

## THE FUTURE OF HYDROGEN ENERGY 1-2-3

A joint series of webinars on hydrogen by the European Union Agency for the Cooperation of Energy Regulators (ACER) and the Energy Community Secretariat (ECS) [link](#)

- 1. Hydrogen: the basics and recent studies by ACER and ECS**  
25 February 2021 - 14:00 – 15:55 CET - [link](#)
- 2. Hydrogen and the Energy Transition: Technologies, Markets, Regulation**  
4 March 2021, 14:00 – 15:30 CET - [link](#)
- 3. Hydrogen: Pan-European Cooperation, Sector Integration**  
10 March 2021, 14:00 – 15:30 CET – [link](#)

**Participation does not require prior registration and is free-of-charge.**

**Log in links are available here: [#1\(link\)](#); [#2\(link\)](#); [#3\(link\)](#)**

### What are the webinars about?

Can hydrogen be produced and supplied in a sustainable way as a substitute for fossil fuels? What technologies have the best potential to enable the efficient supply and use of hydrogen across the various sectors of the economy? What market and regulatory approaches could ensure that the uptake of sustainable hydrogen takes place at a rate that could realistically help efforts to phase out fossil fuels in line with the efforts to reach carbon neutrality by 2050? How can consumers benefit from the increased availability and use of hydrogen?

Each webinar will focus on a set of issues in a moderated format that allows participants to ask questions and get answers from the presenters in real time, time permitting.

What are the sets of issues to be covered by each of the webinars?

**Webinar 1: Hydrogen: General overview and recent studies by ACER and ECS**

25 February 2021, 14:00 – 15:55 [link](#)

will scan the findings and recommendations of:

- a study carried out by the Energy Community Secretariat on the Contracting Parties, about the potentials of hydrogen production, transport, usage and the legislative environments, along with recommendations;
- a white paper issued by ACER jointly with the Council of European Energy Regulators (CEER) on hydrogen [link](#), and a background study by Kantor Management Consultants S.A. for ACER [link](#).

The webinar will focus on hydrogen potential and the main concepts behind the discourse of a future in which hydrogen will be a major energy carrier across the European Union, in the Energy Community Contracting Parties, and beyond.

**Webinar 2: Hydrogen and the Energy Transition: Technologies, Markets, Regulation**

4 March 2021, 14:00 – 15:30 [link](#)

will focus on two panel discussions:

- Panel 1 will cover the following topics:
  - What can hydrogen actually do for energy transition?
  - Realistic and feasible technologies for production, transport, and use?
  - Power-to-gas: hydrogen as a balancing fuel or commodity – ACER White Paper [link](#)
  - How can Europe work together in optimizing hydrogen production, supply and consumption?
- Panel 2 will cover the following topics:
  - Creating the market: incentives and support on supply, transit and demand;
  - Regulatory and legal obstacles hindering the spreading of hydrogen;
  - How to create a functioning, liquid and market-based hydrogen ecosystem? Should any market segment be supported / incentivized – production, demand, transport – and if yes, how?
  - Cross-border issues (tbc)

**Webinar 3: Hydrogen: Pan-European Cooperation, Sector Integration**

10 March 2021, 14:00 – 15:30 [link](#)

will focus on two panel discussion:

- Panel 1 will cover the following topics:
  - What could be the role of the EU's neighborhood countries in the European hydrogen market? – Supply, demand or both?
  - What intra-regional (Mediterranean, Western-Balkans, and Eastern Partnership) cooperation and projects are feasible / desired?
  - What would be the best approach – straight for hydrogen or transition from other fuels (e.g. gas)?
- Panel 2 will cover the following topics:
  - Role of hydrogen in sector integration;
  - Power to gas – Will there be realistically a price spread (market signal) to enable energy storage in hydrogen?
  - Will hydrogen become a balancing fuel or it will remain an industry feedstock?
  - Regulatory policies for sector integration

### Who should attend the webinars?

**The first webinar**, apart from featuring a general introduction, will focus on the findings of the studies carried out by the respective institutions (ACER and ECS). ECS presentation will feature the findings of its study carried out in the previous months.

As such, this webinar is ideal for anyone not specialised in the regulatory debate on hydrogen, or stakeholders interested in the findings of the ECS and ACER studies. The goal of this webinar is to kick-off the discussion on the hydrogen supply chain ahead of the other forthcoming events, and to raise awareness about the topic in the Energy Community Contracting Parties, among key stakeholders, and the public.

**The second and third webinars** are focused on policy and regulatory debate issues.

Anyone interested in the status quo of hydrogen, fresh ideas, and insights from various quarters of knowledge about hydrogen, ranging from policy leaders to regulators to industry to notable experts, are welcome to join us during these forthcoming events.