

HYPOR

Design, finance, implement, operate and maintain green hydrogen ecosystems



Perimeter:

- Project carried by HyPort SAS, a company for the deployment of green hydrogen in the Occitanie region:
 - 51% ENGIE Solutions, 49% AREC (Agence Régionale Energie Climat Occitanie)
- ENGIE's expertise: ENGIE Solutions with its subsidiaries ECH2F and GNVERT – TRACTEBEL
- Agreement between Hyport, the Occitanie Region and the Toulouse Blagnac Airport

Carbon neutrality transition

- Duration: 26 years (from 2022)
- 1000 tons of CO2 avoided per year
- HYPOR's Toulouse project has received support from the Occitanie Region, ADEME and Europe through the JIVE2 program

Target

To create a territorial ecosystem in the Occitanie region to spread the use of hydrogen for both mobility and industry in order to limit their gas emissions.

Solutions

- Intervention as a promoter of territorial projects: project set-up, upstream expertise (marketing and prospecting), subsidy research, legal structuring, purchasing, engineering, financing and provision of hydrogen mobility services (energy integration of the hydrogen system, hydrogen vehicle rental, fleet management)
- 1 production unit: 430kg/day electrolyser producing 140 tons of H2/year for mobility and industries with renewable electricity
- 2 refueling stations:
 - 1 350 bar station on the Tarmac side (for 3 buses carrying passengers between the terminal, the planes and the parking lots)
 - 1 350 & 700 bar station on the Public side (for 2 Airbus buses for their inter-site journeys and 200 vehicles)
- Hydrogen can also be used by ground support equipment (tractors, loaders, shuttles, etc.)
- The station also provides green hydrogen for aeronautical and industrial applications



