

# European Clean Hydrogen Alliance

Kick-starting the EU Hydrogen Industry to  
achieve the EU climate goals



Investing in a secure future: renewable & low-  
carbon gases infrastructure

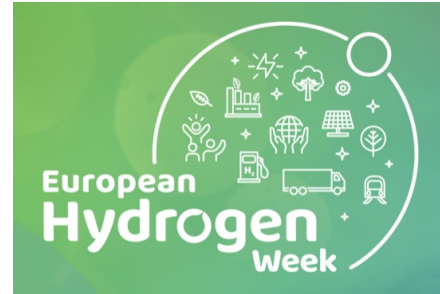
*GIE Annual Conference, 7 April 2022*

*Francisco de la Flor, ECH2A T&D RT Co-chair*

# ECH2A

## ECH2A – 2021:

- Round Tables:
  - Pipeline of Projects: Archetypes, Eligibility criteria, uploading projects
  - Barriers and Mitigation measures
  - CEOs RT meetings
  - Etc.
- Funding Compass
- Hydrogen Forums
- Match-making sessions



+750 Projects,  
submitted by 423  
organisations

+160 projects with  
T&D Dimension

Top 3 countries: ES,  
DE, FR

## EU Hydrogen Strategy (July 2020)

by 2024

1 Mt production  
renewable H<sub>2</sub>  
6 GW renewable H<sub>2</sub>  
electrolysers

by 2030

**10 Mt production  
renewable H<sub>2</sub>**  
40 GW renewable  
H<sub>2</sub> electrolysers

Beyond 2030

renewable  
hydrogen  
deployed at a  
large scale

## REPower EU (March 2022)



A Hydrogen Accelerator

Acceleration of hydrogen infrastructure  
deployment (e.g. IPCEI , Partnerships, etc.) and  
hydrogen-based solutions

New Cross-border infrastructure should be  
hydrogen compatible

by 2030

**20 Mt renewable H<sub>2</sub>**  
(10 Mt EU production and 10 Mt imports)

Hydrogen Alliance



# ECH2A

## ECH2A – 2022:

- Enlargement of RT membership
- Two new workstreams: **Permitting WG, Standardisation WG**
- Gas/H<sub>2</sub> Decarbonised Package
- Match-making & Info sessions
- Hydrogen Project funding opportunities
- Update of ECH2A Pipeline of Projects
- EU Hydrogen Forums



Membership keeps growing: +1700 Members  
Impacted by REPower EU

## *EIB looking to invest in Hydrogen Alliance projects*



*European Commission partners with EIT InnoEnergy's European Green Hydrogen Acceleration Center to accelerate and de-risk green hydrogen projects*

**EGHAC**  
European Green Hydrogen  
Acceleration Center

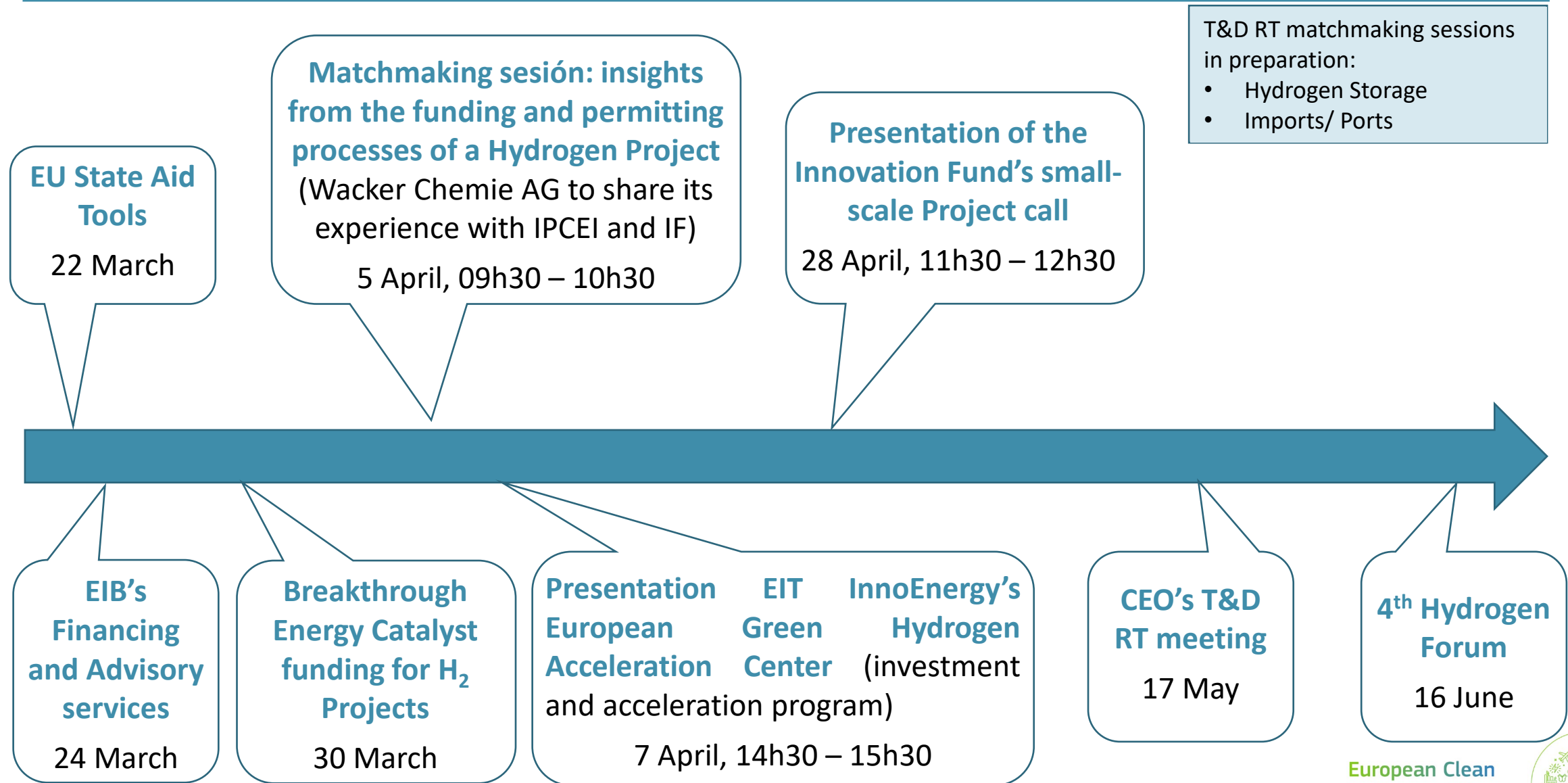


- Other funding opportunities also available
- Interactions /synergies with other processes (IPCEI, Innovation Fund, CH JU, GBER, etc.)
- REPower EU Plan: some concrete H<sub>2</sub> projects could be prioritised

European Clean  
Hydrogen Alliance



# ECH2A: recent and upcoming activities



# Other Infrastructure Initiatives

## RE-STREAM

Study about the possible reuse of existing oil and gas infrastructures for H<sub>2</sub> and CO<sub>2</sub>

- Most of the offshore pipelines are reusable
- ~70% of the onshore length could be reusable; + 30% provided positive results but more detailed analyses and/or tests needed

**None can be categorically excluded from reuse as of today**



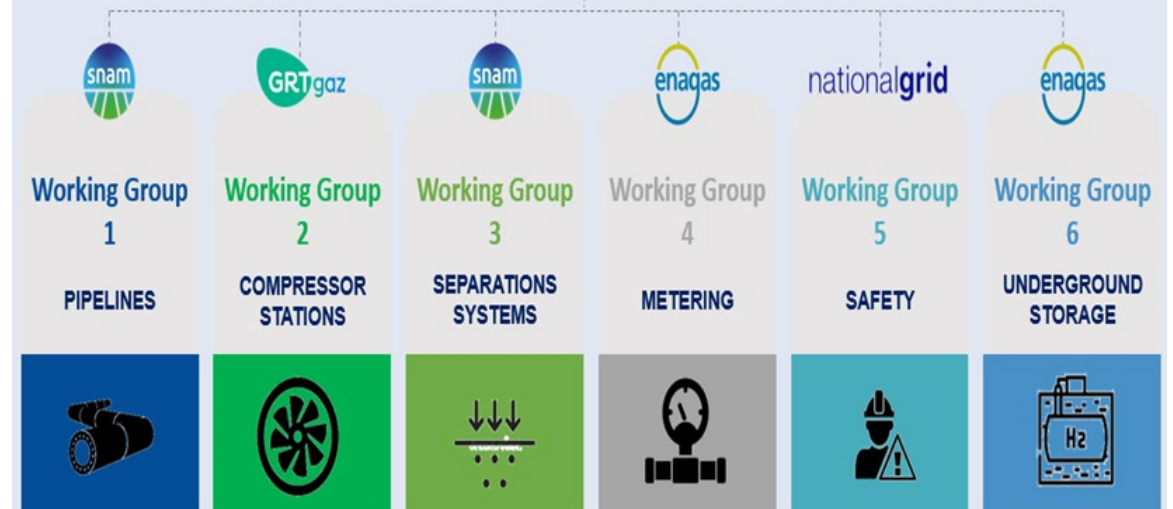
Study available [here](#) and [here](#).



## H2GAR



### H2 Gas Asset Readiness – Steering Committee Seven Founding Members





Thank you for  
your attention!

