



International Partnership
for Hydrogen and Fuel Cells
in the Economy

European Commission Update

37th IPHE Steering Committee Meeting

26 – 27 April 2022

Virtual Meeting

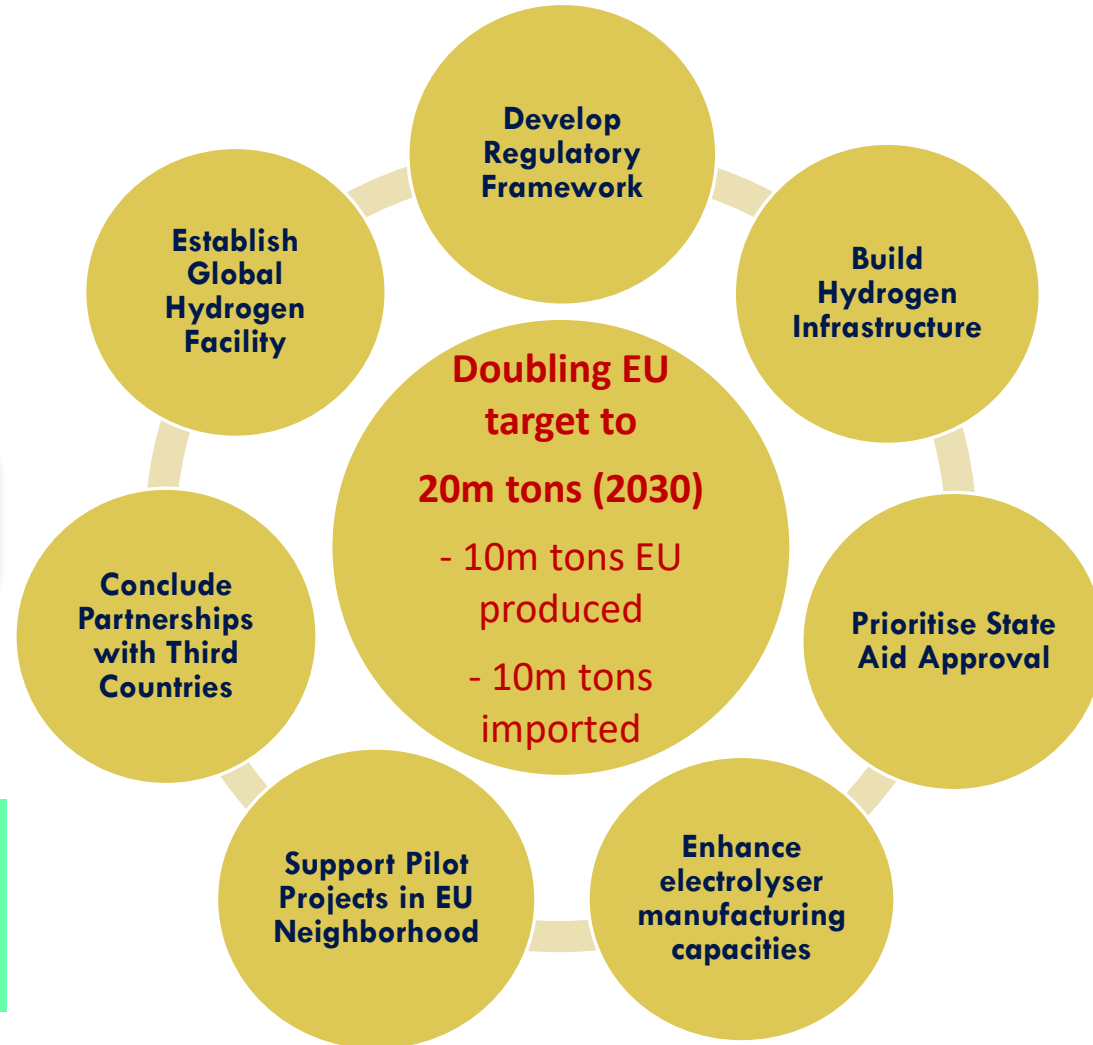
Announcements / New Initiatives (1/2)

(European Commission)

REPowerEU adopted on 8 March 2022
- Seven Actions to replace 25-50bcm Russian gas by 2030

Hydrogen Accelerator

Reserve 80GW renewable power generation capacity to produce the 10m tons of renewable hydrogen in EU



Announcements / New Initiatives (2/2)

(European Commission)



- **The Hydrogen and gas markets decarbonisation package** - Adopted on 15 December 2021:
 - ❑ Objective is to accelerate the shift from fossil natural gas to renewable and low-carbon gases such as hydrogen. The legislative proposals aim to create dedicated hydrogen infrastructure and a hydrogen market by applying market rules in two phases: before and after 2030.
- The legislative proposals introduce the possibility:
 - To blend up to 5% hydrogen into cross-border gas networks. Voluntary agreements for higher blends States remain possible. This will allow the transmission of hydrogen cross-border from an early stage.
 - The proposals permit operators of gas networks to also operate hydrogen networks, subject to legal and asset unbundling.
- The proposals introduce a definition of low-carbon hydrogen (greenhouse gas savings of at least 70%) and a certification system for low-carbon hydrogen to be spelled out in detail in a Delegated Act by the end of 2024.



Announcements / New Initiatives

(European Commission)



- The **Innovation Fund** provides critical support for the commercial demonstration of innovative low-carbon technologies in multiple sectors. H2 very prominent in first call of proposals.
 - The second call for large-scale projects was launched on 26 October 2021. With a budget of EUR 1.5 billion - a 50% increase compared to the previous call - 138 applications were received in all eligible categories. Applicants were informed about the results of the evaluation in the first quarter of 2022.
 - The second call for small-scale projects (CAPEX below EUR 7.5 million) was launched on 31 March 2022 with a budget of EUR 100 million. Applicants will be informed about the results of the evaluation in the first quarter of 2023.
- Deployment activities: **The Clean Hydrogen Alliance** with publication, at the European Hydrogen Forum on 30 November 2021, of the pipeline of investment projects. The pipeline includes 769 projects from all parts of the value chain with 60% set to enter into operation (first phase) by 2024 and 80% by the end of 2025.
- On 25 February 2022, the Governing Board of the **Clean Hydrogen Partnership** adopted the Strategic Research and Innovation Agenda (SRIA) for the period 2021-2027 of the JU and its (first) Annual Work Programme (AWP) for 2022. https://www.clean-hydrogen.europa.eu/about-us/key-documents/strategic-research-and-innovation-agenda_en

The first Call for Proposals was launched in March 2022 with over €300 million budget.



Thank you



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