

## #CEPSLCEF2019

### CEPS LOW CARBON ECONOMY FORUM 2019

#### INDUSTRIAL IMPLICATIONS OF EU AND GLOBAL CLIMATE CHANGE POLICY

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

Date: 18 and 19 June 2019

Venue: Town Hall Europe (Square de Meeûs 5, Brussels)

EU energy and climate objectives in line with the Paris Agreement require significant reductions of greenhouse gas emissions in all sectors of the economy if the EU as a whole is to reach net zero emissions sometime in the second half of the century. New technologies have to be developed and deployed. If properly implemented, this climate policy-induced innovation could become a major contributor towards the EU's innovation, jobs and growth agenda. This industrial transformation is closely linked to the EU priorities of raising resource efficiency and moving towards a circular economy. While these latter two objectives do not obviate the need for a low-carbon transformation, they are arguably indispensable elements in reducing the magnitude of the required change: any material that is repurposed to productive ends does not need to be reproduced in an energy- and resource-intensive manner.

#### AGENDA

##### DAY 1: 18 JUNE 2019

**15:15H – 16:00H** Registration and coffee

**16:00H – 16:30H**

Opening: **Christian Egenhofer**, Director, CEPS Energy Climate House, CEPS & **Lars Zetterberg**, IVL Swedish Environmental Research Institute; Director of Mistra Carbon Exit

Opening Speech: **Maroš Šefčovič**, Vice President for Energy Union, European Commission

**16:30H – 18:30H**

##### Special Opening Panel: Technology outlook for the low-carbon economy

Technologies to tackle the climate change challenge exist. What framework will be required to bring these technologies into market?

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

- **Lars J. Nilsson**, Leader of the REINVENT EU-project, Co-ordinating Lead Author of the industry chapter in AR6 WGIII, IPCC
- **Carl De Maré**, Vice-President ArcelorMittal Group CTO, Head of Technology Strategy

Comments:

- **Elna Bardram**, Head of International Relations unit, DG Climate Action A.1, European Commission
- **Antoine Aslanides**, Senior Advisor, R&D and e-mobility, EDF Group
- **Frances Sprei**, Associate Professor, Department of Space, Earth and Environment, Physical Resource Theory, Chalmers University, Göteborg

Discussion

**18:30H – 19:15H**

Reception

## DAY 2: 19 JUNE 2019

**08:30H – 09:15H** Registration and coffee

**09:15H – 11:00H**

### Session 1: Global and EU Challenges of the EU long-term strategy

Europe has the know-how, the ability and the ambition to lead the world in developing the technologies required to tackle climate change. Will Europe also have the political means and the will?

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

#### Setting the scene:

**Spencer Dale**, Chief Economist, BP

**Mauro Petriccione**, Director General, DG Climate Action, European Commission

#### Panel discussion with:

- **Fredrik Hannerz**, Head of ETS unit, Environmental Protection Agency (EPA), Sweden; former Special Advisor to the Minister of Energy and Climate
- **Gauri Khandekar**, Researcher, Institute for European Studies, VUB, Brussels
- **Tom Mitchell**, Chief Strategy Officer, EIT Climate-KIC
- **Spencer Dale**, Chief Economist, BP
- **Mauro Petriccione**, Director General, DG Climate Action, European Commission

Discussion

**11:30H-13:15H**

### Session 2: 'Made in Europe'? Affordable Low-Carbon Circular Economy Products

What set of tools are required to incentivise investment and help create markets in low-carbon products and how can bottom-up incentive policies work in tandem with already existing top-down, disincentive policies such as the EU's carbon market?

Moderator: **Jorge Núñez Ferrer**, Senior Research Fellow, CEPS

#### Key Note:

**Lars Zetterberg**, IVL Swedish Environmental Research Institute; Director of Mistra Carbon Exit

#### Panel discussion with:

- **Fulvia Raffaelli**, Head of Unit, Clean Technologies and Products, DG Grow, European Commission
- **Martin Leitl**, Partner, Leitl International, Austria ('bricks manufacturing') and President, Bricks and ceramics industry association, Austria
- **Heinz Felder**, Senior Vice President, Investment & Energy, StoraEnso
- **Olga Chiappinelli**, Senior Researcher, Climate Policy Department, German Institute for Economic Research (DIW), Berlin
- **Lars Zetterberg**, IVL Swedish Environmental Research Institute; Director of Mistra Carbon Exit

Discussion

**13:15H-14:30H**      **LUNCH**

**14:30H-16:30H**

**Session 3: The Future of Gas**

What will be the future of gas in 2030 and notably in 2050? Is there a pathway from the current gas to a low-carbon gas system? How much low-carbon gas will be needed?

Moderator: **Francesco Gazzoletti**, Managing Partner FortyEight

**Key Note:**

**Jonathan Stern**, Distinguished Research Fellow, Oxford Institute for Energy Studies

**Panel discussion with:**

- **Constantine Levoyannis**, EU Public Affairs & Communications Director, GRTgaz
- **Lisa Fischer**, Senior Policy Advisor, E3G
- **Andreas Graf**, Associate, EU Energy Policy, AGORA Energiewende, Berlin
- **Johan Leuraers**, Governmental and Regulatory Affairs, Equinor
- **Łukasz Koliński**, Head of Economic Analyses, DG Energy, European Commission
- **Valentino Rossi**, Head of Public Affairs, ENEL
- **Tatiana Mitrova**, Scientific advisor at the Energy Research Institute of the Russian Academy of Sciences (ERI RAS), Moscow, Russia
- **Frank Slebos**, Director Europe Gas Strategy and Managing Director ExxonMobil Gas Marketing, ExxonMobil Central Europe Holding GmbH
- **Jonathan Stern**, Distinguished Research Fellow, Oxford Institute for Energy Studies

Discussion

**16:30H**      **END OF FORUM**