



# Vector H, green hydrogen generation



SENER ENERGY / HYDROGEN AND CARRIERS / GREEN-HYDROGEN-GENERATION / SPAIN

*VECTOR H, GREEN HY-  
DROGEN GENERATION*

**Cliente: Vector H Extrema-  
dura, S.L.**

---

**País: Spain**

---

**Estado actual: Promotion  
and development**

---

Green Hydrogen generation project for mobility and blending in the natural gas transmission network, located in the Southwest European Logistics Platform in the municipality of Badajoz (Extremadura, Spain).

It is a 5MW H<sub>2</sub> production plant with an associated solar photovoltaic plant for self-consumption. The plant will serve several hydrogen refueling stations (HRS), where green hydrogen will be supplied to trains, heavy vehicles and light vehicles. It will also include an export to the natural gas network by blending green hydrogen with natural gas.

VECTOR H is currently in the permitting phase, with construction scheduled to start in the first half of 2024 and operation in 2026. The plant is expected to be in operation for 20 years.