



## Europe's role in Future Global Climate Policy

Final Conference of the European Commission-funded AMPERE Project

**21 January 2014, 10:30 – 17:30**

Venue: CEPS, Conference room (ground floor)  
Place du Congrès 1, 1000 Brussels – Phone: +32 2 2293911

The international target of limiting long-term global warming to 2°C and the EU target of reducing emissions at least 80% below 1990 levels by 2050 are directly interlinked. Achieving these goals poses significant challenges as well as opportunities for technology and investment. To date, however, domestic and international action does not yet match these long-term goals. This may result in pitfalls: lock-in into carbon-intensive energy capacity, emissions leakage to non-abating regions and policy uncertainty.

These complexities and their economic implications have been evaluated by the AMPERE project, an international modelling platform funded by the European Commission. AMPERE is a collaborative effort by researchers from across Europe as well as from Asia and America that examines a wide range of mitigation scenarios reflecting the limitations of real-world policies.

This conference will bring together climate policy experts and stakeholders to discuss the key AMPERE findings and relate them to Europe's options for climate mitigation strategies and current discussions of a 2030 framework for EU climate and energy policies. Experts will also discuss the prospects for internationally coordinated action based on the Durban platform.

### High-level panel on climate change mitigation pathways

With international climate policy at a crossroads within Europe and globally, a variety of potential policy scenarios may emerge. A panel of high-level experts will provide their perspectives on possible international and European mitigation pathways and discuss the challenges and opportunities for European decarbonisation among fragmented international climate policy.

### Stakeholder session on international climate action

AMPERE researchers will present insights into the economic and climate implications of potential futures in terms of technology and international climate action. A panel of international experts will contribute further perspectives on currently perceivable developments.

### Stakeholder session on the challenges and benefits of European decarbonisation

Perspectives and findings on the options, costs and co-benefits of European decarbonisation will be discussed among researchers and industry representatives.

**AMPERE** (*Assessment of Climate Change Mitigation Pathways and Evaluation of the Robustness of Mitigation Cost Estimates*): 21 partners from Europe and Asia, funded by the EU, have performed a series of multi-model intercomparisons to explore mitigation pathways and costs under real-world limitations while offering insights into the differences across models and the relation to historical trends.

*AMPERE Steering Committee: Elmar Kriegler (PIK), Keywan Riahi (IIASA), Detlef van Vuuren (Utrecht University), Valentina Bosetti (FEEM), Pantelis Capros (ICCS)*

## Conference Agenda – 21 January 2014

10:00 – 10:30 Registration

### 10:30 – 12:45 High-level panel: Assessing climate change mitigation pathways

*Chair: Ged Davis, Forescene and GEA Council*

#### **Welcome**

*Christian Egenhofer, CEPS*

#### **Overview of the AMPERE Project (10 min)**

*Ottmar Edenhofer, AMPERE project chair, PIK*

- What questions does AMPERE address?
- Using models to inform climate change policy
- The importance of a European modelling platform

#### **AMPERE insights for discussion (20 min)**

*Keywan Riahi, IIASA; Elmar Kriegler, PIK; Pantelis Capros, ICCS;  
for the AMPERE consortium*

- Carbon budgets, emissions reduction targets, and timing
- Front runner action among international fragmentation
- European decarbonisation: challenges and opportunities

#### **Keynote (10 min)**

*Jos Delbeke, European Commission, DG Climate Action*

#### **Panel discussion on Europe's potential role in the global climate policy context**

(60 min, incl. 3 x 5 min for new panellist statements)

**Moderator:** *Ged Davis, Forescene and GEA Council*

**Panellists:** *Jos Delbeke, European Commission, DG Climate Action*  
*Teresa Ribera, Institute of Sustainable Development and International Relations*  
*Brian Flannery, Resources for the Future*  
*Sylvain Lhote, Alcoa*  
*Ottmar Edenhofer, AMPERE project chair, PIK*

- What can we expect from the COP 21 in Paris 2015?
- Is Europe in a position to continue as a pioneer of international climate policy?
- What are the domestic climate policy options for Europe until 2030 and beyond?

#### **Discussion with the audience (30 min)**

12:45 – 14:00 Lunch break

**14:00 – 15:30 International climate action – timing, technology and coordination**

*Chair: Christian Egenhofer, CEPS*

**AMPERE findings on climate stabilisation pathways (30 min)**

*Detlef van Vuuren, Utrecht University*

*Keywan Riahi, IIASA*

*Elmar Kriegler, PIK*

- Introduction to AMPERE
- Policy-relevant insights into carbon budgets and climate feedbacks
- Technology pathways, lock-ins and the potential role of negative emissions
- Ways forward: Europe's potential role as leader in international climate policy

**International Panel (30 min):**

*Laura Cozzi, IEA*

*Tom van Ierland, DG Climate*

*Jiang Kejun, Energy Research Institute, NDRC*

**Discussion (30 min)**

**15:30 – 16:00 Coffee break**

**16:00 – 17:25 European decarbonisation – challenges and benefits**

*Chair: Patrick Criqui, CNRS - Université de Grenoble*

**The role of research and innovation for European decarbonisation (10 min)**

*Andrea Tilche, DG Research*

**Sectoral impacts and co-benefits of European decarbonisation (15 min)**

*Pantelis Capros, ICCS*

**Commentators (40 min)**

*Brigitte Knopf, PIK*

*Allen Fawcett, U.S. EPA*

*Jean-Yves Caneill, EdF*

*Edmond Alphandéry, CEPS*

**Discussion (20 min)**

**17:25 – 17:45 Conclusion**

**Contribution of AMPERE and outlook**

*John Weyant speaking for the AMPERE scientific advisory panel*

**Closing statement**

*Ottmar Edenhofer, AMPERE project chair, PIK*