



European Clean Hydrogen Alliance



The European Clean Hydrogen Alliance will support the development of a clean and globally competitive hydrogen industry in Europe. Clean hydrogen technologies have the potential to achieve deep decarbonisation of some of Europe's most emitting industries, and play a key role in helping Europe to transition to a carbon neutral economy.

Objectives

Impact

- Pool resources for scale and impact
- Create a pipeline of viable large-scale investment projects
- Significant contribution to the climate neutrality objective

Inclusiveness

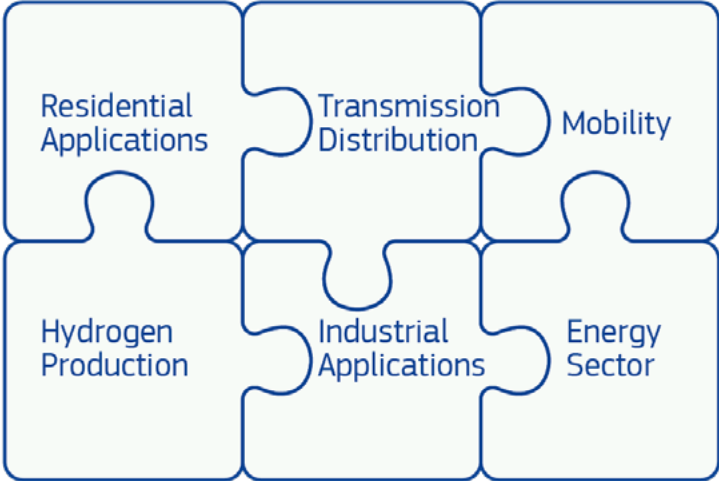
- Open to any public organization in the EU working on for clean hydrogen
- Members include Member States, regions, companies, civil society, associations, hydrogen experts, research and innovation communities
- Industry in the driving seat, especially companies with significant investment potential into clean hydrogen

Ambition

- Market creation of industrial scale demand and supply
- Deep decarbonization of the most emitting and hard-to-abate industries

How will the alliance work?

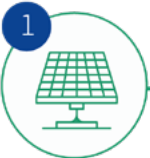
The work of the Alliance will be structured around six industrial pillars, connecting supply and demand for clean hydrogen:



Clean hydrogen value chain

The full-scale industrial deployment of clean hydrogen requires systemic action along the whole value chain. This should address hydrogen production, transport; the use of hydrogen in energy-intensive industries or as fuel for transport or for balancing the renewable electricity output. The Clean Hydrogen Alliance will act as a platform that enables close cooperation and coordination along the value chain.

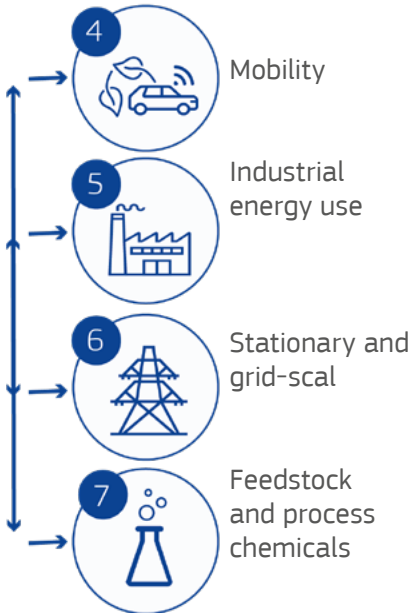
Hydrogen production



Hydrogen delivery and storage

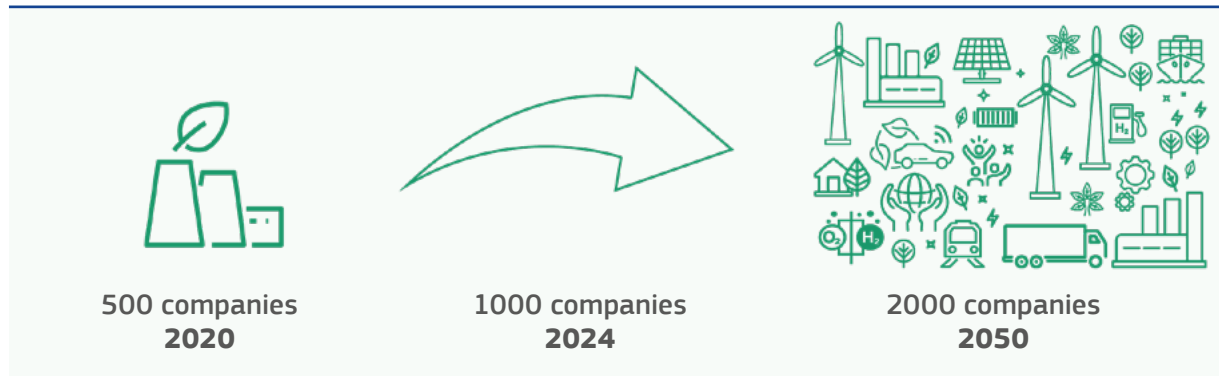


End use of Hydrogen

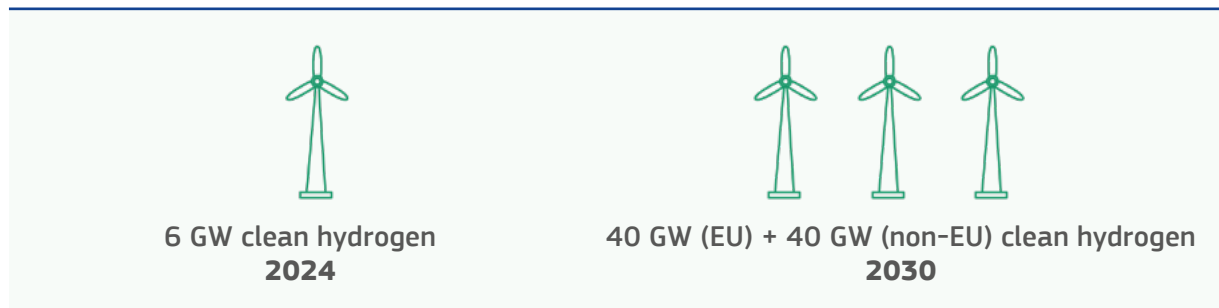


Building a hydrogen ecosystem

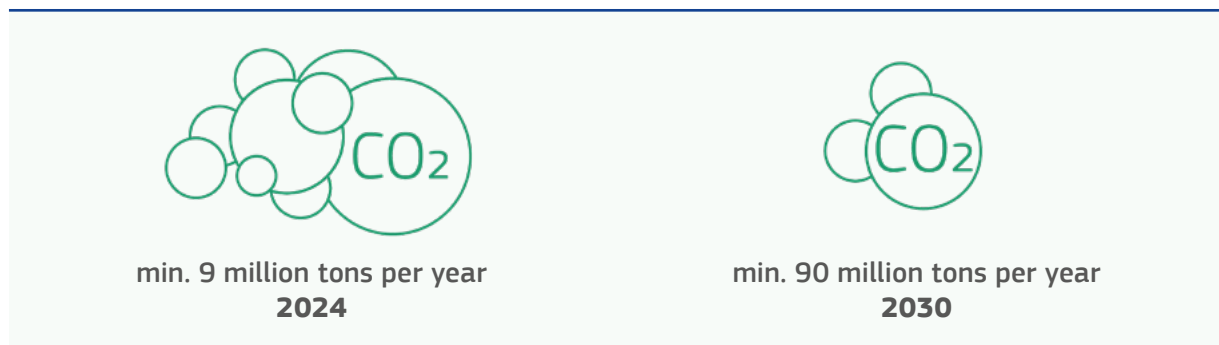
Participation in the Clean Hydrogen Alliance



Focus on renewable hydrogen



Emission reduction potential in industries



Investment needs in renewable hydrogen electrolyzers:

