

International Energy Systems in Transition
- Perspectives from Science and Industry -
The 15th IERE General Meeting & German Forum
Abstract

Title:

Dr. Pierre Dechamps
Policy Officer, DG Research & Innovation, European Commission
Belgium, Germany

Keywords:

Abstract

The EU has given itself ambitious and feasible climate and energy objectives for 2020 and 2030. The presentation would start from this and move towards the longer term. The Research and Innovation DG envisages actions to deepen the analysis of possible and cost-effective trajectories for Europe to achieve its medium and long-term climate objectives while maximising societal benefits and economic prosperity. The EU is committed to pursuing policies which are consistent with the overall political objective of keeping the global mean temperature increase below 2°C. The EU has confirmed its target to achieve domestic emissions reduction of at least 40% by 2030. Furthermore, based on the 'Roadmap for moving to a low-carbon economy in 2050', pursuing a deep decarbonisation pathway will require at least an 80% reduction of domestic greenhouse gas emissions in the EU by 2050 (compared to 1990). In addition, several research results assessed by the IPCC (5th Assessment Report) show that all pathways leading to a reasonable probability to keep average warming below 2°C imply global net near-zero or even negative emissions by the end of the century. A socio-economic transformation of this scale will require a paradigm shift and will have massive spill-over effects across the whole of society, but with different distributional implications, benefits and costs across individual economic sectors and social groups.

差出人 : Pierre.Dechamps@ec.europa.eu
宛先 : Voß_Max
Cc : Luening@vdi.de; office@iere.jp; matsu@iere.jp; erlach@acatech.de
件名 : RE: VDI Wissensforum recommends: International Congress - Energy Systems in Transition
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Dear Mr Voß,

Thank you for your answer below.

The session you mention on day 2 would indeed be suitable.

I would try to give the topic a more European perspective, rather than a national one. I attach here below a short abstract describing what my talk could be.

Best regards

Dr Pierre Dechamps

Dr. Pierre Dechamps
Policy Officer



European Commission | DG Research &
Innovation Unit I.4 | Climate Action and Earth
Observation

Rue du Champ de Mars 21, CDMA 03/127
B-1049 Brussels, Belgium - T. +32 2 29 56623

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Furthermore, based on the 'Roadmap for moving to a low-carbon economy in 2050', pursuing a deep decarbonisation pathway will require at least an 80% reduction of domestic greenhouse gas emissions in the EU by 2050 (compared to 1990). In addition, several research results assessed by the IPCC (5th Assessment Report) show that all pathways leading to a reasonable probability to keep average warming below 2°C imply global net near- zero or even negative emissions by the end of the century. A socio-economic transformation of this scale will require a paradigm shift and will have massive spill-over effects across the whole of society, but with different distributional implications, benefits and costs across individual economic sectors and social groups.

From: Voß, Max [mailto:Max.Voss@rwe.com]
Sent: Friday, August 28, 2015 5:03 PM
To: DECHAMPS Pierre (RTD)
Cc: Luening@vdi.de; IERE Central Office (office@iere.jp); Matsumura Testuo IERE (matsu@iere.jp); erlach@acatech.de
Subject: WG: VDI Wissensforum recommends: International Congress - Energy Systems in Transition

Dear Mr. Dechamps,

Ms. Luening from VDI forwarded your mail to me as I am in charge of the coordination of the conference. Actually we have finalized the sessions on day one but have still an open slot for the second day and the session "Strategies to deal with framework set by policy and society".

I understood your work, that it might also fit in this sessions and would give a more European perspective rather than a single country perspective.

If you feel comfortable with this session please send me a short abstract as soon as possible and I will inform the Programme Committee about your contribution since we have currently some other candidates on requests

Looking forward to hear from you soon and have a nice weekend.

Mit freundlichen Grüßen/Best regards

(Central Office made, from email information.)

Dr. Max Voß

Manager Technologies

Corporate Research & Development | Technology Foresight

RWE Group Business Services GmbH | Rellinghauser Str. 37 D-

45128 Essen <mailto:Max.Voss@rwe.com>

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