Occitanie, the Positive Energy Region
Occitanie Region, leader in the hydrogen sector

A sector supported for more than six years

- 2016: Regional study of hydrogen sector
- 2018: Launch of Occitanie Green Hydrogen support plan
  - 150 M€ from 2020 to 2030
- 2019: Launch of HyDeO animation tool
- 2020: Creation of the RHyO research group
- 2021: Launch of the H2 Corridor project
- 2022: Creation of GenHyO the hydrogen jobs and skills group
  - Supported by “France 2030”
Corridor H2 project in Occitanie is about tackling heavy road transports emissions

Launch the creation of a North-South European zero emission corridor for heavy road transport using renewable hydrogen and related technologies

All the players in the hydrogen value chain of the project:
- H2 technology suppliers
- H2 producers/distributors
- Transporters / Chargers
- Territories & Clusters

To replace fossil fuels for heavy mobility: hydrogen fuel cell propulsion for heavy tractors and other trucks (from 19 tons to 44 tons) and regional coaches as well as for refrigerated trailers

European financing from CEF (14,5M€) and European Investment Bank (a loan of 40M€), Private investors, equipment manufacturers, shippers and transporters. Complementary financing from the Regions and national organizations

Road transport is expected to increase by 82% between 2015 and 2050

30 million vehicles per year...
... including 9 million trucks

https://corridorh2.laregion.fr/en/home/
Corridor H2 in Occitanie: first regional cluster launched

INVESTMENT
110 M€ in total for project implementation by the end of 2024

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

HRS
7 hydrogen refuelling stations, of 600 to 1200 kg/day each

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

Core TEN-T Network (Trans-European Transport)
Secondary TEN-T Network
Renewable H2 production site
Distribution stations

DH'OCC, Eurocentre
1 200 kg / day
DH'OCC, Narbonne
600 kg / day
DH'OCC, Castelnaudary
1 200 kg / day
DH'OCC, Perpignan
600 kg / day

Lhyfe, Bessières
Bessières - 2 t / day

HYVII Tarn, Albi
600 kg / day

HYVII Tarn, Saint-Sulpice
600 kg / day

Hy'dOcc, Port-La-Nouvelle
Port-la-Nouvelle - 4 t / day

DH'OCC, St-Jean-de-Védas
1 200 kg / day

DH'OCC, Eurocentre
1 200 kg / day
DH'OCC, Narbonne
600 kg / day
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A complex funding structure combining public grants, a loan and private investment

European funding from:
- the Connecting Europe Facility: **14.5M€** (grant obtained by Occitanie 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

The successful outcome for the Corridor H2 project is due to the commitment of the Region Occitanie to drive the project (at political and technical level). 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.
What is the status of the project today?

**Call for projects for infrastructures**
- Production
- Supply
- HRS

1 session closed in 2022

**Call for interest for end-users**
- Trucks
- Refrigerated units

- 13 transporters selected for a total of 34 trucks until now (including 24 tractors)
- Transporters have secured subsidies and willing to invest if there is truck solutions available before the end of 2024
- The Region will open again soon the call for interest to get more transporters involved with trucks quotation

**New session coming soon in 2023**

- The call for projects has been closed and selected partners are in permitting process for production and distribution sites
- “Infrastructures partners” are members of a steering committee organised by the Region for projects follow up
- Occitanie Region is frequently in touch with EU for follow up as well

- Trucks or refrigerated unit fleet managers
- I express my interest in the project

- 2 sessions closed in 2022