasing Ambition Level under Durban Platform for Enhanced Action." < http://unfccc.int/files/documentation/submissions_from_parties/adp/application/pdf/adp_india_28022012.pdf > In seventeen paragraphs across three pages of text, India's submission makes absolutely clear its view that the Durban Platform is under the overall legal umbrella of the UNFCCC, and therefore that the principles of "equity" and "common but differentiated responsibilities" remain intact and must inform all commitments for enhanced action. In fact, the lion's share of India's submission talks about the responsibilities of industrialized countries, not about India's ideas for its own contributions.

India's submission actually quantifies what it sees as the necessary future commitments of Annex I ("developed") countries – by referring to the 2007 Fourth Assessment Report (AR4) of the Intergovernmental Panel on Climate

Change-<u>http://www.ipcc.ch/publications_and_dat/ar4/syr/en/contents.html</u>>: "AR4 has recommended that Annex I Parties should reduce their emissions at least by 25-40% in the short term by 2020" [emphasis added]. But, in truth, AR4 made no such recommendation. Indeed, the IPCC – in general – does not make any policy recommendations whatsoever. This is one of the key organizing principles under which the IPCC operates. I know this from decades of direct work with the IPCC, having served as a Lead Author in two rounds of the IPCC, and currently serving as a Coordinating Lead Author in AR5.

China Weighs In

A week after India made its submission, the Chinese government followed suit on March 8th with "China's Submission on Options and Ways for Further Increasing the Level of Ambition."<<u>http://unfccc.int/files/documentation/submissions_from_parties/adp/application/pdf/adp_china_08032012.pdf</u>> Although the Chinese government did not repeat the Indian's mistaken claim about IPCC recommendations, the submission was otherwise consistent, maintaining that industrialized countries alone bear responsibility for reducing emissions before 2020: "Developed country Parties should take the lead in reducing their emissions by undertaking ambitious mitigation commitments and fulfill their obligations by providing financial resources and transferring technology to developing country Parties."

They Have a Point

India and China have a point. The Durban Platform did not supplant the Convention, so the general notions of "equity" and "common but differentiated responsibilities" do remain. But – and here is the key reality – the Durban Platform did replace the Berlin Mandate. And so a window has been opened to explore new, more sophisticated, and more subtle ways of involving all key countries in an environmentally effective and cost-effective global agreement, with a new interpretation of common but differentiated responsibilities.

For example, replacing the dichotomous Annex I/non-Annex I distinction with a formula that generates a continuous spectrum of degrees of responsibility would be fully consistent both with the Durban Platform for Enhanced Action and the U.N. Framework Convention on Climate Change. Such a formulaic approach – as developed by Professors Jeffrey Frankelhttp://www.hks.harvard.edu/fs/jfrankel/index.htm and Valentina Bosetti<http://www.hks.harvard.edu/fs/jfrankel/index.htm and Valentina Bosetti<http://www.hks.harvard.edu/fs/jfrankel/index.htm and Valentina Bosetti (http://www.hks.harvard.edu/fs/jfrankel/index.htm and Valentina Bosetti (http://be/fercenter.ksg.harvard.edu/project/56/harvard_project_on_climate_agreements.html – merits serious consideration, along with other innovative international policy architectures.

Although some in the press and blogosphere have characterized the Chinese and Indian submissions as hitting "the brakes on Durban pledges" and "hitting the reset button on international climate change commitments," <<u>http://www.eenews.net.ezp-</u>prod1.hul.harvard.edu/climatewire/2012/03/08/archive/22terms=india+hits+brakes> in reality the Chinese and Indian submissions refer only to emission reductions prior to 2020, whereas the Durban Platform for Enhanced Action focuses on (agreeing by 2015 on) a new international agreement that would be implemented only in 2020. Thus, there's no inconsistency.

Stay Tuned

Whether or not the submissions by China and India are part of a diplomatic dance or represent a real step backward from their positions in Durban, the fact remains that the Durban Platform – by replacing the Berlin Mandate – has opened an important window. Governments around the world need fresh, outside-of-the-box ideas over the next few years of a possible future international climate policy architecture<<u>http://belfercenter.ksg.harvard.edu/publication/19017/postkyoto_international_climate_policy.html?</u> breadcrumb=%2Eproject%2E56%2Eharvard_project_on_climate_agreements%3Faroupby%3D6%26parent_id%3D%26page_id%3D157%26filter%3D1014 > that can meet the call of the Durban Platform while remaining true to the Framework Convention on Climate Change. That's the challenge, as well as the opportunity.

=

From:	Stavins, Robert
To:	Stavins, Robert
Subject:	New Post at An Economic View of the Environment Low Prices a Problem? Making Sense of Misleading Talk about Cap-and-Trade in Europe and the USA - Livelink 198 KB
Date:	Wednesday, April 25, 2012 8:27:26 PM
Attachments:	Blank Bkgrd.gif - 209 B
	image002.gif - 2 KB
	image001.png - 34 KB
	image003.png <u>- 47 KB</u>
	image004.jpg - 20 KB
	image007.jpg - 40 KB
	image008.jpg - 23 KB

Dear Friends/Colleagues:

I'm sending this note to those of you who I believe may find of interest my most recent blog post, Low Prices a Problem? Making Sense of Misleading Talk about Cap-and-Trade in Europe and the USA<<u>http://www.robertstavinsblog.org/2012/04/25/low-prices-a-problem-making-sense-of-misleading-talk-about-cap-and-trade-in-europe-and-the-usa/</u>> (also pasted below).

Some press accounts and various advocates have labeled the Regional Greenhouse Gas Initiative (RGGI)<<u>http://www.rggi.org/</u>> as near "the brink of

failure" < http://newjersey.watchdog.org/2011/09/09/3060/> because of the recent trend of very low auction prices. Likewise, commentators have recently characterized the European Union Emission Trading Scheme (EU ETS) < http://ec.europa.eu/clima/policies/ets/index_en.htm> as possibly "sinking into oblivion" < http://www.eceee.org/news/News_2012/2012-04-12> because of low allowance prices. Since when are low prices (which in this case reflect low marginal abatement costs) considered to be a problem? To understand what's going on, we need to remind ourselves of the purpose (and promise) of a cap-and-trade regime, and then look at what's been happening in the respective markets. That's the topic of this new blog essay.

At the web site of the blog (<u>http://www.robertstavinsblog.org/</u>), you can sign up to be notified when new postings appear (scroll down the right-hand side of the of the web site screen to "Email Updates"). If you've already signed up, please let me know, and I'll remove you from this list.

If you have any comments on any postings, please feel free to post them at the web site. And if you have any general comments about ways in which the blog could be improved to make it more useful, please let me know.

I apologize if this is an unwanted e-mail. If you would like me to remove your name from this list for future notifications, please respond to this email with he word, "REMOVE" in the subject line, and your name will be removed automatically.

Thanks,

Rob Stavins

Robert N. Stavins<<u>http://www.stavins.com/</u>>, Albert Pratt Professor of Business & Government, John F. Kennedy School of Government, Harvard University Director, Harvard Environmental Economics Program < http://www.ksg.harvard.edu/m-rcbg/heep/> Director of Graduate Studies, Ph.D. Programs in Public Policy and Political Economy & Government Co-Chair, Harvard Business School-Kennedy School Joint Degree Programs Director, Harvard Project on Climate Agreements<<u>http://www.belfercenter.org/climate</u>> Blog: An Economic View of the Environment<<u>http://belfercenter.ksg.harvard.edu/analysis/stavins/</u>> SSRN Paper Downloads<<u>http://ssrn.com/author=26285</u>> Mail: John F. Kennedy School of Government, Harvard University, 79 JFK St., Room L-306, Box 11, Cambridge, MA 02138 Phone: 617-495-1820 Fax: 617-496-3783 E-Mail: robert_stavins@harvard.edu<mailto:robert_stavins@harvard.edu> University Fellow, Resources for the Future Research Associate, National Bureau of Economic

Research

Assistant: Mr. Jason Chapman Room L-307B Phone: 617-496-8054 Fax: 617-496-3783 E-Mail: jason_chapman@harvard.edu<<u>mailto:jennifer_shultis@harvard.edu</u>>

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Low Prices a Problem? Making Sense of Misleading Talk about Cap-and-Trade in Europe and the USA Posted on April 25, 2012<<u>http://www.robertstavinsblog.org/2012/04/25/low-prices-a-problem-making-sense-of-misleading-talk-about-cap-and-trade-in-europe-and-the-usa/</u>> by Robert Stavins<<u>http://www.robertstavinsblog.org/author/rstavins/</u>></u>

Some press accounts and various advocates have labeled the Regional Greenhouse Gas Initiative (RGGI)<<u>http://www.rggi.org/</u>> as near "the brink of

failure"<<u>http://newjersey.watchdog.org/2011/09/09/3060/</u>> because of the recent trend of very low auction prices. Likewise, commentators have recently characterized the European Union Emission Trading Scheme (EU ETS)<<u>http://ec.europa.eu/clima/policies/ets/index_en.htm</u>> as possibly "sinking into oblivion"<<u>http://www.eceee.org/news/News_2012/2012-04-12</u>> because of low allowance prices. Since when are low prices (which in this case reflect low marginal abatement costs) considered to be a problem? To understand what's going on, we need to remind ourselves of the purpose (and promise) of a cap-and-trade regime, and then look at what's been happening in the respective markets.

The Purpose and Promise of Cap-and-Trade

A cap-and-trade system<<u>http://en.wikipedia.org/wiki/Emissions_trading</u>>- if well designed, implemented, and enforced – will limit total emissions of the regulated pollutant to the desired level (the cap), and will do this (if the cap is binding) in a cost-effective manner, by leading regulated sources to each make reductions until they are all experiencing the same marginal abatement cost (the allowance price). Thus, the sources that initially face the highest abatement costs, reduce less, and those sources that face the lowest abatement costs, reduce more, achieving system-wide minimum costs, that is, cost effectiveness. So, the purpose and promise, in a nutshell, is to achieve the targeted level of aggregate pollution control, and – if the cap is binding – do this at the lowest possible cost.

RGGI Allowance Prices

The Regional Greenhouse Gas Initiative (RGGI)<<u>http://www.rggi.org/</u>> – a downstream cap-and-trade system for CO2 emissions from the power sector in 10 northeast states (Connecticut, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, and Vermont, with New Jersey now in the process of withdrawing from the coalition), was launched with relatively unambitious targets, principally in order to keep prices down to prevent severe leakage of electricity demand and hence leakage of CO2 emissions from the RGGI region to states and provinces outside of the region (mainly from New York to Pennsylvania).

Emissions are capped from 2012 to 2014, and then, starting in 2015, the cap decreases 2.5% per year until it is down by 10% in 2019. This would represent a level of emissions 13% below the 1990 level of emissions. It was originally thought that this would be some 35% below the Business-as-Usual (BAU) level in 2019. Sounds good. What happened is not that the system performed other than designed, but that "business was not as usual." That is, what happened is that unregulated power-sector (BAU) emissions in the northeast fell significantly. (See the graph below of the RGGI cap and historical emissions.)

[http://www.robertstavinsblog.org/wp-

content/uploads/2012/04/rggi_greenhouse1.png]<<u>http://www.robertstavinsblog.org/2012/04/25/low-prices-a-problem-making-sense-of-misleading-talk-about-cap-and-trade-in-europe-and-the-usa/rggi_greenhouse-2/</u>>

For source, please click here.<<u>http://www.whrc.org/policy/rggi.html</u>>

So, Why Did Emissions Fall in the RGGI States?

This happened for three reasons. First, because of increasing supplies in the United States of low-cost, unconventional sources of natural gas, prices for this fuel have fallen dramatically since 2008. (See the graph below of natural gas and coal prices.) That has meant greater dispatch of electricity from gas-fueled power plants (relative to coal-fired plants), more investment in new gas-fired generating plants, less investment in coal-fired generating capacity, and retirement of existing coal-fired capacity, all of which has contributed to lower CO2 emissions.

[http://www.robertstavinsblog.org/wp-

content/uploads/2012/04/pkcl.bmp]<http://www.robertstavinsblog.org/2012/04/25/low-prices-aproblem-making-sense-of-misleading-talk-about-cap-and-trade-in-europe-and-the-usa/pkcl/> For source, please click here.<<u>http://switchboard.nrdc.org/blogs/astevenson/peak_coal.html</u>>

Second, the worst economic recession since the Great Depression hit the United States in 2008, causing dramatic reductions in electricity demand in the industrial and commercial sectors, reducing emissions. (See the graph below of quarterly percentage change in U.S. GDP, 2007-2009.)

[http://www.robertstavinsblog.org/wpcontent/uploads/2012/04/gdp0409.jpg]<http://www.kathylien.com/site/gdp/tracking-us-gdp>

For source, please click here.<<u>http://www.kathylien.com/site/gdp/tracking-us-gdp</u>>

Third and finally, moderate northeast temperatures have kept down CO2 emissions linked with both heating and cooling.

Low Emissions, Low Allowance Demand, Low Allowance Prices

So, for the three reasons above, BAU CO2 emissions from the power sector in the RGGI states are dramatically below what was originally (and quite reasonably) anticipated. The supply of RGGI CO2 allowances made available at auction is – by law – unchanged, but demand for these allowances has fallen dramatically, hence the fall in RGGI allowance prices. (See the graph below of RGGI allowance prices, 2008-2010.)

[http://www.robertstavinsblog.org/wp-content/uploads/2012/04/39_10_1108_S0193-2306_2011_0000014004.png]<http://www.robertstavinsblog.org/2012/04/25/low-prices-a-problemmaking-sense-of-misleading-talk-about-cap-and-trade-in-europe-and-the-usa/39_10_1108_s0193-2306_2011_0000014004/>

For source, please click here.<<u>http://www.emeraldinsight.com/books.htm?</u> <u>chapterid=1917928&show=html</u>>

Given that emissions are below the RGGI cap and – due to expectations regarding future natural gas prices – are likely to remain below the cap, there is no scarcity of allowances. Shouldn't the price fall to zero? In theory, yes, except that the system has an auction reservation price of \$1.86 per ton built in, thereby creating a price floor of precisely this amount.

Is RGGI a Failure?

So, the cap put in place by the RGGI system is being achieved, but it is not binding. RGGI may not be particularly relevant, but it is not thereby a flawed system; surely it is not a failure. Rather, a great environmental success has been achieved by the "fortunate coincidence" of low natural gas prices, economic recession, and mild weather. This is hardly something to be lamented.

True enough, the RGGI system does have flaws (such as its narrow scope limited to electricity generation, and its lack of a simple safety valve, as I have written about in the past<<u>http://www.hks.harvard.edu/fs/rstavins/Selected_Articles/Op-</u>Ed_Boston_Globe_Dec12, 2005.pdf>). But the low allowance prices are evidence of a success outside

of the RGGI market, not evidence of failure within the RGGI market.

If the RGGI states have the desire and the political will to tighten the cap in the future, then the system can again become binding, environmentally relevant, and cost-effective. That's an ongoing political debate.

To be fair, I should note that the same outcome I have described here can be spun – perhaps for political purposes – quite differently. Recently, a self-described "free-market energy blog" commentator claimed<<u>http://www.masterresource.org/2010/07/rggi-cap-tax-spend-model/</u>> – not without some justification – that RGGI is irrelevant or worse: "Bottom line, the program has raised electricity prices, created a slush fund for each of the member states, and has had virtually no impact on emissions or on global climate change."

Now, let's turn to the European Union Emissions Trading Scheme (EU ETS).

EU ETS Allowance Prices

Unlike RGGI, the EU ETS has not been irrelevant. It has successfully capped European CO2 emissions, achieved significant emissions reductions, and it has done so cost-effectively. Not surprisingly, like RGGI, the EU ETS has some design flaws (principally, its limited scope – electricity generation and large-scale manufacturing – and lack of a safety-valve), but as with RGGI, its low allowance prices should not be taken as bad news, but as good news, and certainly not as a sign of failure.

Hand-wringing in Europe over Low Allowance Prices

There has been much hand-wringing in Europe over the "failure of the system" because of low allowance prices. Indeed, Danish Energy Minister Martin Lidegaard<<u>http://da.wikipedia.org/wiki/Martin_Lidegaard</u>> said earlier this month that low carbon prices threaten the EU ETS<<u>http://www.eenews.net.ezp-prod1.hul.harvard.edu/climatewire/2012/04/16/archive/5?terms=low+carbon+prices+threaten</u>>.

Of course, he's correct that EU ETS allowance prices are "low." They are down from their historic average of about \$20 per ton of CO2 to about \$9 per ton currently (having reached an all-time low of \$7.88 in early April). Here's a graph of EU ETS allowance prices (EUAs) over the crucial period of change, January 2007 to January 2009.

[http://www.robertstavinsblog.org/wp-

content/uploads/2012/04/Carbon_price.jpg]<http://www.robertstavinsblog.org/2012/04/25/low-prices-a-problem-making-sense-of-misleading-talk-about-cap-and-trade-in-europe-and-the-usa/carbon_price/>

For source, please click

here.<<u>http://www.draxgroup.plc.uk/annual2008/busreview/bus_finrev/key_factors/</u>>

At this point in this essay, I probably don't need to say that this pattern is largely explained by the global recession, which has hit Europe particularly hard (and now threatens a double-dip recession in a number of European nations). Lower European – and global – demand has meant decreased economic activity in Europe, hence lower energy demand, lower CO2 emissions, and therefore lower demand and lower prices for EU ETS allowances. Also feeding into this allowance price depression has been a set of national and regional energy policies, such those promoting use of renewables, which have served to reduce emissions, demand for allowances, and hence allowance prices.

Multiple Goals Typically Require Multiple Policy Instruments

No doubt, Minister Lidegaard is aware of the allowance price impacts of the recession, and I hope he's aware of the allowance price consequences of other energy and environmental policies. The problem arises, however, because he sees the fundamental purpose of the EU ETS as somewhat broader than what I described at the beginning of this essay (namely, achieving emissions consistent with some cap, and doing so cost-effectively – if the cap is binding). For him – and many other European observers – "the purpose of the ETS was to cap CO2 emissions in the E.U. and ensure clear economic incentives for investment in renewables." So, the hand-wringing is not about a failure to achieve emissions reductions

cost-effectively, but to have prices high enough to achieve other goals – in this case, greater use of renewable sources of energy. For others, the "other goals" have involved allowance prices high enough to bring about some targeted amount of technology innovation.

As I have written at this blog in the past, having multiple policy goals typically necessitates multiple policy instruments.<<u>http://www.robertstavinsblog.org/2009/03/07/green-jobs/</u>> For example, if the goal is a combination of reducing emissions cost-effectively and having prices maintained at some minimum (whether to bring about greater use of renewable energy sources<<u>http://www.robertstavinsblog.org/2011/01/11/renewable-energy-standards-less-effective-more-costly-but-politically-preferred-to-cap-and-trade/</u>> or to inspire more technology innovation), then two policy instruments are needed<<u>http://www.robertstavinsblog.org/2011/09/25/what%E2%80%99s-good-for-the-goade-rahm%E2%80%99s-doctrine-and-mercutio%E2%80%99s-complaint/</u>> to do the job: a cap-and-trade system for the first goal in combination with a carbon tax in the form of a price floor (as in RGGI) for the second goal.

Don't Throw Out the Baby with the Bath Water

In other words, the EU ETS has not failed, but the design was inadequate (that is, incomplete) for what politicians now seem to want. If the Europeans want a price floor in their system (or better yet, a price collar, which would combine a price floor with a safety valve, i.e., price ceiling), then this is certainly feasible technically and economically. Whether it is feasible politically is a question that is over my pay-grade, and a question they can best answer themselves.

From:	ACORE
To:	Jaffe, Judson
Subject:	New Speakers Announced_Feb. 15 Webinar: State Renewables Policies - Lessons Learned
Date:	Tuesday, February 07, 2012 3:24:34 PM

http://links.mkt3350.com/ctt? kn=3&ms=NTE4NTgzNwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTkzOTE0NTkxS0&mt=1&rt=0

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A decade of state leadership for renewable energy faces unparalleled future changes in the U.S. The states have served as innovative laboratories of renewable energy development bolstered by strong federal support in 2009 with energy tax credit extensions, Section 1603 Treasury grants, bonus depreciation and federal Section 1705 loan guarantees. Over \$50 billion in federal financial support flowed to renewables over the past five years.

The next decade faces a new landscape for future renewables development in the states. Several states like California, New Jersey, Texas, Colorado, Washington, Oregon, Pennsylvania, and Massachusetts have benchmarked certain practices, success and achievements.

But the federal government has not delivered a national clean energy standard, tax planning uncertainty continues, no internal carbon standard exists, and we lack a clear national energy policy. What will states' renewables 2.0 look like this decade? How can states build off their own success, while emphasizing a new vision for renewable policies this decade using:

- * Innovative PACE financing; new financing incentives
- * Premium dispatchable renewables, expanding SREC?s
- * New regulatory incentives, tariffs for net metering, easier interconnections and new rate designs
- * Co-benefits with natural gas, air regulation
- * Transmission and storage, new ancillary services, and avoided T&D costs

* Creative state implementation plans (SIPS) under the Clean Air Act for new source performance review, using efficiency and waste heat recovery

- * Wastes as fuel
- * Distributed generation
- * Alternative fuels for vehicles
- * Growing military installations and bases
- * Importance of commercial, industrial buildings

With state energy tools and opportunities to shape indeterminacy, and with new policy and market strategies, how will new developments shape renewables to solidify positions in the top ten states over the upcoming decade? How will the new shale gas interface affect state renewable opportunities in North Dakota, Oklahoma, Wyoming, Colorado, Texas, Arkansas, Ohio, Pennsylvania and New York?

Join us for this provocative and forward looking discussion.

Q & A Submission:

Q & A both on the teleconference and live at the host firm sites, will follow the speakers' presentations. Please email questions to abaquestions@acore.org.

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Teleconference Co-Chairs: Robert F. Riley, Partner, Williams Mullen PC (Washington, D.C.) Michael W. Wise, McDonald Hopkins, LLC Legislative Update: Todd Foley, SVP, Policy & Government Relations, ACORE

Moderators: Michael J. Zimmer, Senior Counsel, Thompson Hine LLP Robert F. Riley, Partner, Williams Mullen PC (Washington, D.C.)

Speakers:

Lori Bird, Senior Analyst, National Renewable Energy Laboratory (NREL) Lewis Milford, President, Clean Energy Group (CEG) Eric Ackerman, Director, Alternative Regulation, Edison Electric Institute (EEI) Brad Copithorne, Energy and Financial Policy Specialist, Environmental Defense Fund (EDF)

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Sincerely,

Robert F. Riley, ABA Teleconference Co-Chair, Williams Mullen PC Michael W. Wise, ABA Teleconference Co-Chair, McDonald Hopkins, LLC <u>http://links.mkt3350.com/ctt?</u> <u>kn=22&ms=NTE4NTgzNwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTkzOTE0NTkxS0&mt=1&rt=0</u>

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New York, NY White & Case LLP <u>http://links.mkt3350.com/ctt?</u> kn=31&ms=NTE4NTgzNwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTkzOTE0NTkxS0&mt=1&rt=0

Portland, OR Ater Wynne, LLP <u>http://links.mkt3350.com/ctt?</u> kn=31&ms=NTE4NTgzNwS2&r=NzkwMTYzMic0NwS2&b=2&i=MTkzOTE0NTkxS0&mt=1&rt=0

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kn=23&ms=NTE4NTgzNwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTkzOTE0NTkxS0&mt=1&rt=0

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kn=7&ms=NTE4NTgzNwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTkzOTE0NTkxS0&mt=1&rt=0</u> ACORE1600 K Street NW, Suite 700, Washington, DC, 20006 +202-393-0001 events@acore.org mailto:events@acore.org Do not wish to receive these emails update your email preferences here: http://www.pages03.net/acore/Forms/Edit_preferences? spMailingID=5185837&spUserID=NzkwMTYzMjc0NwS2&spJobID=MTkzOTE0NTkxS0&spReportId=MTkzOTE0NTkxS0

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From:	Bayly, Rachel
To:	Demopulos, Abigail; Baker, Susan L; Jaffe, Judson; "BrounCN@state.gov"
Cc:	Hall, Daniel; Urbanas, Elizabeth (Beth)
Subject:	RE: Banks consult on revised Equator Principles
Date:	Thursday, August 16, 2012 11:20:10 AM

Caroline,

Yes, my office is interested in this. Please include me in anything you send to Treasury on this.

(I can send to the people in other agencies I work with on safeguards, who might also be interested.)

Thanks,

-Rachel

Rachel Bayly Office of International Debt and Development Policy U.S. Department of the Treasury ph: 202-622-1266 rachel.bayly@treasury.gov

From: Demopulos, Abigail Sent: Thursday, August 16, 2012 11:03 AM To: Baker, Susan L; Jaffe, Judson; 'BrounCN@state.gov'; Bayly, Rachel Cc: Hall, Daniel; Urbanas, Elizabeth (Beth) Subject: RE: Banks consult on revised Equator Principles

Looping in Rachel Bayly who handles MDB safeguard policy for Treasury.

Abby Demopulos 622-5671

From: Baker, Susan L Sent: Thursday, August 16, 2012 10:17 AM To: Jaffe, Judson; 'BrounCN@state.gov' Cc: Hall, Daniel; Demopulos, Abigail; Urbanas, Elizabeth (Beth) Subject: Re: Banks consult on revised Equator Principles

Missing Keith Kozloff, who paid a lot of attention to these.

Susan L. Baker U.S. Treasury Attache for Europe

Susan.baker@treasury.gov +32-2-811-5056 Rue Zinner 13, B-1000 Brussels, Belgium

From: Jaffe, Judson Sent: Thursday, August 16, 2012 09:30 AM To: Broun, Caroline N (USEU) < <u>BrounCN@state.gov</u>>; Baker, Susan L Cc: Hall, Daniel; Demopulos, Abigail; Urbanas, Elizabeth (Beth) Subject: RE: Banks consult on revised Equator Principles

Looping Abby and Beth, who may know better than us whether this is something we've ever had any involvement in.

Jud

Judson Jaffe Office of Environment and Energy U.S. Department of the Treasury Phone: 202.622.7751 Fax: 202.622.6728 Email: judson.jaffe@treasury.gov From: Broun, Caroline N (USEU) [mailto:BrounCN@state.gov] Sent: Thursday, August 16, 2012 5:05 AM To: Baker, Susan L Cc: Hall, Daniel; Jaffe, Judson Subject: Banks consult on revised Equator Principles

Is this something treasury is interested in or follows?

Banks consult on revised Equator Principles

ENDS Europe

Wednesday 15 August 2012

A set of environmental and social lending standards established by a group of banks could be extended to more types of loan. But the environmental standards are weaker in some areas than the World Bank Group ones on which they are based. A 60-day public consultation on the third version of the Equator Principles (EPIII) for <u>project finance</u> opened on Monday. It proposes extending the scheme to project-related corporate loans of \$100m or more to be paid back over at least two years.

Short-term <u>bridging loans</u> would also be covered but general corporate financing is still excluded. There are also new rules on transparency. The principles' 77 signatories, which include HSBC, Santander, <u>KfW</u> and Barclays, commit to not providing loans where borrowers will not or cannot comply with its social and environmental standards. But the scheme has faced <u>criticism</u> in the past. EPIII requires project developers to consider less carbon-intensive fuels and technologies for schemes emitting more than 100,000 tonnes of CO2 per year. The rule would apply to projects with potentially significant adverse environmental and social risks, and "as appropriate" for less damaging ones.

However, the wording creates a major loophole, said Johan Frijns, coordinator at NGO BankTrack. He wants the principles to entirely exclude carbon-intensive projects such as coal plants but still views EPIII as a move in the right direction. The amendments are a response to the World Bank's International Finance Corporation (IFC) update of its performance standards in January.

But the new IFC standards impose no threshold for considering low-carbon alternatives and have stronger requirements for reporting CO2 emissions. A series of stakeholder meetings and webinars are scheduled for September to discuss EPIII, which should be launched in January.

Follow-up: Equator Principles consultation(http://www.equator-principles.com/index.php/ep3) and strategic review(http://www.equator-principles.com/index.php/ep3/strategic-review-2010-2011), International Finance Corporation standards(

http://www1.ifc.org/wps/wcm/connect/Topics_Ext_Content/IFC_External_Corporate_Site/IFC+Sustainability/Sustainability+Framework/Sustainability+Framework/Sustainability+Framework+-+2012/Performance+Standards+and+Guidance+Notes+2012/) and Banktrack report

© Copyright ENDS 2012. Producing high quality content requires considerable time and expertise. Please respect our terms and conditions and do not redistribute by email or post on the web. Email reprints@haymarket.com to buy additional rights. http://www.endseurope.com/29419/banks-consult-on-revised-equator-principles#ixzz23hKtHrpd

Caroline Broun Environment Officer Energy/Environment/Science/Technology/Health (EESTH) US Mission to the European Union +32 (0) 2 811-5352 (office) +32 (0) 49-171-3000 (cell) BrounCN@state.gov Interesting. Thanks.

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

From: Hall, Daniel Sent: Friday, May 04, 2012 4:29 PM To: Metcalf, Gilbert; Jaffe, Judson Subject: RE: CBO estimates

Correct. We can develop a rough intuition about how big a difference there is in the MACs by comparing the results of EIA's W-M analysis (AEO2009 assumptions) with EIA's \$25 carbon price scenario from AEO 2011. I'll focus on the electricity sector because this is where most of the total abatement is happening and where natural gas switching makes a big difference. (All emissions reported in MMTCO2.)

EIA W-M analysis (AEO2009 assumptions), projections of electricity sector emissions in 2020 Reference: 2,466 Basic W-M case (carbon price of \$18 in 2012 rising to \$32 in 2020): 2,026

EIA AEO2011, projections of electricity sector emissions in 2020 Reference: 2,225 GHG price side case (carbon price of \$25 in 2013 rising to about \$35 in 2020): 1,576

The CBO price path is relatively close to the "Basic W-M" case (carbon price of \$20 in 2012 rising to \$31 in 2020, with CBO assuming a 5.6% annual increase in allowance prices compared to 7.4% for EIA). If CBO's abatement cost projections match those from AEO2009 then the projected 2020 emissions under the cap-and-trade policy could be around 400 MMTCO2 greater than what EIA would project for 2020 emissions using the more recent AEO2011 assumptions. That by itself could be making a bigger difference than the baseline or coverage.

From: Metcalf, Gilbert Sent: Friday, May 04, 2012 3:50 PM To: Hall, Daniel; Jaffe, Judson Subject: RE: CBO estimates

Presumably a higher price of natural gas changes the MAC curve in 2009 relative to 2011 and also

helps to explain the difference. That won't show up in the baseline, right?

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

From: Hall, Daniel Sent: Friday, May 04, 2012 3:46 PM To: Metcalf, Gilbert; Jaffe, Judson Subject: RE: CBO estimates

In Waxman-Markey, once coverage was fully phased-in (starting in 2016), the share of covered emissions was around 80% (give or take one or two percentage points). W-M actually had fairly limited coverage of non-CO2 GHGs. (W-M would have covered emissions of methane and nitrous oxide from large stationary sources (but these are fairly small in practice) and a portion of the emissions of high global warming potential gases (e.g., refrigerants).) In EIA's analysis of W-M, they projected that in their reference case the non-CO2 GHGs that would have been covered by W-M would be about 170 million metric tons of CO2-e in 2020. By itself this doesn't seem to explain the full difference.

The different baselines would also account for a small portion of the difference. Here are EIA's projections of 2020 emissions of energy-related CO2 in the reference case of the last several AEOs (all figure in million metric tons CO2): AEO2009 (update with ARRA): 5,910 AEO 2010: 5,851 AEO 2011: 5,777 AEO 2012 Early Release: 5,549

So the reference case that CBO used for their revenues report would have had 2020 emissions that were 75-135 MMTCO2 higher than the AEO2011 reference case. Interestingly there has been an even bigger drop in projected future emissions in the early release of AEO 2012.

From: Metcalf, Gilbert Sent: Friday, May 04, 2012 2:15 PM To: Jaffe, Judson; Hall, Daniel Subject: CBO estimates

Just spoke to Terry. She thinks they covered the same gases as were covered under Waxman-Markey. Either of you recall what share of total emissions that is? 90%? On the baseline, she thinks they used the AEO2010 (possibly 2009) assumptions for their model. Presumably that leads to higher emissions given the price of natural gas and the state of the economy. And yes, they assumed a 25% haircut.

On the last point, apparently CBO has changed that assumption to allow different haircuts for different taxes. I'm reaching out to Frank Sammartino at CBO to learn more.

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: <u>gilbert.metcalf@treasury.gov</u> Just what I was playing with. Looks like you can pull the entire data at one go.

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

From: Jaffe, Judson Sent: Wednesday, July 25, 2012 9:36 AM To: Metcalf, Gilbert Subject: RE: ETS data series

I'm sure they have a lot more subscriptions from cash-rich, price inelastic consulting and other companies as a result...

Actually, in looking it over, it appears that you can get the data relatively easily by simply copying into excel and sorting by futures contract and then date. I haven't looked into whether there are limitations imposed on how many days of data you can pull at one time.

Jud

Judson Jaffe Office of Environment and Energy U.S. Department of the Treasury Phone: 202.622.7751 Fax: 202.622.6728 Email: judson.jaffe@treasury.gov

From: Metcalf, Gilbert Sent: Wednesday, July 25, 2012 9:34 AM To: Jaffe, Judson Subject: RE: ETS data series

Thanks. they've certainly made it harder now.

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

From: Jaffe, Judson Sent: Wednesday, July 25, 2012 9:18 AM To: Metcalf, Gilbert Subject: RE: ETS data series

It used to be easy to get an Excel file of this from the European Climate Exchange. I believe ECX has since been acquired by Intercontinental Exchange (ICE)

At first glance, it doesn't appear ICE makes that Excel file available anymore

But, it looks like you can get a table of historical data here (just select the time period you're interested in at the top of the page):

https://www.theice.com/marketdata/reports/ReportCenter.shtml? reportId=82&productId=390&hubId=564#report/82/reportId=82&productId=390&hubId=564

It's just going to require some manipulation to isolate the time series for a particular futures contract.

Jud

Judson Jaffe Office of Environment and Energy U.S. Department of the Treasury Phone: 202.622.7751 Fax: 202.622.6728 Email: judson.jaffe@treasury.gov

From: Metcalf, Gilbert Sent: Wednesday, July 25, 2012 9:13 AM To: Jaffe, Judson Subject: ETS data series

Do we have access to current and historic allowance price data for EU ETS? Seems like I used to get it from Point Carbon but it is now a subscription service.

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

From:	Metcalf, Gilbert
To:	Jaffe, Judson
Subject:	RE: ETS data series
Date:	Wednesday, July 25, 2012 11:10:25 AM

Well, it limits the decline in the sense that the price for Dec12 permits would be approximately zero in the absence of banking given the surplus of existing permits relative to emissions.

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

From: Jaffe, Judson Sent: Wednesday, July 25, 2012 11:09 AM To: Metcalf, Gilbert Subject: RE: ETS data series

I've always felt that the significant decline in pricing calls into question theories about how the opportunity to bank should limit such declines. I don't recall seeing any good analysis of this. But, if I recall correctly, Billy may have been looking at this in some academic work.

Judson Jaffe Office of Environment and Energy U.S. Department of the Treasury Phone: 202.622.7751 Fax: 202.622.6728 Email: judson.jaffe@treasury.gov

From: Metcalf, Gilbert Sent: Wednesday, July 25, 2012 10:50 AM To: Jaffe, Judson Subject: RE: ETS data series

I think I'm starved for data manipulation so I pulled down the data to take a look. It is striking how far allowance prices have fallen since their local peak back in April 2011. They are 60 percent below that peak for the Dec12 allowances. Similar pattern for Dec13 allowances so this is not something peculiar to the allowances that expire this year (and they can be banked anyway for the next trading phase so they don't really expire).

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office)

(202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

From: Jaffe, Judson Sent: Wednesday, July 25, 2012 9:18 AM To: Metcalf, Gilbert Subject: RE: ETS data series

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But, it looks like you can get a table of historical data here (just select the time period you're interested in at the top of the page):

https://www.theice.com/marketdata/reports/ReportCenter.shtml? reportId=82&productId=390&hubId=564#report/82/reportId=82&productId=390&hubId=564

It's just going to require some manipulation to isolate the time series for a particular futures contract.

Jud

Judson Jaffe Office of Environment and Energy U.S. Department of the Treasury Phone: 202.622.7751 Fax: 202.622.6728 Email: judson.jaffe@treasury.gov

From: Metcalf, Gilbert Sent: Wednesday, July 25, 2012 9:13 AM To: Jaffe, Judson Subject: ETS data series

Do we have access to current and historic allowance price data for EU ETS? Seems like I used to get it from Point Carbon but it is now a subscription service.

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

From:	Hall, Daniel
To:	(b) (6) gmail.com
Cc:	Jaffe, Judson
Subject:	RE: Information on Korea"s carbon trading legislation
Date:	Friday, June 08, 2012 3:54:05 PM

Semna,

I wanted to circle back and find out if there is an update with Korea's carbon trading legislation. What is the most recent progress of the bill? Did your colleagues have an English-language summary (or copy of the legislation) they were able to pass on?

Thanks, Daniel

Daniel Hall U.S. Department of the Treasury Phone: (202) 622-7801 Fax: (202) 622-6728 Email: daniel.hall@treasury.gov

-----Original Message-----From: (b) (6) @mosf.go.kr] Sent: Monday, May 07, 2012 8:37 PM To: Hall, Daniel; (b) (6) @gmail.com Cc: Jaffe, Judson Subject: Re: Information on Korea's carbon trading legislation

Hi, Daniel.

My understanding regarding Korean carbon trading legislation is that the law aiming to introduce the carbon trading system in 2015 is now pending in Parliament. (If it was already passed, I should have known it!) Since this law is being charged in by the Ministry of Environment, I'm not sure whether I can get any documents to pass on to you. I'll contact the Ministry of Environment and ask around. Have a nice day!

Semna --- Original Message ---From : Daniel.Hall@treasury.gov To : (b) (6) @mosf.go.kr, (b) (6) @gmail.com Cc : Judson.Jaffe@treasury.gov Date : 2012/05/07 월요 일 오후 11:11:47 Subject : Information on Korea's carbon trading legislation

Semna,

I hope you are well. My colleagues here at the US Treasury are interested to learn more about the carbon trading legislation that was recently passed by the Korean parliament. Do you have a summary of the bill (e.g., a fact sheet) or an English-language copy of the legislation that you could pass on to

us?

Many thanks, Daniel

Daniel Hall

Office of Environment and Energy U.S. Department of the Treasury Phone: (202) 622-7801 Fax: (202) 622-6728 Email: daniel.hall@treasury.gov No. I just replied to the last email I got from Semna about it.

From: Jaffe, Judson Sent: Friday, June 08, 2012 3:51 PM To: Hall, Daniel Subject: Fw: korea carbon tax

Did we ever get details on this?

From: Metcalf, Gilbert Sent: Friday, June 08, 2012 03:42 PM To: Jaffe, Judson Subject: korea carbon tax

I think you sent me an informal briefer on Korea's new carbon tax but I can't find it. If you have, could you resend? Thanks. Gib

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

From:	Heil, Mark
To:	Jaffe, Judson
Subject:	RE: Meeting Forward Notification: Social Cost of Carbon Meeting
Date:	Thursday, February 09, 2012 2:23:23 PM

We'd both like to attend. Thanks.

From: Jaffe, Judson
Sent: Thursday, February 09, 2012 2:21 PM
To: Heil, Mark
Subject: RE: Meeting Forward Notification: Social Cost of Carbon Meeting

Thanks. He should have already gotten the update independently. Are you and/or he coming?

Judson Jaffe Office of Environment and Energy U.S. Department of the Treasury Phone: 202.622.7751 Fax: 202.622.6728 Email: judson.jaffe@treasury.gov

From: Microsoft Exchange On Behalf Of Heil, Mark Sent: Thursday, February 09, 2012 2:20 PM To: Jaffe, Judson Subject: Meeting Forward Notification: Social Cost of Carbon Meeting

Your meeting was forwarded

Heil, Mark has forwarded your meeting request to additional recipients.

Meeting Social Cost of Carbon Meeting

Meeting Time

Thursday, February 09, 2012 2:45 PM-3:45 PM.

Recipients

Soares, Chris

All times listed are in the following time zone: (GMT-05:00) Eastern Time (US & Canada)

Sent by Microsoft Exchange Server 2007

From:	Metcalf, Gilbert
To:	"Aldy, Joseph"; Jaffe, Judson
Cc:	"Kotchen, Matthew"
Subject:	RE: Support for a clean energy standard
Date:	Friday, May 11, 2012 3:52:15 PM

Joe,

Thanks. This looks quite interesting. It raises the standard question in my mind of the discrepancy between stated and actual WTP for policies. Did you address that in the paper at all?

Wonder what such an analysis for a carbon charge would show... Best, Gib

Gilbert E. Metcalf Deputy Assistant Secretary for Environment and Energy U.S. Department of the Treasury (202) 622-0173 (office) (202) 316-8028 (mobile) (202) 622-0037 (fax) Email: gilbert.metcalf@treasury.gov

-----Original Message-----From: Aldy, Joseph [mailto:Joseph_Aldy@hks.harvard.edu] Sent: Friday, May 11, 2012 1:44 PM To: Metcalf, Gilbert; Jaffe, Judson Cc: Kotchen, Matthew Subject: Support for a clean energy standard

Gib and Jud,

Would like to flag for you some recent work that I've undertaken with Matt Kotchen and Tony Leiserowitz, both of Yale, on how we could estimate the public's support for a national clean energy standard (NCES). We implemented a nationally-representative survey, and found that the average American would be willing to pay 13% higher electricity bills for an 80% clean energy standard. We also used our survey to simulate how Members of Congress would vote if they voted in line with the typical voter in their district or state. In this scenario, an NCES that raised utility bills no more than 5% would garner sufficient support to pass both chambers of Congress, illustrating a stark contrast with the preferences of the general public.

I've attached a brief 1-page summary of our paper as well as the full paper that will be published in the journal Nature Climate Change on May 13. Please note that the paper is embargoed until the 13th. The Nature Group has included our paper in its weekly press release of select upcoming journal article publications, so it may get some press.

If you have any questions, please feel free to follow up with me or Matt Kotchen (copied here). Matt may be able to respond more promptly than I can since I'm busy changing diapers these days.

Joe

Joseph E. Aldy Assistant Professor of Public Policy Harvard Kennedy School Taubman 382, Mailbox 58 79 JFK Street Cambridge, MA 02138 V: 617-496-7213 E: joseph_aldy@hks.harvard.edu I: www.hks.harvard.edu/about/faculty-staff-directory/josephaldy<<u>https://mail.hks.harvard.edu/owa/UrlBlockedError.aspx</u>>

Nonresident Fellow Resources for the Future I: <u>http://www.rff.org/aldy.cfm</u>

Faculty Research Fellow National Bureau of Economic Research I: <u>http://www.nber.org/people/joseph_aldy</u>

From:	ACORE
To:	Jaffe, Judson
Subject:	Reminder - Biofuels and the US Military_ Join Us April 4th
Date:	Thursday, March 29, 2012 2:40:12 PM

To view this mail in a browser, copy http://links.mkt3350.com/servlet/MailView? ms=NTI3NTI2NgS2&r=NzkwMTYzMjc0NwS2&j=MTk2ODQ0OTgzS0&mt=1&rt=0 into your browser. http://links.mkt3350.com/ctt2 kn=2&ms=NTI3NTI2NgS2&r=NzkwMTYzMic0NwS2&b=2&i=MTk2ODQ0OTgzS0&mt=1&rt=0

BCC Webinar Series - Biofuels and the U.S. Military Join us April 4, 2012 via telephone or webinar.

http://links.mkt3350.com/ctt? kn=5&ms=NTI3NTI2NgS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk2OD000TgzS0&mt=1&rt=0

This webinar will examine the strategies, opportunities and obstacles related to the expanded use of biofuels in support of national defense focusing on three major areas: What is being done to advance collaborations between the U.S. Military and the Biofuels industry and initiatives to increase the production and use of advanced biofuels? What are the obstacles to scaling up the use of biofuels by the military and how can they be addressed effectively? From a production standpoint - what is required to make production volumes and prices viable for DoD?Speakers will highlight innovative ways the DoD is collaborating with private sector industries and advanced biofuel technologies to enhance combat operations, lower costs and support the military's mission to draw 25% of its energy from renewable sources by 2025.

Call Times: 12:00 pm - 1:30 pm Eastern 11:00 am - 12:30 pm Central 10:00 am - 11:30 am Mountain 9:00 am - 10:30 am Pacific 8:00 am - 9:30 am Alaskan

Co-Chairs: Mona Dajani, Baker & McKenzie LLP Scott Sklar, Stella Group, Ltd.

Moderator: Michael Zimmer, Thompson Hine LLP

Speakers: Suzanne Hunt, Carbon War Room Joe Vollmer, Sturman Industries Chris Tindal, U.S. Navy Amar Anumakonda, Honeywell's UOP (invited)

Q & A Submission:

Q & A session will follow the speakers' presentations. Please use the "ask question" button on your webinar screen to submit your questions.

How to Join:

To participate in this webinar, please register online. The webinar instructions will be emailed to you. There is a \$30.00 administrative fee to participate. ACORE member discount applies. <u>http://links.mkt3350.com/ctt?</u> <u>kn=1&ms=NTI3NTI2NgS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk20DQ00TgzS0&mt=1&rt=0</u>

http://links.mkt3350.com/ctt? kn=6&ms=NTI3NTI2NgS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk2ODQ00TgzS0&mt=1&rt=0

http://links.mkt3350.com/ctt? kn=5&ms=NTI3NTI2NgS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk2ODQ0OTgzS0&mt=1&rt=0

This webinar is presented by the Biomass Coordinating Council of ACORE

Click here to <u>http://www.pages03.net/acore/Forms/Edit_preferences?</u> spMailingID=5275266&spUserID=NzkwMTYzMjc0NwS2&spJobID=MTk2ODQ0OTgzS0&spReportId=MTk2ODQ0OTgzS0 or <u>http://www.pages03.net/acore/Forms/OptOut?</u> spMailingID=5275266&spUserID=NzkwMTYzMjc0NwS2&spJobID=MTk2ODQ0OTgzS0&spReportId=MTk2ODQ0OTgzS0 from all ACORE emails

Dear Department of the Treasury employee,

Our Department of the Treasury employee commuter survey will be closing at 11:59pm on 2012-01-13 and we need your help.

This survey is very important as it helps our agency measure and report our greenhouse gas emissions as required by Executive Order (EO) 13514, *Federal Leadership in Environmental, Energy, and Economic Performance*.

Your responses are completely confidential and the survey should take no more than 10 minutes of your time.

As a reminder, please do not send your unique survey link to anyone else. Only a representative sample of federal employees will receive this survey, and each survey can only be completed once. Please click here to complete the survey: <u>https://www.carbonfootprint.gsa.gov/survey.php?Code=1F1JK2M6</u>

If you experience any problems while taking this survey, please follow this link for assistance <u>gsa-survey@nicc.noblis.org</u>.

Sincerely,

Eric Bradley

From:	ACORE
To:	Jaffe, Judson
Subject:	Reminder Feb. 15: State Renewables Policies - Lessons Learned After a Decade of Success
Date:	Friday, February 03, 2012 9:09:03 AM

http://links.mkt3350.com/ctt? kn=3&ms=NTE3OTU5MwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTkzNzEwNDE0S0&mt=1&rt=0

State Renewables Policies ? Lessons Learned After A Decade of Success

Join us live February 15, 2012 in a city near you or via telephone & webinar.

http://links.mkt3350.com/ctt? kn=23&ms=NTE3OTU5MwS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTkzNzEwNDE0S0&mt=1&rt=0

A decade of state leadership for renewable energy faces unparalleled future changes in the U.S. The states have served as innovative laboratories of renewable energy development bolstered by strong federal support in 2009 with energy tax credit extensions, Section 1603 Treasury grants, bonus depreciation and federal Section 1705 loan guarantees. Over \$50 billion in federal financial support flowed to renewables over the past five years.

The next decade faces a new landscape for future renewables development in the states. Several states like California, New Jersey, Texas, Colorado, Washington, Oregon, Pennsylvania, and Massachusetts have benchmarked certain practices, success and achievements.

But the federal government has not delivered a national clean energy standard, tax planning uncertainty continues, no internal carbon standard exists, and we lack a clear national energy policy. What will states' renewables 2.0 look like this decade? How can states build off their own success, while emphasizing a new vision for renewable policies this decade using:

- * Innovative PACE financing; new financing incentives
- * Premium dispatchable renewables, expanding SREC?s
- * New regulatory incentives, tariffs for net metering, easier interconnections and new rate designs
- * Co-benefits with natural gas, air regulation
- * Transmission and storage, new ancillary services, and avoided T&D costs

* Creative state implementation plans (SIPS) under the Clean Air Act for new source performance review, using efficiency and waste heat recovery

- * Wastes as fuel
- * Distributed generation
- * Alternative fuels for vehicles
- * Growing military installations and bases
- * Importance of commercial, industrial buildings

With state energy tools and opportunities to shape indeterminacy, and with new policy and market strategies, how will new developments shape renewables to solidify positions in the top ten states over the upcoming decade? How will the new shale gas interface affect state renewable opportunities in North Dakota, Oklahoma, Wyoming, Colorado, Texas, Arkansas, Ohio, Pennsylvania and New York?

Join us for this provocative and forward looking discussion.

Q & A Submission:

Q & A both on the teleconference and live at the host firm sites, will follow the speakers' presentations. Please email questions to abaquestions@acore.org.

Call Times: 12:00 pm - 1:30 pm Eastern 11:00 am - 12:30 pm Central 10:00 am - 11:30 am Mountain 9:00 am - 10:30 am Pacific 8:00 am - 9:30 am Alaskan

Teleconference Co-Chairs: Robert F. Riley, Partner, Williams Mullen PC (Washington, D.C.) Michael W. Wise, McDonald Hopkins, LLC Moderator: Michael J. Zimmer, Senior Counsel, Thompson Hine LLP Robert F. Riley, Partner, Williams Mullen PC (Washington, D.C.)

Speakers: Eric Ackerman, Director, Alternative Regulation, Edison Electric Institute (EEI) Todd Foley, SVP Policy & Government Relations, ACORE NREL (invited) Additional Speakers TBD

How to Join

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Portland, OR Ater Wynne, LLP <u>http://links.mkt3350.com/ctt?</u> <u>kn=31&ms=NTE3OTU5MwS2&r=NzkwMTYzMic0NwS2&b=2&j=MTkzNzEwNDE0S0&mt=1&rt=0</u>

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The Green Political Foundation

INVITE

The Heinrich Böll Foundation and the Environmental and Energy Study Institute cordially invite you to

Solar Power Trends: German and U.S. Perspectives

Monday, March 12, 2012 2pm-3.30pm 1334 Longworth House Office Building

Apologies for cross postings

This briefing is free and open to the public. No RSVP required

Speakers Volker Quaschning, PhD, Professor for Renewable Energy, University of Applied Sciences in Berlin (HTW Berlin) Kathy Weiss, Vice President, Government Relations, First Solar

The Heinrich Böll Foundation and the Environmental and Energy Study Institute (EESI) invite you to a briefing looking at the energy transition occurring in Germany and how that compares, particularly with regard to the solar sector, with the United States. In the international race to a low-carbon economy, Germany has raised particular interest with its quick transition from coal and nuclear energy to a renewable energy based economy. Over the last ten years, Germany has increased the share of electricity from renewable sources from five to over 20 percent, while creating more than 380,000 new jobs in this sector. Together with Italy, not-so-sunny Germany is known as a world leader in deploying solar power. In 2011 alone, more than 7,000 MW of photovoltaics were installed in Germany, more than double the U.S. installation in the same time period. Investments in Germany as well as the United States have spurred manufacturing

This briefing is free and open to the public. No RSVP required.

For more information, contact Justin Jones at jjones@eesi.org or (202) 662-1892.

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The Climate Network brings together opinion leaders, legislators and policy experts from both sides of the Atlantic who are committed to achieving policy change in support of a low carbon economy agenda that creates sustainable jobs, strengthens local economies and helps to fight climate change.

This event has been made by possible by the support of the European Commission. The European Commission is not responsible for the content of the project.

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To:	Jaffe, Judson
Subject:	Reminder: RFF Seminar: Green Infrastructure: Using Natural Landscapes for Flood Mitigation and Water Quality Improvements
Date:	Monday, April 02, 2012 1:27:38 PM

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Green Infrastructure: Using Natural Landscapes for Flood Mitigation and Water Quality Improvements

An RFF First Wednesday Seminar

April 4, 2012

12:45 - 2 p.m.

Nature provides a wealth of ecological services: forests store carbon and clean the air; rivers provide water for drinking and harbor animal species; and wetlands purify stormwater and serve as buffers against floods. Governments around the world are increasingly recognizing that this "green infrastructure" can be a cost-effective supplement or substitute for the "gray infrastructure"—pipes, dams, levees, treatment plants—traditionally used to control flooding, purify and store water, and reduce urban stormwater runoff.

At this First Wednesday Seminar, sponsored by RFF's Center for the Management of Ecological Wealth, panelists will explore what "green infrastructure" means and describe how to evaluate the costs and benefits of land-use options for reducing flood damages. They will also discuss the challenges of convincing stakeholders that natural systems can provide infrastructure services and complement public projects. RFF experts will describe a case study evaluating flood abatement options in a Wisconsin watershed, and provide some lessons learned from working to implement a payment for environmental services program in the Florida Everglades.

Moderator:

Lynn Scarlett, Co-Director, RFF Center for the Management of Ecological Wealth

Panelists:

Margaret Walls, Research Director and Thomas J. Klutznick Senior Fellow, Resources for the Future

"The Role of Land Use Policies in Minimizing Flood Damages"

Len Shabman, Resident Scholar, Resources for the Future "A Green Infrastructure Contribution to Everglades Restoration"

What: RFF First Wednesday Seminar

When: Wednesday, April 4, 2012, 12:45 - 2 p.m. A light lunch will be available at 12:30 p.m.

Where:

Resources for the Future, 1616 P Street NW, Washington, DC First Floor Conference Center

Registration is required.

To RSVP for this event, please visit RFF's event registration page.

This seminar will also be <u>webcast</u> live beginning at 12:45 p.m.

Have a question for the panel while watching the live webcast? Simply Tweet your question of fewer than 140 characters and include the hashtag #AskRFF.

Watch the Q&A at the end of the event to see if it is selected.

At RFF's monthly First Wednesday Seminar series, scholars and experts exchange ideas and views with the RFF community on important energy, environmental, and natural resource topics.

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Subject:	Reminder: Waste Energy Recovery from Industrial Processes - March 21 Webinar
Date:	Wednesday, March 14, 2012 11:26:50 AM

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Waste Energy Recovery from Industrial Processes; Emergence of a Key Component of the Nation?s Energy and Economic Future

Join us live March 21, 2012 in a city near you or via telephone & webinar.

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The application of waste energy recycling in industrial processes can profitably reduce fossil fuel and carbon emissions directly, and indirectly by facilitating wind and solar. As part of a distributed generation strategy, waste energy recycling promotes greater energy efficiency, reduces line losses by up to 50 % and enables more transmission and distribution grid capacity for renewable power generation. These processes exist today and are making a difference in the U.S. and around the world.

A typical U.S. power plant is only about 33% efficient, using three units of fuel to produce one unit of electricity. The remainder is deemed waste energy and is primarily vented into the atmosphere. However, studies indicate that up to 40% of total U.S. electricity needs could come from waste energy recycling and combined heat and power.

The concept of a widespread use of waste energy recycling has achieved a significant momentum. The federal government and an increasing number of states have identified waste energy recycling as a key component of the nation?s energy and economic future. Policymakers at the state and federal level look to waste energy recycling as a means to help address critical issues, such as energy efficiency, fuel independence and better utilization of renewable energy resources.

The panel will:

- * Explain the waste energy recycling process
- * Address its role and benefits in the distributed generation context
- * Highlight the growing policy interest at the federal and state levels in capturing the value of the waste stream for greater profits, transmission and distribution reliability and emissions reduction
- * Describe how to capture federal and state based incentives to develop waste energy recovery
- * Consider case studies of different corporate sponsorships and technology innovations

All the panelists are deeply involved in the practical and policy aspects of waste energy recycling, policy, combined heat and power development and integration challenges in a manner complementary to the development of renewables.

Please join us for an interesting and provocative discussion by a panel of industry experts who will provide their insights into waste energy recovery from industrial processes. After a short presentation by each of our panelists, the floor will be open for participants to ask questions.

Q & A Submission:

Q & A both on the teleconference and live at the host firm sites, will follow the speakers' presentations. Please email guestions to: abaquestions@acore.org.

Call Times: 12:00 pm - 1:30 pm Eastern 11:00 am - 12:30 pm Central 10:00 am - 11:30 am Mountain 9:00 am - 10:30 am Pacific 8:00 am - 9:30 am Alaskan

Teleconference Co-Chairs: Robert F. Riley, Partner, Williams Mullen PC (Washington, D.C.) Michael W. Wise, McDonald Hopkins, LLC Overview: Dennis McGinn, President, ACORE

Moderator: Todd Foley SVP Policy & Government Relations, ACORE Robert F. Riley, Partner, Williams Mullen PC (Washington, D.C.)

Speakers:

Thomas R. Casten, Chairman, Recycled Energy Development LLC Jon Wellinghoff, Chairman, Federal Energy Regulatory Commission (FERC) Dr. Marilyn Brown, Professor of Energy Policy, Georgia Institute of Technology

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Join us live May 16, 2012 in a city near you or via telephone & webinar.

Globalization is the central fact of our generation. It entails flows of capital, business products and applicable intellectual property. It has sweeping cross-border environmental impacts. It implies trade-offs in natural resource utilization.

Renewables must find their place in this changing world-wide economy as a solution to growing energy demands and as a competitive source of capital attraction.

This webinar focuses on several key ways renewable energy can be more fully integrated into the global energy markets. The panel features speakers from the Carbon War Room, guiding the deployment of capital worldwide to deal with the global warming crisis; DNV, having a hand in project due diligence and risk management assessments for offshore wind power development globally; Australia, a nation exporting adaptable home-grown renewable technologies to the United States and worldwide; and Westeva an American owned organization applying sophisticated new renewables analytical techniques developed in the United States to the Latin American markets.

The future of renewables rests on activities such as those our speakers will describe. On the Webinar, you will learn about:

* Pragmatic business and legal analysis to create wealth arising from strategies for the reduction of global carbon emissions

* Renewable energy technology transfer issues of renewable energy technologies to different legal and ecological settings

* Adaptation of U.S. technical renewables analysis to commercial ventures

* Lessons learned from the UK with respect to renewable energy deployment

* The roles which lawyers can play in enabling renewable proponents and companies to cope with and benefit from globalization

As the program title implies: for renewables, this is not about future shock--the future is now.

Q & A Submission:

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Legislative Update: Todd Foley, SVP, Policy & Government Relations, ACORE

Moderators: Kimberly E. Diamond, Counsel, Lowenstein Sandler PC Roger D. Feldman, Counsel, Andrews Kurth LLP

Speakers: Ken Westrick, Founder and CEO, Westeva LLC and Westeva SAS Jigar Shah, Member of the Board, Carbon War Room Kelly Ralston, Senior Trade Commissioner, Australian Trade Commission Karen Conover, Vice President, DNV KEMA Energy & Sustainability Additional Q&A Panelists: Paul Adler, Investment Director, Australian Trade Commission Nigel Warren, Senior Trade Commissioner, Australian Trade Commission

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Chicago, IL Winston &Strawn LLP <u>http://links.mkt3350.com/ctt?</u> kn=28&ms=NTMxNzY1MgS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk4NTY1Mjg0S0&mt=1&rt=0

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Welcome to the inaugural RFF Energy and Climate Update, highlighting the latest news and research from RFF's Center for Energy Economics and Policy and Center for Climate and Electricity Policy. The RFF Energy and Climate Update will be distributed several times per vear.

In this issue

- > New Research
- > Publications
- > News and Events
- > Commentaries

On the web

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New Research: The Variability of Potential Revenue from a Carbon Tax

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Karen Palmer, Anthony Paul, and Matt Woerman illustrate how trends in natural gas prices and electricity demand might influence revenues from a theoretical U.S. carbon tax.

Publications



Borrowing to Save Energy: Assessing Market Barriers to Energy Efficiency Financing

Karen Palmer, Margaret Walls, and Todd Gerarden RFF researchers assess loan programs used to finance energy efficiency improvements in homes and businesses, finding a need for improved analysis of loan performance and energy savings from financed investments.

Improving Fuel Economy in Heavy-Duty Vehicles

Alan J. Krupnick and Winston Harrington

A new issue brief examines recently released fuel economy standards for heavy-duty vehicles, suggesting improvements in the current performance-based regulations and noting issues with the accompanying cost-benefit analysis.

Tradable Standards for Clean Air Act Carbon Policy

Dallas Burtraw, Arthur G. Fraas, and Nathan Richardson RFF experts describe how tradable standards might be substantially more cost-effective than traditional, inflexible performance standards for regulating CO_2 emissions in the context of the Clean Air Act.



Update on the Implementation of AB 32: Cap and Trade in Focus In late March, Dallas Burtraw testified before members of the California State Senate on cost management, auctioning allowances, and uses of revenue in California's cap-and-trade program. Read his testimony here.

Video and presentations are available for the following events:

Speculators and Oil Prices: What Do We Know and What Should We Do?

GHG Regulation for Power Plants under the Clean Air Act

Managing the Risks of Shale Gas: Identifying a Pathway toward Responsible Development

Commentaries

Visit RFF's new blog, Common Resources, launched in April 2012.

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Beia Spiller: Advanced Technology Vehicles: The Chicken and Egg Conundrum

Alan Krupnick: Oil Sands, Technology, and Environmental Risk

Nathan Richardson: Reactions to EPA's Proposed Power Plant Standards

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How Carbon Neutral is Bioenergy?

An RFF Seminar

March 1, 2012

12:00 - 1:30 p.m.

The IPCC (2006) has supported the view that wood biomass is "carbon neutral" in that its use for bioenergy has zero net carbon emissions since the emissions released in its utilization for energy are subsequently captured in forest regrowth. This generally accepted view, however, has recently come under increasing criticism from various sources. Using a static accounting life cycle type analysis, for example, the Manomet study (2010) suggests that the use of wood for biofuels will result in a drawdown of the forest stock and a net reduction in the carbon captured in the forest, at least for very long periods.

To properly account for the emissions from wood used for bioenergy, however, one must move beyond a static lifecycle analysis to consider intertemporal market system interactions. Our study examines carbon neutrality among commercial forests responding to market forces. Markets react to price increases on both the demand and supply sides. In responding to price increases harvests increase thereby decreasing the forest stock. However, on the supply side forest managers respond to anticipated price increases by expanding investments in current and future forest stocks. Using a dynamic programing model we examine the relationship between the declines in forest stock due to harvest and the expansion of stocks due to investments. The results show that under market optimizing conditions when future demand is anticipated to increase for significant periods, the response of managers will be to increase the area and intensity of forest production thereby offsetting much and often all and more of the carbon rele

Presenter:

<u>Roger Sedjo</u>, Senior Fellow and Director, <u>Center for Forest Economics and Policy</u>, Resources for the Future

When:

Thursday, March 1, 2012, 12:00 - 1:30 p.m. A light lunch will be available at 11:45 a.m.

Where:

Resources for the Future, 1616 P Street NW, Washington, DC First Floor Conference Center

Registration is required.

To RSVP for this event, please visit RFF's event registration page.

This seminar will also be <u>webcast</u> live beginning at 12:00 p.m.

Have a question for the panel while watching the live webcast? Simply Tweet your question of fewer than 140 characters and include the hashtag #AskRFF.

Watch the Q&A at the end of the event to see if it is selected.

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From:	Resources for the Future
То:	Jaffe, Judson
Subject:	RFF Seminar: Green Infrastructure: Using Natural Landscapes for Flood Mitigation and Water Quality Improvements
Date:	Tuesday, March 20, 2012 1:34:47 PM

Share This:

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Green Infrastructure: Using Natural Landscapes for Flood Mitigation and Water Quality Improvements

An RFF First Wednesday Seminar

April 4, 2012

12:45 - 2 p.m.

Nature provides a wealth of ecological services: forests store carbon and clean the air; rivers provide water for drinking and harbor animal species; and wetlands purify stormwater and serve as buffers against floods. Governments around the world are increasingly recognizing that this "green infrastructure" can be a cost-effective supplement or substitute for the "gray infrastructure"—pipes, dams, levees, treatment plants—traditionally used to control flooding, purify and store water, and reduce urban stormwater runoff.

At this First Wednesday Seminar, sponsored by RFF's Center for the Management of Ecological Wealth, panelists will explore what "green infrastructure" means and describe how to evaluate the costs and benefits of land-use options for reducing flood damages. They will also discuss the challenges of convincing stakeholders that natural systems can provide infrastructure services and complement public projects. RFF experts will describe a case study evaluating flood abatement options in a Wisconsin watershed, and provide some lessons learned from working to implement a payment for environmental services program in the Florida Everglades.

Moderator:

Lynn Scarlett, Co-Director, RFF Center for the Management of Ecological Wealth

Panelists:

Margaret Walls, Research Director and Thomas J. Klutznick Senior Fellow, Resources for the Future

"The Role of Land Use Policies in Minimizing Flood Damages"

Len Shabman, Resident Scholar, Resources for the Future "A Green Infrastructure Contribution to Everglades Restoration"

What: RFF First Wednesday Seminar

When: Wednesday, April 4, 2012, 12:45 - 2 p.m. A light lunch will be available at 12:30 p.m.

Where:

Resources for the Future, 1616 P Street NW, Washington, DC First Floor Conference Center

Registration is required.

To RSVP for this event, please visit RFF's event registration page.

This seminar will also be <u>webcast</u> live beginning at 12:45 p.m.

Have a question for the panel while watching the live webcast? Simply Tweet your question of fewer than 140 characters and include the hashtag #AskRFF.

Watch the Q&A at the end of the event to see if it is selected.

At RFF's monthly First Wednesday Seminar series, scholars and experts exchange ideas and views with the RFF community on important energy, environmental, and natural resource topics.

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Dear Judson,

Helping to reduce energy costs and carbon emissions in your office could win you a new iPad.

Employees could save UK businesses and public bodies £500m and two million tonnes of CO2 - equivalent to the annual carbon emissions of all the households in Birmingham - thanks to the new, online office tool called 'Carbon Trust Empower™'.

Through tutorials, virtual tours, a quiz, and other interactive elements, Carbon Trust Empower[™] will help you and your colleagues commit to making carbon and cost-savings in your office.

Users of Empower during April 2012 will be entered into a free prize draw to win an iPad 3, to be drawn on 1 May 2012.

Promotion is subject to terms and conditions stated below.

Click here to take part! <u>http://e-crmdata.ecircle-ag.com/re?I=6mqcyiI1wa6qofI0</u>

Best regards

The Carbon Trust

Unsubscribe http://e-crmdata.ecircle-ag.com/re? I=6mqcyiI1wa6qofI1&req=mn%3D664FF8A58B8B%26mn2%3D41A73DF3

Prize Draw Terms and Conditions:

No purchase is necessary to enter the prize draw.

This prize draw is open to UK residents aged 18 years or over, with the exception of employees of the Promoter, their families, agents and anyone else connected with this promotion.

All users of Carbon Trust Empower[™] before 23:59pm on 30th April 2012 will be entered into the draw.

Users are defined as anyone making or amending at least one pledge within the "Explore your office" virtual tour, or answering a quiz question. To use Carbon Trust Empower[™], users must register, or already be registered, with a valid e-mail address.

The draw is open to existing registered Carbon Trust Empower[™] users as well as new ones - as long as they update at least one pledge or answer a quiz question during the required date range. The Promoter accepts no responsibility for any registrations that are incomplete, illegible, corrupted or fail to reach the Promoter by the relevant closing date for any reason. Entries via agents or third parties are invalid. Only one entry is permitted per person.

To enter visit <u>http://e-crmdata.ecircle-ag.com/re?l=6mqcyil1wa6qofl2</u> and click the Launch Empower link. If not already registered, you will be asked to complete a short registration form.

All eligible user details will be entered into a prize draw which will take place on 1 May 2012. The first entry drawn will be the winner.

The prize is an iPad 3 16Gb, Wifi only. All expenses on receipt and use of the prize are the sole responsibility of the winner. The prize is strictly non-transferable. The prize is not redeemable for cash or exchange. The prize cannot be used in conjunction with any other discounts or special offers.. In the event of unforeseen circumstances, the Promoter reserves the right (a) to substitute alternative prizes of equivalent or greater value and (b) in exceptional circumstances to amend or foreclose the promotion

without notice. No correspondence will be entered into.

The winner will be notified via email by May 7th 2012. The winner must claim their prize in person from the Carbon Trust offices within 21 days of the Promoter sending notification. If the prize is unclaimed after this time, it will lapse and the Promoter reserves the right to offer the unclaimed prize to a substitute winner selected in accordance with these rules.

To obtain details of the winner please email <u>mailto:Info@customercentre.carbontrust.co.uk</u> stating the name of the prize draw in the subject heading four weeks after the closing date.

The Promoter will use any data submitted by entrants for the purposes of running the prize draw, and in accordance with the Carbon Trust privacy policy. By entering this prize draw, all entrants consent to the use of their personal data by the Promoter for the purposes of the administration of this prize draw and other uses described in the Carbon Trust privacy policy.

The winner agrees to take part in reasonable post event publicity and to the use of their name and photograph in such publicity.

By entering the prize draw each entrant agrees to be bound by these terms and conditions. The Promoter is The Carbon Trust, 4th floor, Dorset House, 27-45 Stamford Street, London SE1 9 Senate Finance Committee Hearing on Tax Reform and Energy Policy

Interesting points:

Dr. Jorgenson proposed a system of taxing energy consumption where coal would have a high tax rate, oil should have a low tax rate, and natural gas should have the lowest tax rate except for renewables which shouldn't be taxed. This will move the market towards consumption of natural gas and renewables.

Mr. Sharp said that tax breaks and subsidies have been helpful in developing infant industries and new technologies but they should not exist indefinitely and apply to mature industries and technology.

Senator Bingamen said that all energy technologies should have the same tax benefits while Senator Menendez asked why the US is giving tax benefits to the very profitable oil industry.

One Senator wondered how the US could use the tax code to level the playing field; Mr. Nickles said that the US should be allowing deductions but not subsidies and all industries should be treated the same as far as taxation is concerned. Mr. Sharp said that tax policy should be used to encourage infant industries and the development of new technology. Mr. Sharp's printed testimony discusses the need for carbon taxes but this was not actually addressed in the hearing. Dr. Jorgenson said that it is important that the environmental costs of energy consumption are reflected in the tax code.

Senator Carper proposed an investment tax credit on wind power rather than a production tax credit in order to encourage the development of an off-shore wind industry. Dr. Jorgenson wondered how it would be paid for in the current fiscal climate.

Senator Hatch is not sure if the tax code is the appropriate place for US energy policy, and feels that the tax code should be simplified.

Please let me know if you have any questions about the hearing.

Hillary Clifford Environment and Energy Office Department of the Treasury (202)-622-9197

From:	<u>Urbanas, Elizabeth (Beth)</u>
To:	Jaffe, Judson; Metcalf, Gilbert; Hall, Daniel
Subject:	Social Cost of Carbon Meeting
Date:	Thursday, February 09, 2012 9:28:50 AM

I am gonna take a pass on this one so I sit down with folks and make sure our budget roll out stuff is in on track/in order. I grab a read out from one of you.

From:	<u>Urbanas, Elizabeth (Beth)</u>
То:	Jaffe, Judson; Metcalf, Gilbert; Hall, Daniel
Subject:	Social Cost of Carbon Meeting
Date:	Thursday, February 09, 2012 9:29:33 AM

I am gonna take a pass on this one so I can sit down with folks and make sure our budget roll out stuff is in on track/in order. I will grab a read out from one of you.

From:	ACORE
To:	Jaffe, Judson
Subject:	Special Webinar - Biofuels and the US Military
Date:	Friday, March 16, 2012 3:53:07 PM

To view this mail in a browser, copy http://links.mkt3350.com/servlet/MailView? ms=NTIOMjI3NQS2&r=NzkwMTYzMjcONwS2&j=MTk2MTIyMDQ5S0&mt=1&rt=0 into your browser. http://links.mkt3350.com/ctt? kn=2&ms=NTIOMjI3NQS2&r=NzkwMTYzMjcONwS2&b=2&j=MTk2MTIyMDQ5S0&mt=1&rt=0 BCC Webinar Series -Biofuels and the U.S. MilitaryJoin us April 4, 2012 via telephone or webinar.

http://links.mkt3350.com/ctt? kn=5&ms=NTI0MjI3NQS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk2MTIyMDQ5S0&mt=1&rt=0

This webinar will examine the strategies, opportunities and obstacles related to the expanded use of biofuels in support of national defense focusing on three major areas: What is being done to advance collaborations between the U.S. Military and the Biofuels industry and initiatives to increase the production and use of advanced biofuels? What are the obstacles to scaling up the use of biofuels by the military and how can they be addressed effectively? From a production standpoint - what is required to make production volumes and prices viable for DoD?Speakers will highlight innovative ways the DoD is collaborating with private sector industries and advanced biofuel technologies to enhance combat operations, lower costs and support the military's mission to draw 25% of its energy from renewable sources by 2025.

Call Times: 12:00 pm - 1:30 pm Eastern 11:00 am - 12:30 pm Central 10:00 am - 11:30 am Mountain 9:00 am - 10:30 am Pacific 8:00 am - 9:30 am Alaskan

Co-Chairs: Bill Holmberg, Chairman, Biomass Coordinating Council (BCC) of ACORE Scott Sklar, Stella Group, Ltd.

Moderator: Michael Zimmer, Thompson Hine LLP

Speakers: Suzanne Hunt, Carbon War Room Joe Vollmer, Sturman Industries TBA, Solazyme Chris Tindal, U.S. Navy (invited)

Q&A:

Q & A session will follow the speakers' presentations. Please use the "ask question" button on your webinar screen to submit your questions.

How to Join:

To participate in this webinar, please register online. The webinar instructions will be emailed to you. There is a \$30.00 administrative fee to participate. ACORE member discount applies. <u>http://links.mkt3350.com/ctt?</u> kn=1&ms=NTIOMiI3NQS2&r=NzkwMTYzMjcONwS2&b=2&j=MTk2MTIyMDQ5S0&mt=1&rt=0

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This webinar is presented by the Biomass Coordinating Council of ACORE

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From:	Urbanas, Elizabeth (Beth)
To:	Jaffe, Judson
Subject:	Tentative: Social Cost of Carbon Meeting
Start:	Thursday, February 09, 2012 2:45:00 PM
End:	Thursday, February 09, 2012 3:45:00 PM
Location:	@EPA: Meet inside South Entrance of MT to walk over to EPA together

From:	Urbanas, Elizabeth (Beth)
To:	Jaffe, Judson
Subject:	Tentative: Social Cost of Carbon Meeting
Start:	Thursday, February 09, 2012 2:45:00 PM
End:	Thursday, February 09, 2012 3:45:00 PM
Location:	@EPA: Meet inside South Entrance of MT to walk over to EPA together

From:	ACORE
То:	Jaffe, Judson
Subject:	Tomorrow_Feb. 15 Webinar: State Renewables Policies - Lessons Learned
Date:	Tuesday, February 14, 2012 9:05:14 AM

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State Renewables Policies ? Lessons Learned After A Decade of Success

Join us live February 15, 2012 in a city near you or via telephone & webinar.

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A decade of state leadership for renewable energy faces unparalleled future changes in the U.S. The states have served as innovative laboratories of renewable energy development bolstered by strong federal support in 2009 with energy tax credit extensions, Section 1603 Treasury grants, bonus depreciation and federal Section 1705 loan guarantees. Over \$50 billion in federal financial support flowed to renewables over the past five years.

The next decade faces a new landscape for future renewables development in the states. Several states like California, New Jersey, Texas, Colorado, Washington, Oregon, Pennsylvania, and Massachusetts have benchmarked certain practices, success and achievements.

But the federal government has not delivered a national clean energy standard, tax planning uncertainty continues, no internal carbon standard exists, and we lack a clear national energy policy. What will states' renewables 2.0 look like this decade? How can states build off their own success, while emphasizing a new vision for renewable policies this decade using:

- * Innovative PACE financing; new financing incentives
- * Premium dispatchable renewables, expanding SREC?s
- * New regulatory incentives, tariffs for net metering, easier interconnections and new rate designs
- * Co-benefits with natural gas, air regulation
- * Transmission and storage, new ancillary services, and avoided T&D costs

* Creative state implementation plans (SIPS) under the Clean Air Act for new source performance review, using efficiency and waste heat recovery

- * Wastes as fuel
- * Distributed generation
- * Alternative fuels for vehicles
- * Growing military installations and bases
- * Importance of commercial, industrial buildings

With state energy tools and opportunities to shape indeterminacy, and with new policy and market strategies, how will new developments shape renewables to solidify positions in the top ten states over the upcoming decade? How will the new shale gas interface affect state renewable opportunities in North Dakota, Oklahoma, Wyoming, Colorado, Texas, Arkansas, Ohio, Pennsylvania and New York?

Join us for this provocative and forward looking discussion.

Q & A Submission:

Q & A both on the teleconference and live at the host firm sites, will follow the speakers' presentations. Please email questions to abaquestions@acore.org.

Call Times: 12:00 pm - 1:30 pm Eastern 11:00 am - 12:30 pm Central 10:00 am - 11:30 am Mountain 9:00 am - 10:30 am Pacific 8:00 am - 9:30 am Alaskan

Teleconference Co-Chairs: Robert F. Riley, Partner, Williams Mullen PC (Washington, D.C.) Michael W. Wise, McDonald Hopkins, LLC Legislative Update: Todd Foley, SVP, Policy & Government Relations, ACORE

Moderators: Michael J. Zimmer, Senior Counsel, Thompson Hine LLP Michael W. Wise, McDonald Hopkins, LLC

Speakers:

Lori Bird, Senior Analyst, National Renewable Energy Laboratory (NREL) Lewis Milford, President, Clean Energy Group (CEG) Eric Ackerman, Director, Alternative Regulation, Edison Electric Institute (EEI) Brad Copithorne, Energy and Financial Policy Specialist, Environmental Defense Fund (EDF)

How to Join

To participate in this call, please register online at www.renewableenergyinfo.org <u>http://links.mkt3350.com/ctt?</u> <u>kn=26&ms=NTE5NTA10AS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk0MzA5MzU0S0&mt=1&rt=0</u> There is a \$45.00 administrative fee to participate.

CLE Credits

Available for Participants New York State CLE credits are now available through the Pace Law School Center for Continuing Legal Education. The administrative cost for CLE credits is \$30.00. A list of states who have reciprocity with the New York State Bar can be viewed here http://links.mkt3350.com/ctt? http://links.mkt3350.com/ctt? http://links.mkt3350.com/ctt? http://links.mkt3350.com/ctt?

Attendees at several host firm locations also may be eligible for CLE credits from the host firms. Please check with your2011-2012 Host Firms <u>http://links.mkt3350.com/ctt?</u> <u>kn=31&ms=NTE5NTA1OAS2&r=NzkwMTYzMjcONwS2&b=2&j=MTk0MzA5MzU0S0&mt=1&rt=0</u> for availability of CLE Credits.

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Sincerely,

Robert F. Riley, ABA Teleconference Co-Chair, Williams Mullen PC Michael W. Wise, ABA Teleconference Co-Chair, McDonald Hopkins, LLC <u>http://links.mkt3350.com/ctt?</u> <u>kn=22&ms=NTE5NTA1OAS2&r=NzkwMTYzMjc0NwS2&b=2&j=MTk0MzA5MzU0S0&mt=1&rt=0</u>

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Portland, OR

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