



Hydrogen  
Europe

# Propelling global carbon neutrality by accelerating the European hydrogen industry



# Who we are

Hydrogen Europe is the leading European association working to make hydrogen technologies an everyday reality in Europe. We promote hydrogen as the enabler of a zero-emission society.

With over 525+ members, we represent companies of all sizes, National Associations, European Regions and Global Partners from across Europe and beyond in the field of fuel cell and hydrogen technologies.

Our vision is to propel global carbon neutrality by accelerating the European hydrogen industry.

# A key reference towards European decision-makers

We partner with the [European Commission](#) and the research community in a public-private partnership, the [Clean Hydrogen Partnership](#).

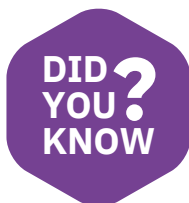
Together we drive the funding stream to accelerate the market introduction and scale-up of clean hydrogen technologies.

Hydrogen Europe is the industry's reference point and key advocate towards European decision-makers.

# Our mission

Hydrogen Europe effectively supports and facilitates its members in their transition towards a (circular) carbon-neutral economy while creating and maintaining sustainable jobs.

We drive markets to hydrogen-based solutions guiding decision-makers for hydrogen technology and applications.



## Stars are made of hydrogen!

Hydrogen is the richest energy source for stars, and it makes up to 75% of the universe, being the most abundant element in the universe.

# What we bring to the table



We represent the views and aspirations of the **hydrogen and fuel cells industry in Europe.**



We promote hydrogen and fuel cells as **clean and effective technologies** to enable decarbonisation.



We are a dedicated resource for stakeholders wanting more **information on the benefits** hydrogen and fuel cells can bring to society.



We develop and provide the necessary materials, documents, and positions papers to achieve a **common mission in coordination with our members.**



We help our members to **develop and promote their activities** in Europe as well as find new **business opportunities.**

# Hydrogen Europe in Numbers



550+

40+

140k+

Members.  
We represent the  
whole value chain from  
producers to end-users.

Employees

Followers on Social  
Media

**Join Europe's largest hydrogen community!**

**DID  
YOU?  
KNOW**

**NASA fuels its spaceships with hydrogen,**  
and the resulting water is so pure that astronauts drink it.



# Hydrogen Europe's Services

## EVENTS

We organise events and webinars to share knowledge and best practices, support networking among members and contribute to the sector's discussions with a forward-looking outlook.

We support participation, encourage networking and provide speaking opportunities for our members at relevant events within the hydrogen and fuel cell sector.

Be part of the **European Hydrogen Week**, the biggest annual event dedicated to hydrogen with a series of great happenings all around hydrogen. The week sees a common co-operation and effort of the Clean Hydrogen Partnership, the European Commission and Hydrogen Europe. Next to conferences, an exhibition will also take place. Don't miss this great chance to meet and mingle with the whole hydrogen sector!

Save the date:



18-22 November 2024  
@Brussels

## COMMUNICATIONS

With more than 70k+ unique visitors a month, the Hydrogen Europe website gives our members and the general public a good opportunity to be up to date with the latest news within the sector.

Visit: **[www.hydrogeneurope.eu](http://www.hydrogeneurope.eu)**

**Amplifying voices:** On Social Media platforms, now reaching 140k+ followers, we share and support our members' successes, activities, and milestones.

**We keep you up to date with all relevant information with Hydrogen Europe's monthly newsletters:** We provide the most up-to-date information on our activities and events relevant to the hydrogen sector.

**Jobs market:** Unique opportunity to post your job openings at Hydrogen Europe's website.





## POLICY

We follow key policy dossiers, work towards ensuring the presence of hydrogen and fuel cells in all relevant legislation and search for new modes of financial support for the industry.

We provide our expertise into regulatory and political activities of interest for Hydrogen Europe's members and give the opportunity to input Hydrogen Europe's position papers.

Our policy work serves as the industry's and policymakers' reference point: We provide you with the most up-to-date information on EU and global policy developments.

## FUNDING AND INTELLIGENCE

Our Intelligence Team offers data analyses, fact sheets and reports on various topics such as hydrogen production, consumption, logistic costs, relevant EU policies and national strategies.

Hydrogen Europe's members contribute to preparing the Clean Hydrogen JU's multi-annual and annual funding priorities. In cooperation with Hydrogen Europe Research, our Industry members have the unique possibility to shape the focus of the programme.

Our members participate in the Technical Committees and Roadmaps where annual strategic priorities are discussed, and topics for future calls for proposals are drafted.

The Technical Committees and Roadmaps are spread across three pillars: **Pillar 1:** Hydrogen production; **Pillar 2:** Hydrogen storage, transport and distribution; and **Pillar 3:** Hydrogen end-uses.

In collaboration with the European Commission, this work contributes to developing the Annual Work Plans, which translates into public calls for proposals.



# The Backbone of HE: Our Working Groups



## Heating

- Ensure hydrogen plays an important role in the design of sustainable buildings in Europe
- Discuss centralised heating and cooling production from hydrogen feeding district heating networks
- Review the eco-design and the energy performance of buildings directive
- Examine decentralised combined heat and power for autonomous buildings and off-grid applications



## Energy & Infrastructure

- Analyse Projects of Common Interest (PCI) related to hydrogen
- Examine the 10-year network development plan (TYNDP) on the future of the power grid
- Discuss the European Guarantees of Origin scheme
- Monitor the regulatory aspects of the Important Projects of Common European Interest (IPCEI)
- Develop relevant parts of the hydrogen and decarbonisation of gas package
- Liaison to the European Network System Operator for Gas and Energy, the New Gases Network
- Avoid fragmentation at the market level
- Prioritise hydrogen transmission and distribution pipelines
- Review relevant infrastructure regulation for hydrogen, E.g. Trans-European Networks for Energy regulation





## Funding and Financing

- Enhance members' access to EU funding as well as private financing
- Advocacy efforts designed to shape various funding programmes and instruments and EU finance and taxation legislation
- At the same time, the work of the European Clean Hydrogen Alliance will be discussed, and the main results will be made available to the working group members.



## Industry

- The IWG aims to coordinate, collect, and amplify members' input into the advocacy work developed by the CEO and the Secretariat team.
- The main topics to be dealt with as a starting point will be (non-exhaustive list):
  - Hydrogen for industrial heat
  - Hydrogen as feedstock in chemical industry
  - Hydrogen for steel manufacturing
  - Hydrogen for e-fuels production
  - Hydrogen as feedstock for refining
  - Hydrogen as feedstock for ammonia
  - Hydrogen for multi industrial hubs



## Sustainability

- Gather intelligence on PFAS, CRM and advanced materials and secure their safe access
- Gather information on technical possibilities to reduce or replace fluoropolymers, CRM and advanced materials to reuse
- Promote sustainability of hydrogen technologies



## Mobility

- Facilitate hydrogen in land vehicles and Hydrogen Refuelling Solutions (HRS) networking
- Boost hydrogen-powered trains, aircraft, and zero-emission ships
- Promote ports and airports as hydrogen hubs
- Enable hydrogen in aviation applications, off road machinery, and construction machinery
- Apply hydrogen as a fuel in transport applications
- Our Mobility Working Group is working in different Sub-groups



## Production

- Debating the revision of the Renewable Energy Directive (RED) and other relevant legislation
- Enhance renewable hydrogen offshore wind (direct production) and other renewable hydrogen sources
- Promote hydrogen grid electricity
- Revision of methane-based hydrogen, gasification, and other electrolyser manufacturing



## Regional Pillar

- Monitor and identify relevant funding opportunities for European regions
- Share best practices
- Matchmaking and consortia building
- Assess & address technology/infrastructure capability gaps in and between regions
- Project development and proposal preparation
- Shape EU funding programmes/call for proposals and facilitate dialogue with decision-makers



## Skills

- Reflect on the topic of skills, training, and education in the field of hydrogen and fuel cells
- Discussing the trends and need for hydrogen skills
- Joining project presentations of best practices on skills, training, and education
- Monitoring and feeding in employment and skills policies in relation to hydrogen and green skills at the European level
- Identifying and supporting initiatives at EU and national levels that support skills, education, and training across the hydrogen value chain



## Regulation, Code, Standards and Market

- Enhance members' access to standardisation work ongoing at national, European and International levels
- Coordinate, collect and amplify members' input into RCS work
- Cross-cutting issues
- Standardisation of hydrogen across sectors



## Global Partners Group

- Inform about relevant developments and assess the international implications of the EU Hydrogen Policy Framework, particularly the main challenges of applying EU rules in key export countries.
- Foster a strengthened agenda with third countries on hydrogen, particularly with the US, Japan, Latin America and the MENA region.
- Advance global cooperation on the enabling conditions for hydrogen as a global commodity, bringing Hydrogen Europe's voice to key international discussions on standards, certification, and infrastructure.

# Clean Hydrogen Partnership

We are part of a **Public-Private Partnership** (PPP) with the European Commission supporting research, technological development and demonstration activities in the field of fuel cell and hydrogen energy technologies in Europe.

The partnership preserves and reinforces the forefront position of the European players on a global scale. Hydrogen Europe and Hydrogen Europe Research act as a coordinating body of the private partners.



## OBJECTIVES FOR THE CLEAN HYDROGEN PARTNERSHIP

**GO:** General Objective

**SO:** Strategic Objective

**GO-1:** Accelerate the commercial maturity of individual hydrogen technologies across transport, heating & power, and industry.

**SO-1:** Produce Clean Hydrogen

**SO-2:** Integrate renewables in the energy system

**SO-7:** Decarbonise Industry (electrolysis for Industry)

**SO-3:** Deliver Clean Hydrogen at low cost

**SO-4:** Develop hydrogen infrastructure

**SO-5:** Develop competitiveness of hydrogen-based transport

**SO-6:** Develop hydrogen technologies for heat and power applications

**SO-7:** Decarbonise Industry (heat and power)

**GO-2:** Enable at scale and integrated deployment

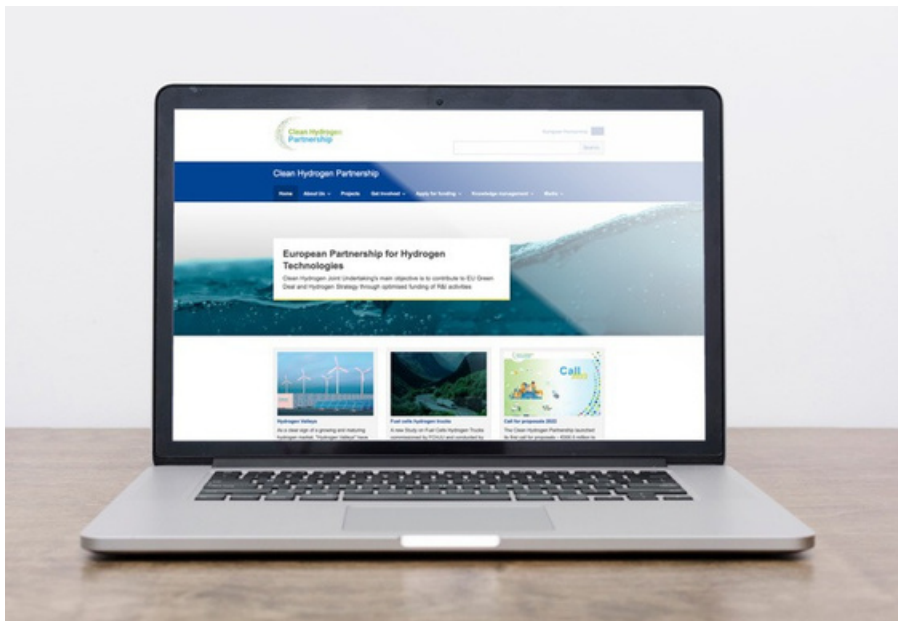
**SO-8:** Integrate hydrogen ecosystems combining multiple applications (Hydrogen Valleys)

**SO-9:** Develop key supply-chains

**GO-3:** Ensure a safe and frictionless deployment

**SO-10:** Addressing cross-cutting activities (LCA, recycling, PNR RCS & Safety, Education, etc.)

More information at: [www.clean-hydrogen.europa.eu](http://www.clean-hydrogen.europa.eu)

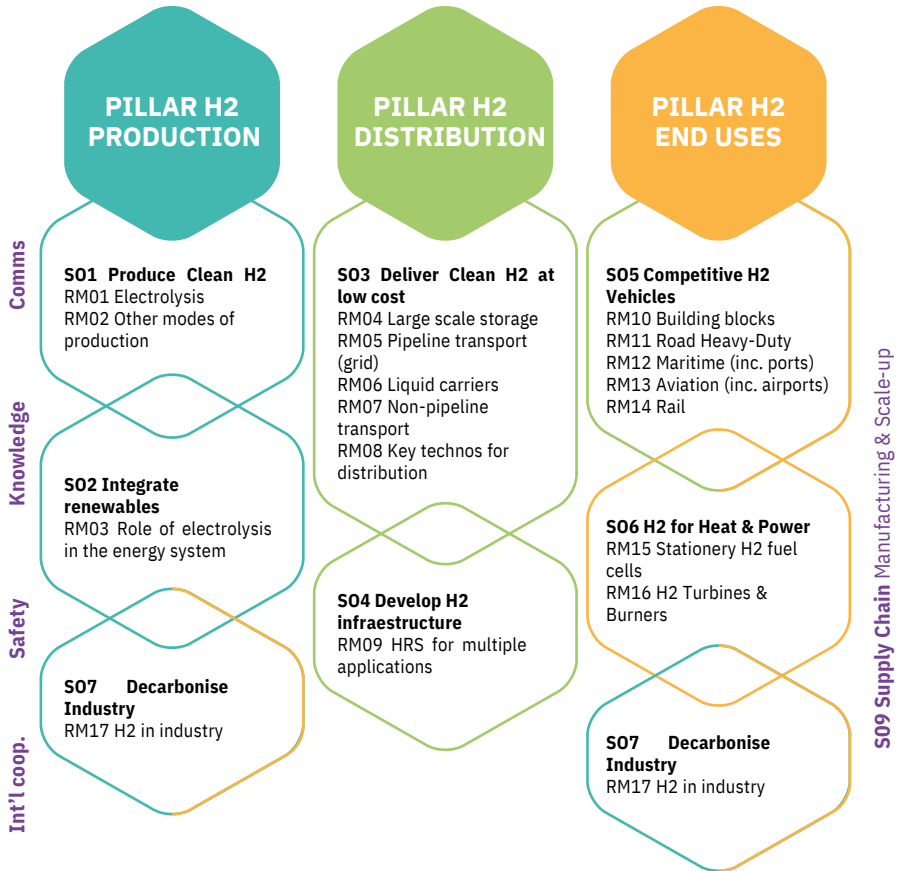


# Technical Committees\*

\*Only available to full industry corporate members category

## S10 Cross-Cutting

RM18.1 - LCA, Sustainability & Recycling, RM18.2 RCS & Safety,  
RM18.3 Education & Awareness



## S08 Hydrogen Valleys

Integrated H2 ecosystems combining multiple applications  
(ports, airports, industrial hubs, cities, etc.)



# Basic features, benefits & fees

## Features & Benefits

|   | Industry Corporate Member | European Regional Member | European National Association | Non - Industry Corporate Member | Other Non - Profit Member | Project Member                         | Global Partner Member |
|---|---------------------------|--------------------------|-------------------------------|---------------------------------|---------------------------|--|-----------------------|
| General Assembly Voting Rights  | ✓                         | ✓                        | ✓                             | ✗                               | ✗                         | ✗                                      | ✗                     |
| Access to Hydrogen Europe's Newsletters   | ✓                         | ✓                        | ✓                             | ✓                               | ✓                         | ✓                                      | ✓                     |
| Access to AWP - Help define Topics & Priorities through Technical Committees & Roadmaps | ✓                         | ✗                        | ✗                             | ✗                               | ✗                         | Only Topics Titles (Draftv2 & Draftv3) | ✗                     |
| Access to Working Groups + Opportunity and Input Position Papers                        | ✓                         | ✓                        | ✓                             | ✓                               | ✓                         | ✗                                      | ✗                     |
| Access to H2eroNetZero Monthly Webinars   | ✓                         | ✓                        | ✓                             | ✓                               | ✓                         | ✗                                      | ✗                     |
| Access to all Hydrogen Europe's Reports   | ✓                         | ✓                        | ✓                             | ✓                               | ✓                         | ✗                                      | ✓                     |
| Access to Networking & Speaking Opportunities   | ✓                         | ✓                        | ✓                             | ✓                               | ✓                         | ✗                                      | ✓                     |
| Opportunity to share relevant content on Hydrogen Europe's Website & Social Media       | ✓                         | ✓                        | ✓                             | ✓                               | ✓                         | ✗                                      | ✓                     |
| Opportunity to post job ads on Hydrogen Europe's Website                                | ✓                         | ✓                        | ✓                             | ✓                               | ✓                         | ✓                                      | ✓                     |

## Industry Corporate, Non-Industry Corporate & Global Partner Members

| Size                | Micro      | Small      | Medium     | Intermediary | Large       |
|---------------------|------------|------------|------------|--------------|-------------|
| Turnover            | ≤ 2MM      | ≤ 10MM     | ≤ 50MM     | ≤ 2B         | > 2B        |
| Balance sheet total | ≤ 2MM      | ≤ 10MM     | ≤ 43MM     | > 43MM       | > 43MM      |
| Staff headcount     | < 10       | < 50       | < 250      | > 250        | > 250       |
| Fee                 | 3.800,00 € | 5.700,00 € | 8.500,00 € | 18.000,00 €  | 25.000,00 € |

## European National Association & Other Non-Profit Members

| Country scale* | Small      | Medium     | Large      |
|----------------|------------|------------|------------|
| Fee            | 1.000,00 € | 2.000,00 € | 3.000,00 € |

## European Regional Members

|     |            |
|-----|------------|
| Fee | 3.000,00 € |
|-----|------------|

\*See application form



The **European Hydrogen Week** is the go-to-event to explore opportunities and be fuelled by ideas and new concepts all around hydrogen!

Join the sector's brightest minds and biggest movers on 18-22 November 2024 in Brussels for this one of a kind hydrogen event!

**Four-day** exhibition  
**8000+** visitors  
Over **8000+ sqm+**  
**High level Policy Conference**  
**Networking** evenings  
**Showcases & demos**  
**B2B** Forum

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For more information, visit: [\*\*hydrogeneurope.eu\*\*](https://hydrogeneurope.eu)

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