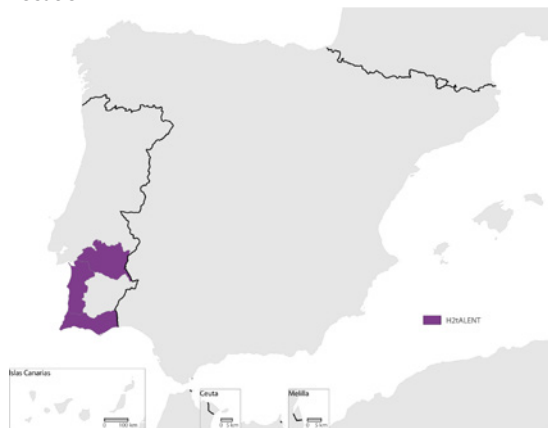


H₂tALENT

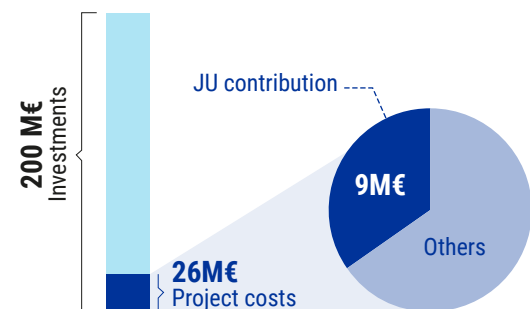
Alentejo Green Hydrogen Valley delivering integrated full-chain sustainable hydrogen ecosystem with technical, economic, social and environmental benefits and superior upscaling/replicability.

Project ID	101137611
PRR 2025	Pillar 6 – H ₂ Valleys
Call Topic	HORIZON-JTI-CLEANH2-2023-06-02
Coordinator Beneficiary	UNIVERSIDADE DE EVORA, PT
Project Period	01-03-2024 - 28-02-2029
Location	Portugal



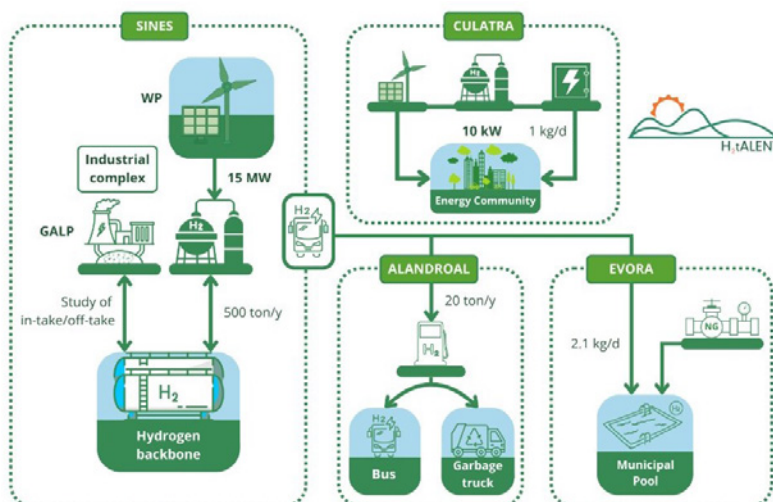
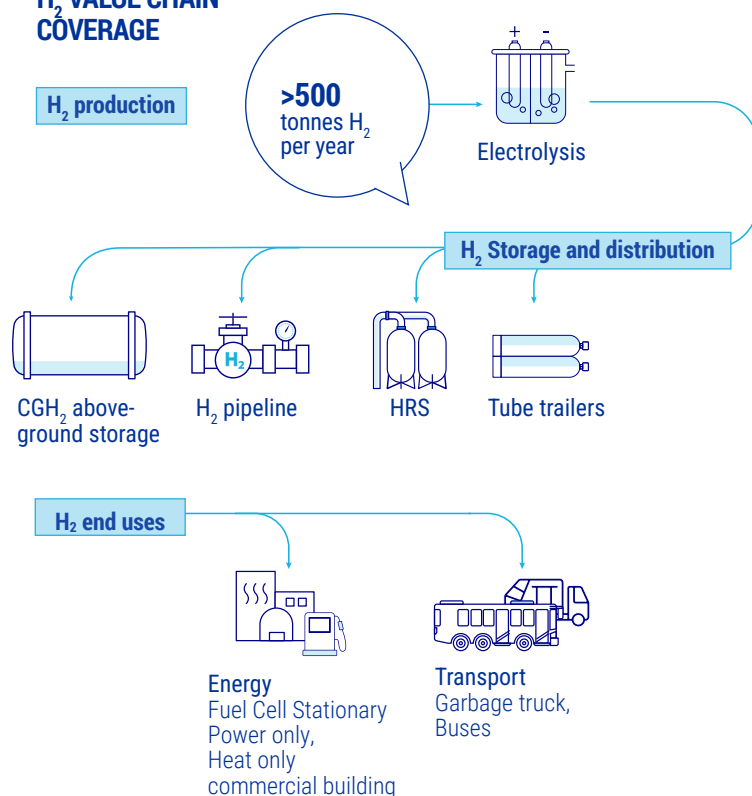
Administrative boundaries © EuroGeographics © IGN-FR © Turckat Cartography Sources: - H2tALENT, 03/2025

Finances

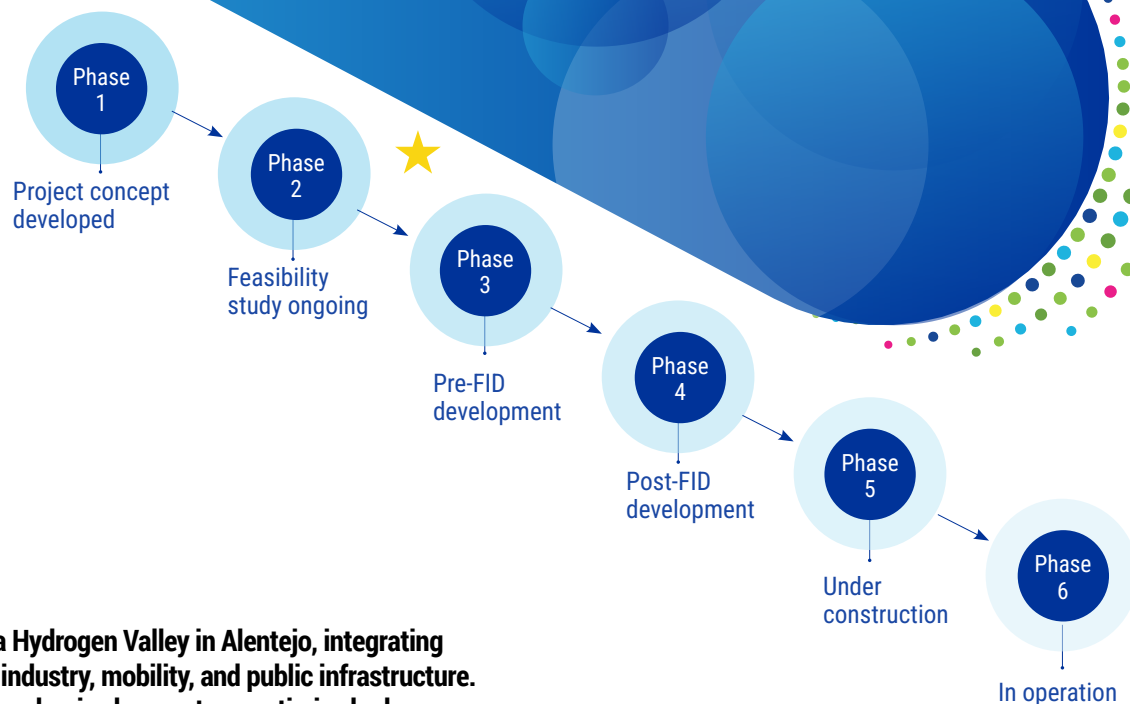


<https://h2talent.eu/>

H₂ VALUE CHAIN COVERAGE



PROJECT TIMELINE



H₂TALENT is creating a Hydrogen Valley in Alentejo, integrating “green” hydrogen into industry, mobility, and public infrastructure. The project aims to decarbonize key sectors, optimize hydrogen logistics, and establish models for hydrogen adoption in Europe.

PROGRESS, MAIN ACHIEVEMENTS AND RESULTS

- The project governance structure to ensure consortium cohesion was established.
- Preliminary hydrogen safety measures were developed.
- The project management and data management plans were submitted.
- Progress was made in the hydrogen logistics and system integration strategies.

FUTURE STEPS AND PLANS

- Implementation of hydrogen demonstrators in Évora, Alandroal and Culatra island, integration with the Sines hydrogen backbone, finalization of regulatory and safety assessments, optimization of hydrogen logistics and expansion of international collaboration for replication in other regions.