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## **“Realising the Potential for Climate Change Mitigation Options – Implementing the Paris Agreement in Europe and beyond”**

**Brussels, 6 February 2018  
CEPS Conference Room, Place du Congrès 1, 1000 Brussels**

Climate-friendly technologies are available, yet for various reasons their diffusion is slow. This may risk that the European economy might be “locked-in” high-emissions technologies. This situation might jeopardise the achievement of the EU climate objectives, and the Paris Agreement at large.

The CARISMA final conference will provide an update on the EU’s 2050 climate strategy in light of achieving the Paris Agreement objectives. It will also address how a long-term transition to a low-emission economy can be facilitated by technological and social innovation before focussing on national implementation challenges, and address international cooperation on technology. The conference will end with discussing viable ways forward.

This conference is organised by the EU H2020 funded project “CARISMA” on innovation for climate change mitigation. CARISMA supports the development and diffusion of both technologies and practices to reduce greenhouse gas emissions.

For [online registration](#), please click [here](#)

## DRAFT AGENDA – version January 16

09:30 - 10:00 Arrival & registration of participants

### 10:00 - 11:15 European Decarbonisation Pathways to implement the Paris Agreement

The goals of the Paris Agreement require a rapid reduction of GHG emissions across all sectors of the economy. To date, the EU's long-term climate goals are expressed in the 2050 roadmap for a low-emission economy, which aims at a reduction of 80-95%. The EU's as well as other national targets will be reviewed with the global stocktake mandated by the Paris Agreement, including a discussion on so-called net-zero emissions. This will require radical transformations across the economy. And while energy-use and production are a major part of this, industrial processes and non-CO<sub>2</sub> gases present their own set of challenges. The session focusses on the different decarbonisation pathways available, touching upon the various energy vectors of decarbonisation, but also social change and changing demand patterns.

10:00 - 10:05 Welcome by chair – **Christian Egenhofer, Associate Senior Research Fellow, CEPS** (confirmed)

10:05 - 10:15 *The contribution of Horizon 2020 to research and innovation for mitigation*  
**Andrea Tilche**, DG Research & Innovation, European Commission (confirmed)

10:15 - 10:30 *The goal is clear – how to get there?*  
**Maria van der Hoeven**, vice-chair, High-level Panel of the European Decarbonisation Pathways Initiative (confirmed)

10:30 - 10:45 *CARISMA: a bird-eye's view of outcomes*  
**Heleen de Coninck**, Radboud University (confirmed)

10:45 - 11:15 Q & A

11.15 – 11.30 Break

**11:30 - 13:00 Session 1. Research, development and social innovation for climate change mitigation**

The large potential for climate change mitigation often is not fully realised due to well-known barriers. Among them are the absence of support of many stakeholders and unsuitable governance structures internationally and nationally. Technological innovation and decarbonisation pathways cannot do without social innovation and organisational change, as well as changing societal values for creating an enabling business and societal environment for decarbonisation pathways. This session will ask about how technological and social innovation can be integrated.

11:30 - 11:35 *Reducing emissions: social versus technological innovation?* - introduction by Chair  
**Wytze van der Gaast**, JIN Climate and Sustainability (confirmed)

11:35 - 11:45 *An enabling environment for climate change mitigation through social innovation*  
**Ruth Mourik**, Duneworks (confirmed)

11:45 - 11:55 *Which mitigation technologies should be prioritised?*  
**Milan Elkerbout**, CEPS (confirmed)

11:55 - 12:30 *Establishing links between social and technological innovation - Comments (5 minutes each)*

**Diána Ürge-Vorsatz**, Central European University (confirmed)

**Corrado Topi**, GreenEcoNet – connecting SME for a green economy (confirmed)

**Marieke Reijalt**, European Hydrogen and Fuel Cell Association (CARISMA Advisory Board member, to be confirmed)

**Michael Grubb**, University College London (confirmed)

12:30 - 13:00 Discussion and concluding remarks by Chair

**13:00 - 14:00 Lunch**

## 14:00 - 15:15 Session 2. Taking into account and making most of national circumstances

The effectiveness of European climate action largely depends on how well mitigation technologies or practices and accompanying policies for their accelerated deployment and diffusion fit in the national and local contexts of member states. Effective climate policies therefore require to carefully consider national or local contextual factors and find ways to overcome obstacles related to technology implementation where they exist. The EU Governance proposal is trying to address this.

14:00 - 14:05 *Introduction by Chair* **Henry Derwent**, Climate Strategies (CARISMA Advisory Board member, confirmed)

14:05 - 14:15 *The impact of contextual differences within the EU on Integrated National Energy and Climate Plans (INECPs)*

**Emilie Alberola**, I4CE (confirmed)

14:15 - 14:25 *Embedding climate change mitigation actions in national or regional contexts – an overview of good practice*

**Noriko Fujiwara**, CEPS (confirmed)

14:25 - 14:45 *Considering national and local contexts for climate decisions - Comments (5 minutes each)*

**Henning Sittel**, Effizienz-Agentur Nordrhein Westfalen (confirmed)

**Annick de Vries**, Netherlands Ministry of Economic Affairs and Climate (confirmed)

14:45 - 15:15 *Discussion and concluding remarks by Chair*

15.15 - 15.30 Break

**15:30 - 17:15 Session 3. Scaling up the technology deployment and diffusion to stay on track with the Decarbonisation Pathways – European and international perspectives**

This concluding session will build upon the insights from the previous sessions, covering technological and social innovation, notably in the context of national and in some cases, regional context. What lessons learned can be shared outside Europe? The session will bring together experts with different professional and geographical backgrounds to discuss perspectives to scale up the technology deployment and diffusion to stay on track with the Decarbonisation Pathways.

- 15:30 - 15:35 *Introduction by Co-Chairs, Heleen de Coninck* (Radboud University) and **Adriaan Slob** (TNO, co-ordinator H2020 project DEEDS) (confirmed)
- 15:35 - 15:50 *Update on the EU's Energy and Climate policies and interactions with the Paris Agreement framework*  
**Tom van Ierland**, DG CLIMA, European Commission (confirmed)
- 15:50 - 16:00 *Scaling up mitigation options as part of decarbonisation pathways in developing economies*  
**Gabriel Blanco**, UNICEN (Argentina) (to be confirmed)
- 16:00 - 16:10 *R&D offshoring in climate technologies to emerging economies: Opportunities and challenges for Europe*  
**Ulrich Hansen**, UNEP Danish Technical University Partnership (confirmed)
- 16:10 - 16:40 *Concluding panel (5 minutes each)*  
**Henry Derwent**, Climate Strategies (CARISMA Advisory Board member, confirmed)  
**Martina Lyons**, Energy R&I at the European Commission/Mission Innovation (to be confirmed)  
**Arthur Lee**, Chevron (CARISMA Advisory Board member, to be confirmed)  
**Nick Campbell**, Arkema / ICC (CARISMA Advisory Board member, to be confirmed)
- 16:40 - 17:00 Discussion
- 17:00 - 17:15 Conclusion of conference and hand-over ceremony of CARISMA's "legacy" (tools, processes, databases) to new Horizon 2020 Coordination & Support Action project DEEDS – **Heleen de Coninck** (CARISMA) and **Adriaan Slob** (DEEDS)

**17:15 RECEPTION**

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