



International Partnership  
for Hydrogen and Fuel Cells  
in the Economy

## *European Commission* Update

44<sup>th</sup> IPHE Steering Committee Meeting

24 – 25 November 2025

Riyadh, Saudi Arabia

**Patrice Millet, DG GROW Hydrogen Team, European Commission**

# Announcements / New Initiatives *European Commission*



## Sustainable Transport Investment Plan

Strategic roadmap to boost renewable and low-carbon fuels for aviation and waterborne transport

By 2050  
**90%**  
Decrease of transport emissions in the EU

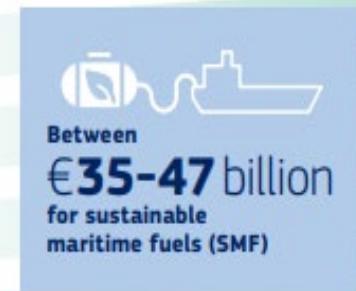
By 2035  
**20%** Share of sustainable aviation fuel in EU airports  
**-14.5%** Greenhouse gas reduction of ships



Around **€100 billion** to comply with EU targets under ReFuelEU Aviation & FuelEU Maritime



Between **€57-67 billion** for sustainable aviation fuels (SAF)



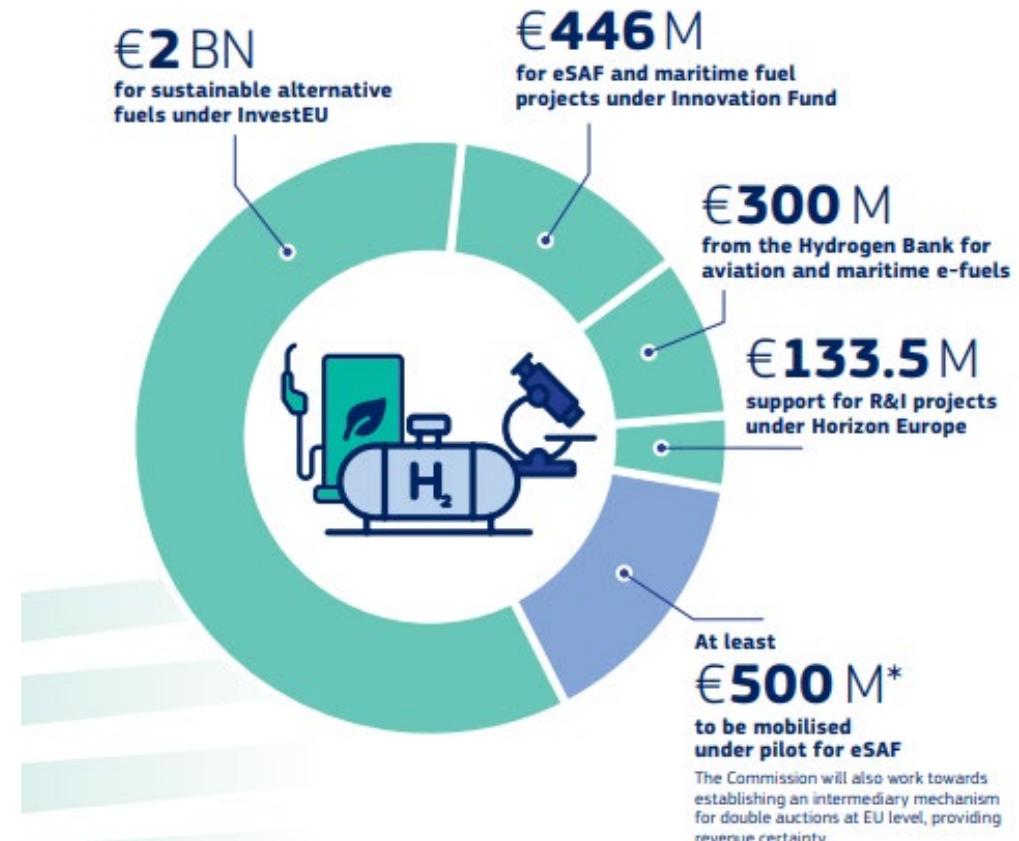
Between **€35-47 billion** for sustainable maritime fuels (SMF)

# Announcements / New Initiatives *European Commission*



## Key investment actions

The EU instruments under the plan are expected to mobilise at least **€2.9 billion** to unlock investments and scale up production of renewable and low-carbon fuels.



\*eSAF Early Movers Coalition - supported by committed Member States

## Delegated Act on low-carbon hydrogen

- As per the [Directive \(EU\) 2024/1788](#), the Commission has to adopt a methodology for evaluating the emission savings of low-carbon fuels.
- The Delegated Act covers all relevant production pathways (e.g. hydrogen produced from low-carbon electricity and hydrogen produced from natural gas applying CCUs) and create a level playing field between various forms of hydrogen. The act provides the last missing element for the methodology to identify what qualifies as low-carbon hydrogen.
- The scrutiny period for the European Parliament and the Council ended on 10 November 2025 and entry into force should follow in the next couple of weeks.

## Hydrogen and Fuel Cell R&D Update – Clean Hydrogen Partnership

- The Call for Proposals 2025 has an indicative total budget of EUR 184.5 million, including EUR 80 million to be directed exclusively towards Hydrogen Valleys topics according to the REPowerEU Plan. It also includes EUR 20 million from United Kingdom appropriations.
- A total of 24 proposals were retained for funding and are expected to finalise the grant preparation and signature before the end of 2025..

## Hydrogen Valleys Facility

- The facility aims at accelerating the number of hydrogen valleys in Europe. It includes project development assistance to support Hydrogen Valleys at different level of maturity.
- The Hydrogen Valleys Facility was launched as part of the Hydrogen Valleys Days in June 2025. From 36 applications received, the Clean Hydrogen Partnership selected 15 highly promising Hydrogen Valley projects from 8 EU Member States and 3 Horizon Europe associated countries. A new Call for Application for PDA support is planned in 2026. [Hydrogen Valley Days 2025 - Clean Hydrogen Partnership](#)
- Launch of the **Hydrogen Valleys (H2V) Knowledge Centre**, a dedicated resource for sharing knowledge and building capacity for Hydrogen Valleys and the wider hydrogen community. The Knowledge Centre is accessible via [www.h2v.eu](http://www.h2v.eu)

# Demonstration – Deployment - Financing



## Innovation Fund

A second renewable hydrogen auction opened on 3 December 2024 and awarded up to €1.2 billion support to renewable hydrogen producers located in the European Economic Area (EEA).

This call for proposal included two topics subject to separate competitive bidding procedures:

- a general topic to support the production of RFNBO hydrogen regardless of the sector in which it will be consumed (€1.0 billion); and,
- a specific topic for the production of RFNBO hydrogen to be used in the maritime sector (€200 millions).

15 projects were selected under the general topic corresponding to a bid volume of 1.332 kt\_H<sub>2</sub> / 10 yrs and a bid capacity of 1.060 MWe.

The 3 projects selected under the maritime topics (all from Norway) correspond to a bid volume of 995 kt\_H<sub>2</sub> / 10 yrs and a bid capacity of 114 MWe.

- The winning bidders will produce the renewable hydrogen in Europe with a subsidy that will help to close the price difference between their production costs and the market price and accelerate the deployment of cleaner fuels.
- Projects must reach financial close within 2.5 years and enter into operation within 5 years.
- In parallel, Spain, Lithuania, and Austria are allocating up to €836 million in national funding for projects in their countries through the 'Auctions-as-a-Service' feature.

# Thank you



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