

## CEPS ECH Circular Economy Workshop

### Energy efficiency in the cement industry and the role of alternative fuel use in the circular economy

28 March 2018

Venue: CEPS  
Place du Congrès 1, B-1000 Brussels

#### Agenda

The CEPS Task Force on [‘The Role of Business in the Circular Economy’](#) has identified the need for member states to review their national waste management planning and better integrate circular economy principles into waste management. This workshop will focus on the case of the cement industry which uses different types of industrial by-products, waste and biomass as an alternative fuel and raw material (i.e. co-processing of waste). The workshop will discuss the challenges surrounding the use of alternative fuels by the industry and the policies needed to incentivise alternative waste treatment methods instead of landfilling and incineration. This includes energy efficiency challenges arising from the use of alternative fuels by the industry which in some cases can lead to an increase in energy demand.

09h00 – 09h30 Registration

09h30 – 09h35 **Welcome and introduction to the workshop by Christian Egenhofer**, Director, CEPS Energy Climate House and **Vasileios Rizos**, Research Fellow, CEPS Energy Climate House (confirmed)

09h35 – 09h50 Opening comments by **Seán Kelly**, Member of the European Parliament MEP (confirmed)

09h50 – 10h15 Discussion

#### » **The role of alternative fuel use and industrial symbiosis in the circular economy (10h15-11h30)**

- ✓ Prospects of using biomass and waste from other industries as an alternative fuel
- ✓ Barriers to increasing co-processing instead of waste incineration and/or landfilling
- ✓ Designing national waste management plans in line with circular economy goals

Speakers (10 min each)

- **Koen Coppenholle**, Chief Executive, CEMBUREAU (confirmed)
- **Rozalina Petrova**, Policy Officer, DG Environment, European Commission (confirmed)
- **Member state** representative, e.g. Portugal (tbc)
- **Jeroen De Beer**, Associate Director, Ecofys (confirmed)

**Followed by roundtable discussion with all participants.**

**» How to square the circle: maintaining energy efficiency while pursuing circular economy objectives (11h30-12h45)**

- ✓ The challenge of maintaining energy efficiency objectives while using alternative fuels to promote resource and CO<sub>2</sub> efficiency
- ✓ Link between EU Energy Strategy and the Circular Economy/Carbon Economy
- ✓ Energy efficiency challenges in other energy-intensive industries

Speakers (10 min each)

- **Paul Hodson**, Head of Unit, Energy Efficiency policy, DG Energy, European Commission (tbc)
- **Martin Oerter**, The European Cement Research Academy (ECRA) (confirmed)

**Followed by roundtable discussion with all participants.**

Key comments by representatives from two energy-intensive industries

- **Nicola Rega**, Climate Change & Energy Director, CEPI (confirmed)

12h45 – 13h00 Closing remarks: **Christian Egenhofer**, Senior Research Fellow & Director, CEPS Energy Climate House