



## **Session two: Sector coupling and the energy transition**

**CEER Annual Conference, 30 March 2021**

Fostering energy markets,  
empowering **consumers**.

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# Energy policies towards decarbonisation

## How we started:

- 1, 2, 3 Packages
- Liberalisation
- Unbundling
- Internal energy market
- New EU entities & NCs



## Where we are going:

- New actors
- Energy system integration
- Carbon-neutral society
- Hydrogen
- Energy efficiency



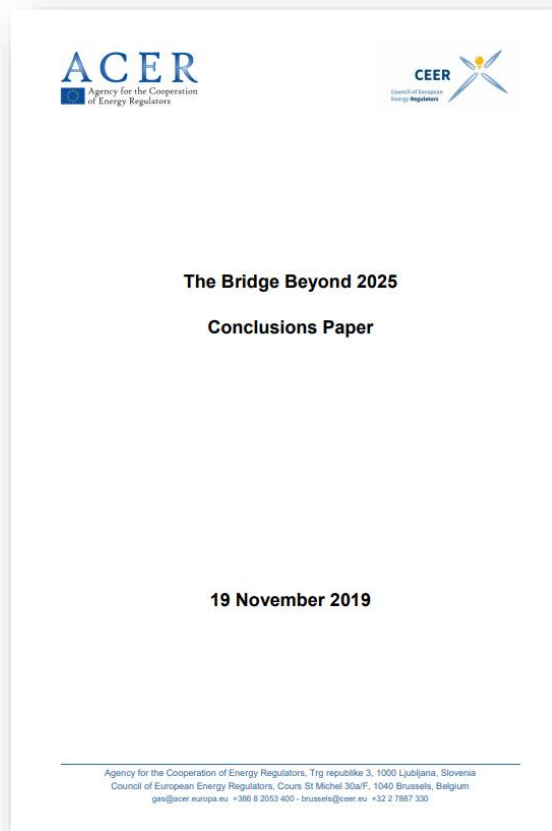
## Where we stand:

- Clean Energy Package
- Decentralisation
- Prosumers
- Energy efficiency



# Regulators' proposed response

## The Bridge Beyond 2025



- Access and market monitoring
- Governance of infrastructure and oversight of existing and new entities
- Dynamic regulation for new activities and technologies
- Transmission tariffs and cross-border capacity allocation

### Further reflections:

White Paper on Hydrogen

White Paper on P2G

White Paper on Long-term storage



# Views on how to regulate hydrogen networks

1. Consider a **gradual approach to the regulation of H2 networks** in line with market a infrastructure development
2. **Apply a dynamic regulatory approach** based on periodic market monitoring
3. **Clarify the regulatory principles** from the outset
4. **Foresee temporary regulatory exemptions** for existing and new H2 infrastructure development as B2B networks

## *When and How to Regulate Hydrogen Networks?*

“European Green Deal” Regulatory White Paper series (paper #1)

relevant to the European Commission’s Hydrogen and Energy System Integration Strategies

9 February 2021

5. **Value the benefits of repurposing of gas assets** for H2 transport
6. **Apply cost-reflectivity** to avoid cross-subsidisation between the gas and H2 network users



# Views on the regulatory treatment of P2G

1. **Revisit the current set of definitions** for major activities in the context of integrated gas and electricity sectors
2. **Consider investment and management of power-to-gas installations as market-based activities** which are open to competition among market players
3. Allow **involvement of system operators** in the development and operation of power-to-gas installations, only **in exceptional cases**
4. Include **power-to-gas installations and their suitable locations in system needs analysis**



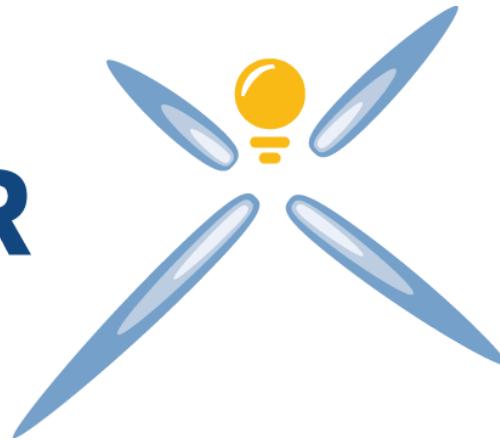
5. **Define cost-reflective network tariffs**, which should be applied to comparable activities across electricity and gas sector in a technologically-neutral way
6. **Avoid distortive effects of taxes and levies** on the integrated energy system



**Thank you for your attention!**

**CEER**

**Council of European  
Energy Regulators**



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