




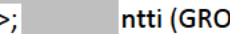






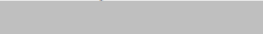
Ref. Ares(2019)688465 - 06/02/2019

**From:** GROW C2  
**Sent:** mercredi 6 février 2019 14:55  
**To:** GROW C2  
**Subject:** Invitation to speak at 31 January (afternoon) CEPS high-level workshop on CCS and CCU  
**Attachments:** CCUS\_Agenda\_31 Jan\_v5.0\_speakers.docx; CCS background paper 31 jan\_fin.pdf; Invite & dinner list\_31 Jan\_2019 .pdf

 invited me to close yesterday's workshop on CCS and to attend a dinner. Agenda, issues note and dinner participants attached.

- Participation was very heavily geared towards countries with mature oil and gas assets in the North Sea (UK, Netherlands, Norway). To me, it comes across as the oil and gas sector seeking to re-use depleting/potentially stranded assets to create a new business model for storing carbon, where much will depend on (a) the price of storage relative to the ETS price and (b) the long-term legacy potentially falling on governments if the storage provider goes out of business.
- The advocates of storage were dismissive of carbon capture and use, which CEFIC is actively promoting, on the grounds that converting carbon into useful molecule feedstocks would require huge amounts of renewable energy
- Still no clear business case for CCS: some projects are starting to get EU funding, e.g. PORTHOS (port of Rotterdam) and ACORN (oil and gas off the Scottish coast), but there's not yet any guaranteed supply of carbon to warrant a transport and storage business. Heidelberg Cement hinted that it may be interested in the Norwegian storage solution (Northern Lights), but the economics don't work yet
- Air Liquide talked about the shift to a hydrogen economy, saying that going solely down the electrolysis route would consume vast amounts of renewable energy and that CCS could be part of the solution.

**From:**  <@ceps.eu>  
**Sent:** Tuesday, January 29, 2019 10:41 PM  
**To:**  (GROW) <@ec.europa.eu>  
**Cc:** GROW C2 <[GROW-C2@ec.europa.eu](mailto:GROW-C2@ec.europa.eu)>;  ntti (GROW) <[ntti@ec.europa.eu](mailto:ntti@ec.europa.eu)>;  (GROW) <[ntti@ec.europa.eu](mailto:ntti@ec.europa.eu)>;  (GROW) <[ntti@ec.europa.eu](mailto:ntti@ec.europa.eu)>;  (GROW) <[ntti@ec.europa.eu](mailto:ntti@ec.europa.eu)>  
**Subject:** With attachments\_Re: Follow up: Re: FW: Invitation to speak at 31 January (afternoon) high-level workshop on CCS and CCU

On Tue, 29 Jan 2019 at 22:38,  <@ceps.eu> wrote:

Dear ,

Please find attached the final agenda (annotated) including venues for Speakers' lunch and **dinner discussion (Maison de Cygne), starting at 19:30h.**

Will you also be able to join the speakers' lunch at 13h?

In addition, I attach the short background note we did for the event.

I look forward to seeing you on Thursday.

Kind regards

[Redacted]



[Redacted]  
*Senior Research Fellow & Director*

CEPS & CEPS Energy Climate House

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**a:** 1, Place du Congrès, 1000, Bruxelles

**w:** [www.ceps.eu](http://www.ceps.eu) **e:** [Redacted]@ceps.eu



On Mon, 21 Jan 2019 at 10:48, [Redacted]@ec.europa.eu> wrote:

Dear [Redacted],

OK. I'll be at both.

Regards,

[Redacted]

[Redacted]: C [Redacted] <[Redacted]@ceps.eu>

**Sent:** Monday, January 21, 2019 1:13 AM

**To:** [Redacted] (GROW) [Redacted]y@ec.europa.eu>

Cc: GROW C2 <[GROW-C2@ec.europa.eu](mailto:GROW-C2@ec.europa.eu)>; [REDACTED] (GROW)  
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**Subject:** Follow up: Re: FW: Invitation to speak at 31 January (afternoon) high-level workshop on CCS and CCU

Dear [REDACTED],

Can I return to this invitation?

Would you be able to give the closing remarks?

Please find attached the annotated agenda?

We will have a dinner as of 19:30h. It is a bit bigger than usual. All speakers have confirmed with 2-3 exceptions.

[REDACTED]

On Tue, 18 Dec 2018 at 16:33, [REDACTED] [@ec.europa.eu](mailto:[REDACTED]@ec.europa.eu)> wrote:

**From:** [REDACTED] [@ceps.eu](mailto:[REDACTED]@ceps.eu)>  
**Sent:** Tuesday, December 18, 2018 1:53 PM  
**To:** [REDACTED] (GROW) [REDACTED] [@ec.europa.eu](mailto:[REDACTED]@ec.europa.eu)>  
**Subject:** Invitation to speak at 31 January (afternoon) high-level workshop on CCS and CCU

Dear [REDACTED],

The preparations for the 31 January CCS and CCU meeting are advancing well and we are putting together the speaker list. Please find attached

At 17:30 we have foreseen a session entitled 'industry perspectives', which is meant as a response from various sectors on what they have heard during the day. We are thinking of around 5 min max off-the-cuff comments to highlight specific industry concerns.

I thought it would be good if you could give introductory comments to this.

In addition, I would like to invite you to a small informal dinner discussion, essentially all speakers, following the event.

I wish you a relaxing break and look forward to your reply.

[Redacted]

[Redacted] [Redacted]  
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