

CEPS Energy Climate House First Annual Low-Carbon Economy Conference 2018

STEPS TOWARDS THE EU LOW-CARBON ECONOMY INDUSTRIAL CHALLENGES, ACTIONS & REQUIREMENTS

(In co-operation with the MISTRA Carbon Exit Programme)

Date: 4 and 5 June 2018

Venue: Crowne Plaza Brussels – Le Palace – Rue Gineste 3 (Place Rogier) (to be confirmed)

The transition to a low-carbon economy presents both a significant opportunity and an immense challenge. The development and notably the commercialisation of low-carbon solutions, including clean energy technologies, can catalyse economic development, jobs and growth, and accelerate the transformation of business and industry. At the same time, this transition presents significant challenges in many cases related to scale: development and deployment of breakthrough technologies, infrastructure requirements and need for capital. This challenge is even greater when considering the requirement to make investments today for benefits in the future. A successful transition will require close coordination between policy, technology and capital, at the core of which is a partnership between the public and private sector and countries around the world.

Event Format:

- Each session is introduced by a CEPS ECH or other speaker based on a short background paper.
- Key note opening and closing speeches plus CEPS Ideas Lab-style discussions; approximately 7 minutes interventions followed by an actively moderated panel discussion.

AGENDA

DAY 1: 4 JUNE 2018

14:00: REGISTRATION AND COFFEE

14:30: OPENING PANEL: “FROM CHALLENGES TO OPPORTUNITIES”

The opening panel will provide both an international and EU perspective. It will discuss the opportunities that the energy transition and the industrial transformation offers. It will then turn to the challenges to industry, policy and society at large. It will give a very high-level view and therefore set the scene for the next day's discussions.

KEY NOTE SPEECHES:

Daniel Navia Simón, State Secretary for Energy, Spain (confirmed)

Mauro Petriccione, Director General, DG CLIMA, European Commission (confirmed)

Zhecho Stankov, Deputy Minister of Energy, Bulgaria (tbc)

Panel discussion (including Key Note speakers):

- **Susanne Dröge**, Senior Fellow, Stiftung Wissenschaft und Politik (SWP), Berlin (confirmed)
- **Heleen de Coninck**, Associate Professor, Institute for Science, Innovation and Society, Radboud University, Nijmegen (confirmed)
- **Ronnie Belmans**, CEO, EnergyVille & Professor Catholic University of Leuven (confirmed)
- **Paul Watkinson**, chief negotiator and head of the climate negotiations team for the French ministry of Ecology, Sustainable Development and Energy, France (tbc)
- Representative from **Industry** (tbc)

Moderator: **Christian Egenhofer**, Director, CEPS Energy Climate House

16:30 BREAK

16:45 SESSION 1: INNOVATION, FINANCE AND REGULATION

Focus of this session is to discuss the framework conditions required for innovation. It will cover the entire innovation sequence including R&D, demonstration, early deployment reaching to large scale deployment. A particular focus will be on public/private partnerships, market conditions and the role of investors.

Chair: **Jorge Núñez Ferrer**, Senior Research Fellow, CEPS Energy Climate House

Introduction by **Jorge Núñez Ferrer**, Senior Research Fellow, CEPS Energy Climate House and **Roberto Musmeci**, Researcher, CEPS Energy Climate House

Speakers:

- **Massimiano Tellini**, Global Head of Circular Economy in Intesa Sanpaolo Bank, Member of the 'Circular Economy Financing Expert Group' of the European Commission (confirmed)
- Representative from **EIB** (tbc)
- **Patrick Child**, Deputy Director General, DG Research & Innovation, European Commission (confirmed)
- **Andrea Renda**, Senior Research Fellow, CEPS (confirmed)
- Representative from **industry** (technology team) (tbc)

Discussion

18:30: END OF DAY 1

DAY 2: 5 JUNE 2018

08:30 REGISTRATION AND COFFEE

09:00 SPECIAL SESSION: RECONFIGURE: THE POWERFUL POTENTIAL OF THE CIRCULAR ECONOMY ON AN INDUSTRIAL SCALE

This session will introduce a ground-breaking new study commissioned by the European Climate Foundation and SITRA on the potential for resource intensive industries (steel, aluminium, plastics and cement) and key associated value chains (mobility and construction) to achieve deep decarbonisation, in particular from the development of the circular economy. The study will provide a first analytical base for policy-makers, businesses and other stakeholders focused on the challenge of achieving net zero emissions in Europe by mid-century at the latest.

WELCOME:

Mari Pantsar, Director, The Finnish Innovation Fund Sitra

KEYNOTE SPEECH:

Jyrki Katainen, Vice-President, Jobs, Growth, Investment and Competitiveness, European Commission (confirmed)

Study Presentation: **Per Klevnäs**, Partner, Material Economics (confirmed)

Panel Discussion:

- **Kirsten Dunlop**, CEO, Climate KIC (confirmed)
- **Bjørn Kjetil Mauritzen**, Head of Climate Office, Norsk Hydro (tbc)
- **Gilles Vermot Desroches**, Chief Sustainability Officer, Schneider Electric (confirmed)

Moderator: **Martin Porter**, Europe Group Coordinator, ECF (confirmed)

10:30 BREAK

10:45: SESSION 2: THE FUTURE GLOBAL MARKET FOR DECARBONISED INDUSTRY

This session will provide an outlook for global market opportunities and challenges for industry in Europe. It will cover both mobility and industry, including materials. The session will discuss new industrial value chains that are emerging from low-carbon mobility and industrial solutions and how Europe could position itself to benefit in competitiveness and climate objectives alike. The discussion will also include regional and social policy dimensions as well as the sustainability of the proposed new low-carbon solutions.

Moderators: **Aurélie Faure**, CEPS Energy Climate House and **Milan Elkerbout**, CEPS Energy Climate House

Introduction by CEPS Energy Climate House

Speakers:

INDUSTRY VALUE CHAINS

- **Tomasz Husak**, Head of Cabinet Commissioner Elżbieta Bieńkowska, Commissioner for Internal Market, Industry, Entrepreneurship and SMEs, European Commission (confirmed)
- **Carl De Maré**, Vice-President ArcelorMittal Group CTO, Head of Technology Strategy (confirmed)
- Representative **Chemicals Industry** (tbc)
- **Stefan Schleicher**, Professor of Economics, University of Graz & WIFO, Vienna (confirmed)

MOBILITY VALUE CHAINS

- **William Todts**, Executive Director, Transport & Environment (confirmed)
- **Antoine Aslanides**, Leader European Project Funding, EDF Group (confirmed)
- Representative from **Volkswagen** (tbc)
- **Khurram Gaba**, Policy Planning Executive, ExxonMobil (confirmed)
- **Philipp Offenber**, Analyst, EPSC, European Commission (confirmed)

Discussion

12:45: CLOSING SPEECHES

Maroš Šefčovič, Vice-President Energy Union, European Commission (tbc)

Closing by **Joaquín Almunia**, CEPS Chairman and former Vice-President of the European Commission (confirmed)