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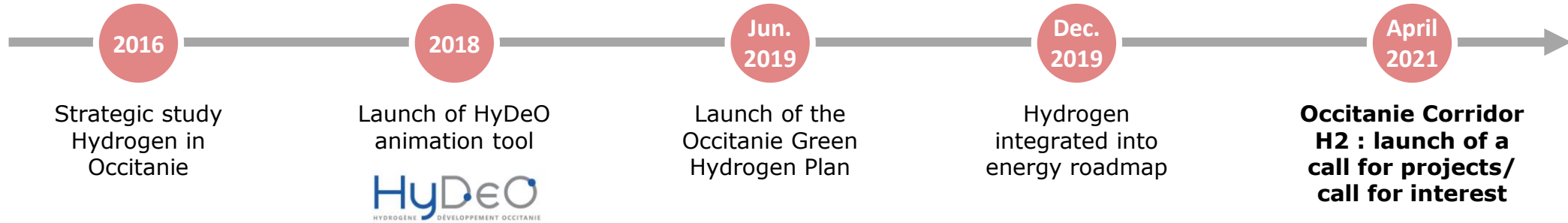
# The Occitanie Region strategy on H2

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June 3rd 2022



# Occitanie Region is since many years active on hydrogen



## Occitanie Green Hydrogen Plan



### €150M SUPPORT PLAN FOR THE DEPLOYMENT OF RENEWABLE HYDROGEN OVER THE PERIOD 2019-2030

1. Support hydrogen production, storage and distribution projects
2. Support end-uses of hydrogen
3. Support territorial hydrogen ecosystems and mobilise citizens
4. Position Occitanie as a leading region at the European level
5. Anticipate skills needs for tomorrow's hydrogen professions

### Objectives by 2030

- ❑ **2** large-scale **renewable hydrogen** production sites
- ❑ **55** hydrogen stations
- ❑ **+ 3.000** vehicles supported

# The Corridor H2 project is about tackling heavy road transports emissions

- **A huge environmental pressure on our regional and European road**
- Road transport expected to grow by 82% between 2015 and 2050 <sup>(1)</sup>
- Natural gas and batteries cannot solve the pollution issue, hydrogen is the only way to go <sup>(2)</sup>
- **Major truck players starting to invest and customers are in demand for hydrogen, if economically viable**



<sup>(1)</sup> Eurostat, OECD

<sup>(2)</sup> M. Gerrit, CEO of CNHI (Iveco, Oct. 2019)



# Corridor H2 in Occitanie : first regional cluster launched



**INVESTMENT**

**110 M€** in total for project implementation **by the end of 2023**

**PRODUCTION**

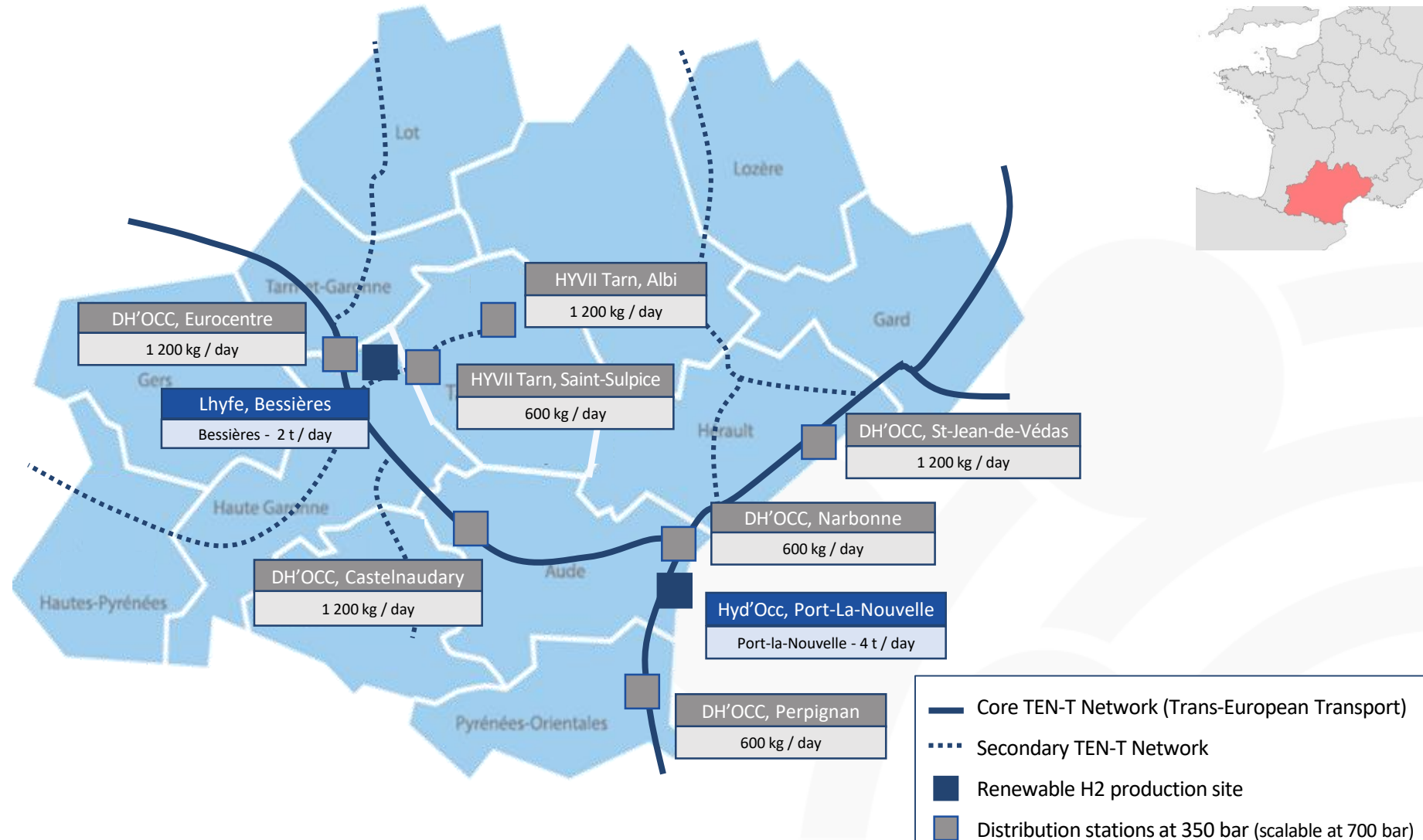
**2 renewable hydrogen production sites**, cumulative production capacity of 6 t/day

**HRS**

**7 hydrogen refuelling station**, of 600 to 1200 kg/day each

**END-USES**

- 40 trucks
- 62 refrigerated units for trucks
- 15 regional inter-urban buses



# A complex funding structure combining public grants, a loan and private investment

## European funding from:

- the **Connecting Europe Facility: 14.5M€** (grant via the Transport Blending Call)
- the **European Investment Bank: 40 M€** (loan obtained by Occitanie in December 2020)



## Public funding :

- **Occitanie region** through its Green Hydrogen Plan
- **AREC Occitanie Agency** (regional energy and climate agency): as a shareholder of the projects

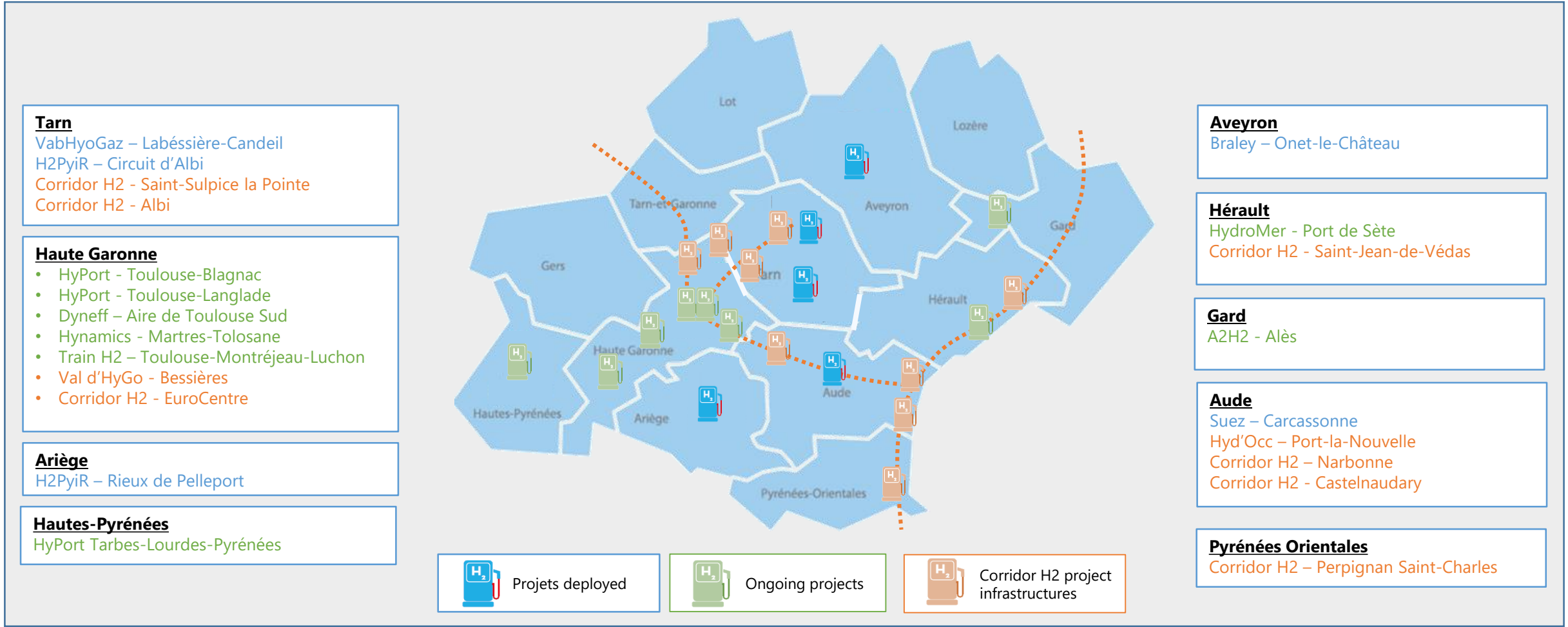


## Private funding: private investors, OEM stakeholders, chargers and transporters

This complex structure requires a coordinating entity with the ability to engage with all stakeholders during the development and delivery phases. This requires **political and technical support.**



# Mapping of major H2 projects deployment in Occitanie Region





**Thank you for your attention**

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