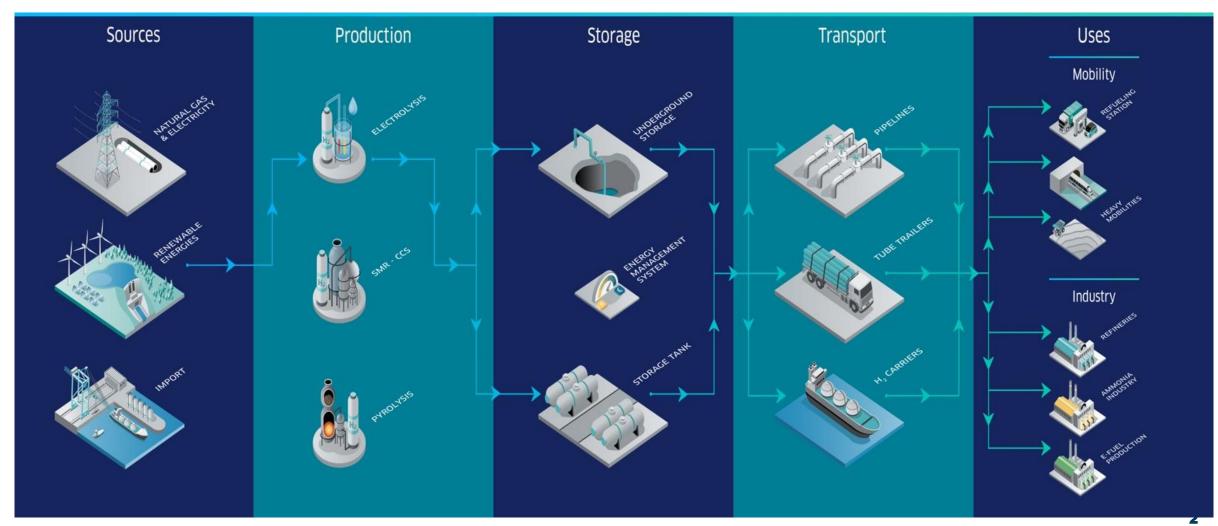


### ENGIE, A KEY PARTNER ALL ALONG THE HYDROGEN VALUE CHAIN



#### Renewable H2: the ENGIE ambitious roadmap



**Industry** 



**Mobility** 



Infrastructures

#### **Priorities**

Electrolysis capacities

Territorial partnerships for green H2 mobility

- H<sub>2</sub> Dedicated Pipelines
- H<sub>2</sub> Dedicated Storages

#### **Ambition 2030**

4 GW

>100 H<sub>2</sub> refueling stations

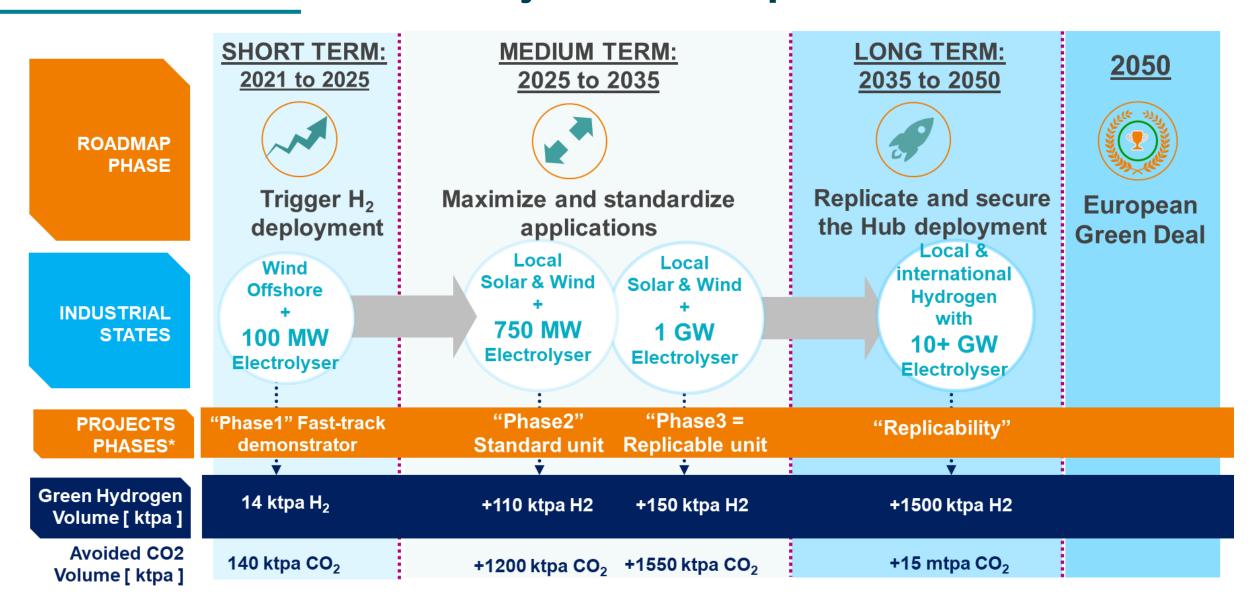
700 km

1 TWh

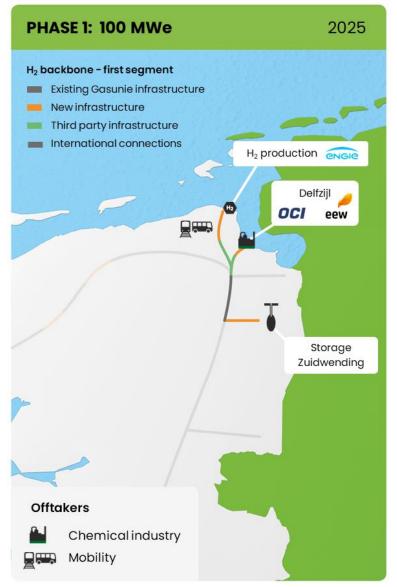
### How to reach these goals? A pipe of more than 30 large scale green H2 projects worldwide



### Focus on HyNetherlands project: a fast-track roadmap to manage industrial & investment risks towards bankability on GW-scale H2 production...



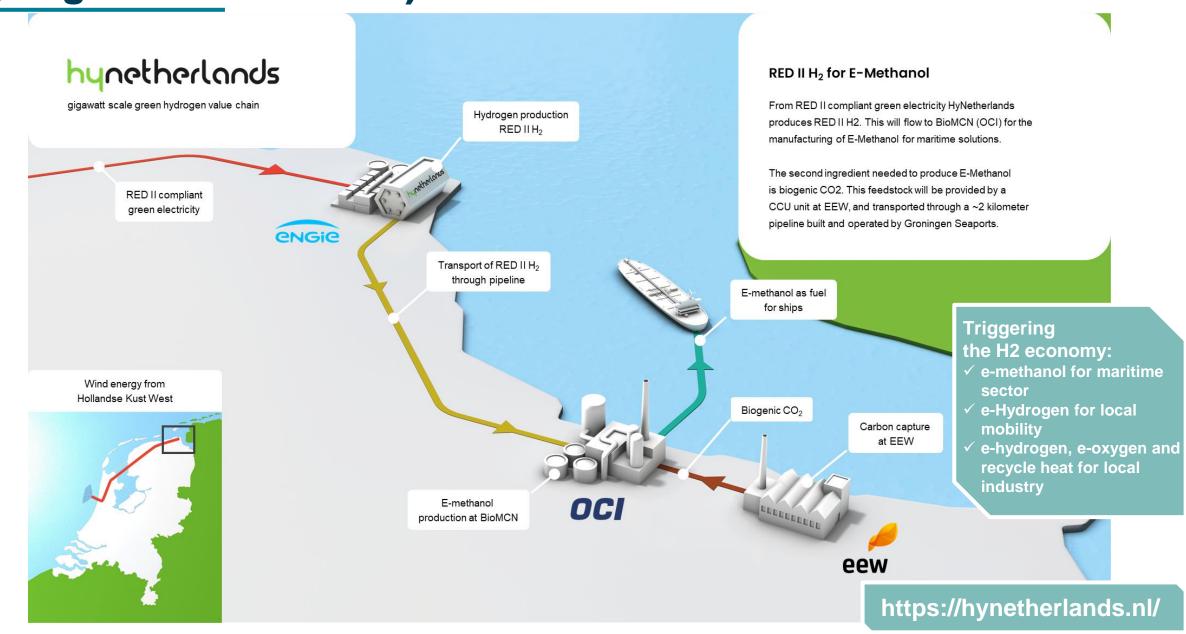
## From a regional, towards a national and European hydrogen economy... through an alignment between HyNL and infrastructure roadmap



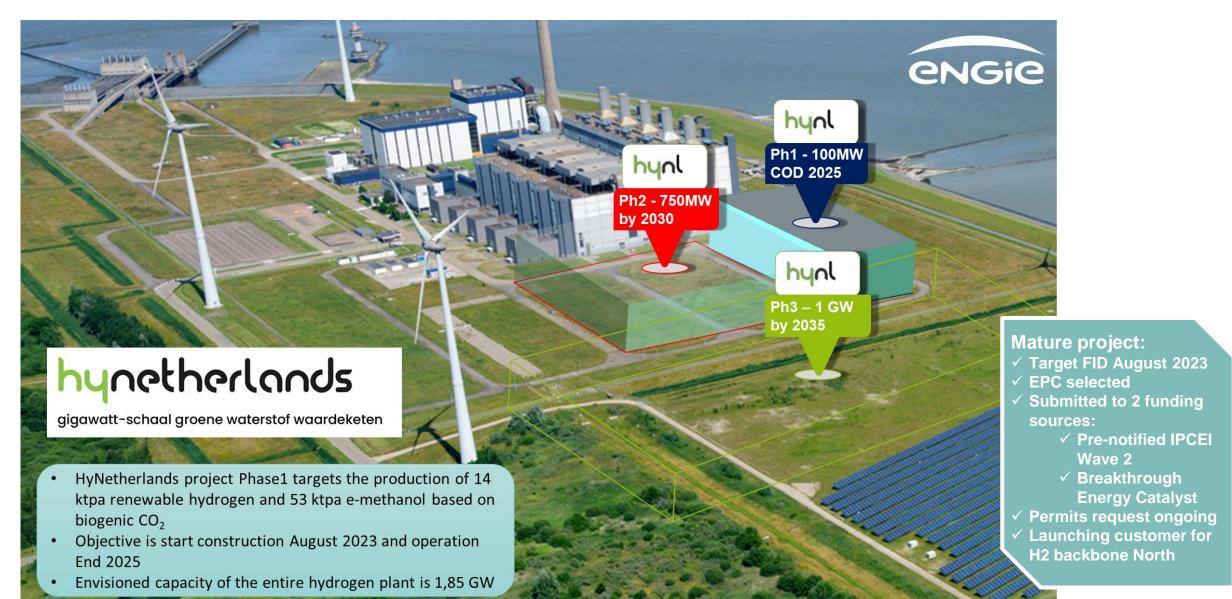




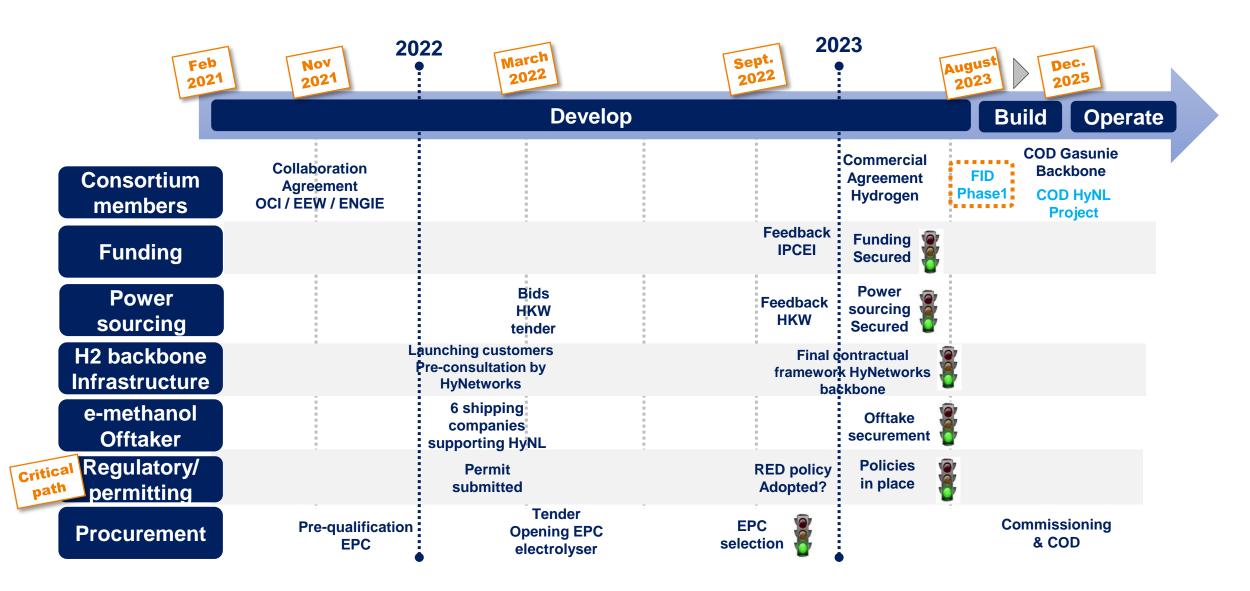
## HyNetherlands, towards the next generation of energy carriers (hydrogen and e-methanol)



# HyNetherlands, towards the next generation of energy carriers (hydrogen and e-methanol)



#### HyNetherlands – Timeline equation Fast-track development in EU = regulatory clarity + renewable + funding



### Masshylia project: an innovative renewable hydrogen project











### Masshylia project: progress and status

- □ Target to reach Final Investment Decision (FID) in Q4 2023 / Commercial Operation Date (COD) in Q1 2026
- Technical studies :
  - Selection of the electrolysis technology provider
  - Permitting: ongoing
  - Selection of the Owner Engineer : ongoing
  - Securing Renewable capacity
- ☐ Subsidies: notification under IPCEI Wave2

