



EUROPEAN HYDROGEN
VALLEYS PARTNERSHIP

The European Hydrogen Valleys S3 Partnership

Launched in June 2019 with the support of the EC

Objectives:

- 1- Policy + Increase the visibility at EU level of regional/local support to the H2 sector
- 2- Knowledge-sharing and capacity-building on H2 valleys/ecosystems
- 3- Networking + Facilitate the set-up of joint European projects

Our activities:

- **Project set-up** (e.g.: Hy2Market project)
- **Information sharing and exchange of good practices** (building on a mapping of H2-related activities and issues in member regions, 2-3 plenary meetings/year)
- Bring the **regional/hydrogen valleys perspective** in EU-led initiatives (position papers, advisory groups)
- **One-stop-shop for regions and communities on H2-related initiatives**
- Strong links with Clean Hydrogen Partnership, ERRIN, Hydrogen Europe, Vanguard Initiative, European Clean Hydrogen Alliance, etc.

Coordinated by 4 pioneer regions in the field of H2:

- Auvergne Rhône Alpes
- Normandie
- Northern Netherlands
- Aragon



67 member regions in 13 countries

More information:

[Hydrogen valleys – S3 CoP website \(europa.eu\)](https://europa.eu/hydrogen-valleys-s3)



Coordination with others networks

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Link with industry
& facilitation of
projects

Focus on R&I
aspects with others
Regions



Hydrogen
Europe™

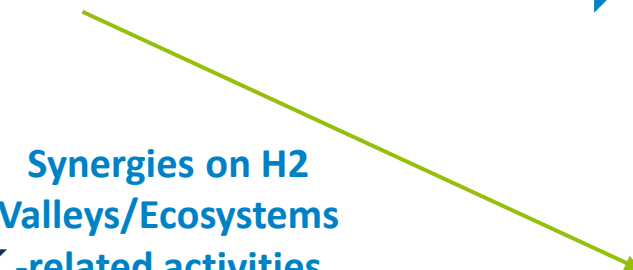
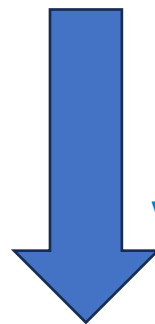
Steering committee of the
Regional Pillar

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ERRIN European Regions
Research and
Innovation Network

Working Group on Energy &
Climate Change



European Clean
Hydrogen Alliance

Steering committee



Synergies on H2
Valleys/Ecosystems
-related activities



Clean Hydrogen Partnership
Stakeholders Group

**VANGUARD
INITIATIVE**

Members



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Why the EU needs a dedicated roadmap for Hydrogen Valleys ?

Date: February 2023

Context: New budget for Hydrogen Valleys (RePowerEU); 1st H2 Valleys events (January – March 2023); EC call for evidence on H2 valleys

Need: A strategy to further develop Hydrogen Valleys that fosters place based innovation + innovation stakeholders

Ask:

- Role of regional and local authorities is key in developing hydrogen valleys
- Regulatory incentives and reducing burden
 - Definition, regulatory sandboxes, permitting, production capacities
- Developing a projects pipeline and financial incentives
 - Increase Research and Development
 - Project Development Assistance
 - State Aid incentives
 - Synergies across funds
 - Connecting valleys
- Skills development

Cooperation with ERRIN on H2 valleys as place-based innovation ecosystems



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What's next?

Connecting the Hydrogen Valleys

Date: June 2024

Context: Events on H2 valleys (January – Mars 2023, June 2024); EC SWD “Towards a roadmap for accelerating the deployment of Hydrogen Valleys accross Europe: challenges and opportunities”; CHP report “Making It Happen: Progress in an evolving sector”

Need: Hydrogen Valleys are spreading throughout the EU. Important to connect the Valleys across Europe

Ask:

- Tangibly implement connections between Hydrogen projects and Valleys at infrastructure levels
- Regulatory barriers between countries remain significant barriers to deployment of H2 Valleys
- Common standards for H2 quality and purity and transport pressure
- Connect Valleys at territorial scale
- Foster the cooperation at EU level among Valleys
 - Share best practices
 - Soft measures such as education and skills
- Dedicate specific funding and means to connect Hydrogen Valleys



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Upcoming activities – 2024/2025

(re)Launch of thematic working groups

- Investments
- Financing of hydrogen HDV
- Natural hydrogen

Next General Assembly on 11 December

- Lessons learned from 2024 CHP calls
- Hydrogen Valleys Facility

A question? Need more information?
Contact us at leaderss3h2@gmail.com



- Mapping (spring 2024): identify members priorities
- Governance (Oct. 2024 – February 2025) : internal leadership, WG organisation...