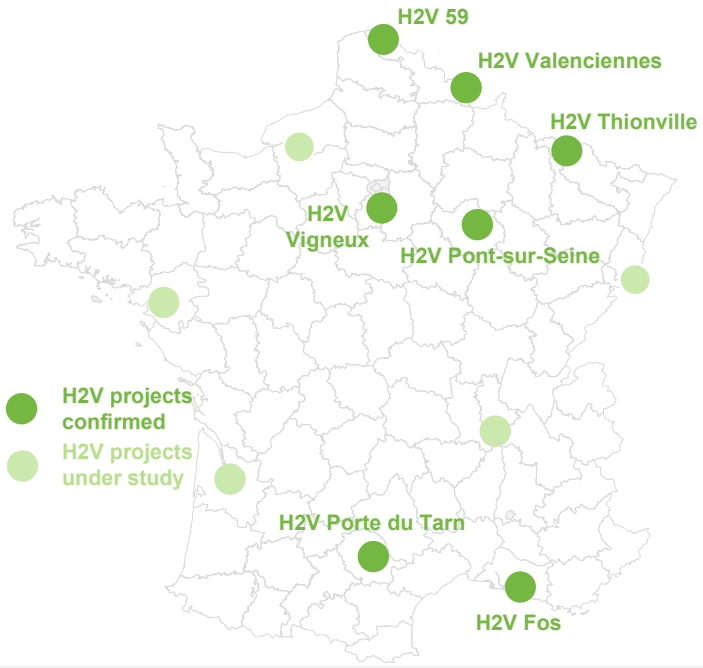
H2V Portes du Tarn project

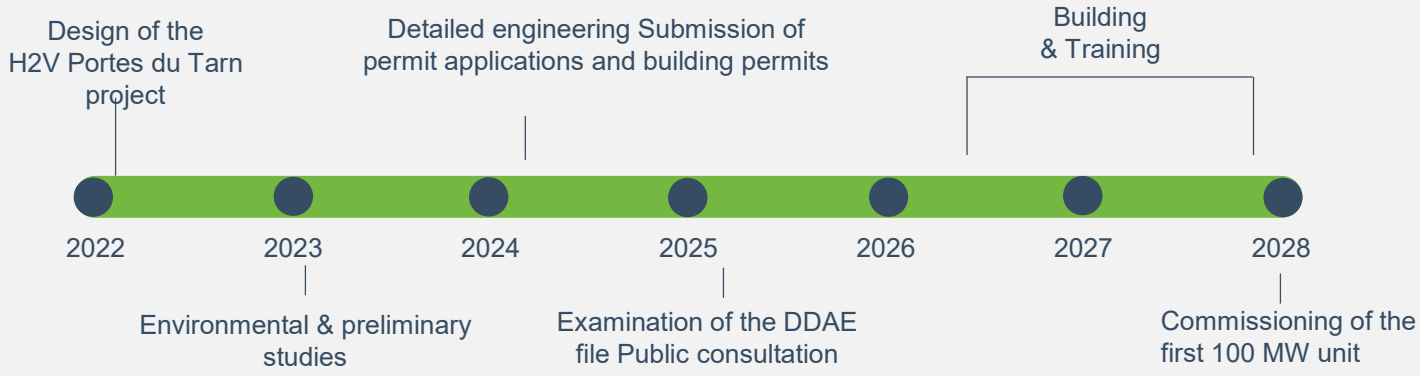
Renewable hydrogen Gigafactory in Occitania

Since 2016 H2V met the challenge of mass-producing renewable hydrogen to replace grey hydrogen, decarbonize industry and heavy mobility, the main CO_2 emitters. H2V has chosen to produce massively to optimize production costs and to develop a network of service stations to supply the entire country.

Located in the town of Saint-Sulpice La Pointe, within the Tarn Agout community of communes, H2V Portes du Tarn will supply the Toulouse Metropole area & the region of Occitania.

- 1 production unit of 100 MW
- **14 000 T** per year of renewable hydrogen
- Produced by water electrolysis
- Commissioning in 2028
- Creation of around 40 **direct** and 30 **indirect jobs**
- Investment of around **160 million euros**
- **140,000 tons of CO_2 avoided each year**, or the emissions of 80,000 cars





A project serving the sustainable mobility

H2V Portes du Tarn is located at the heart of a **strategic mobility zone**, with direct access to a couple of European motorways : Paris/Bilbao north-south axis and Toulouse/Bordeaux east-west axis.

It is closed to the international Toulouse Blagnac airport, the **5th French airport** in term of number of passengers in 2019.

Renewable hydrogen will supply the heavy mobility (trucks, trains, dumpsters…).

Involved in the energy transition since two decades, H2V will work on the using of **fatal oxygen and heat** in a circular economy oriented goal. For instance, H2V will reinject the roof rainwater in the electrolysis process.