

- 1. Fusion Fuel at a glance
- 2. Technology
- 3. Project development pipeline in Portugal
- 4. Greengas project, Évora

01
Fusion Fuel





Manufacturer of HEVO micro-electrolyzers at scale

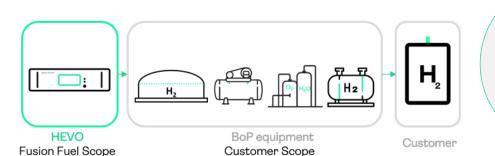
- Manufacturing facility in Benavente, Portugal
- Ramping capacity from ~25MW to 250MW by year-end 2024;
 500 MW end of 2025
- Continued R&D to improve performance and expand addressable market



1

Technology Sales

- Fusion Fuel as technology provider for project developers of HEVO production units and technical support
- Revenues from sale of hardware and after sales maintenance and monitoring

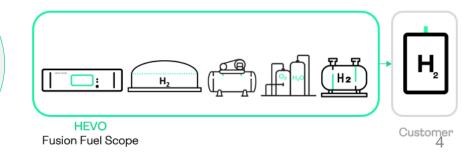


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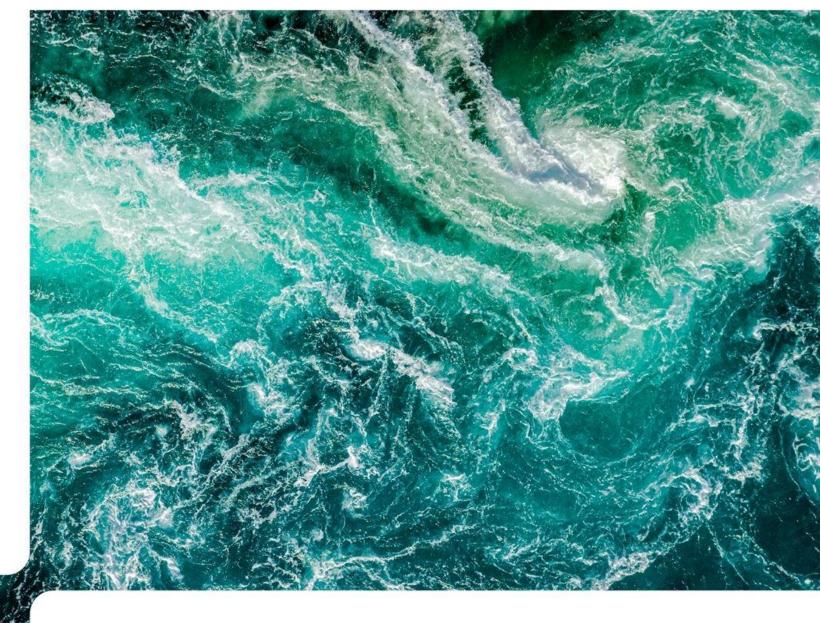
Accelerated deployment and adoption

Project Development and Production

- Fusion Fuel as project developer and operator, with scope including land securement, grant applications, licensing and permitting, EPC, and O&M
- Revenues from sale of clean hydrogen
- Potential gains from partial or total sale of projects



02 TECHNOLOGY



02 -HEVO TECHNOLOGY DEVELOPMENT

FUSION-FUEL™

We are committed to building on the competitive advantage of our HEVO technology, continually reducing system cost and complexity while improving the efficiency and productive capacity











HEVO 2020

• 1 bar of unit output pressure

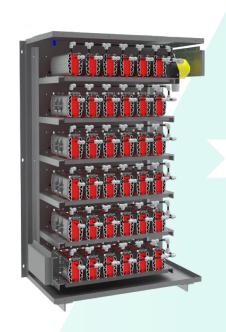


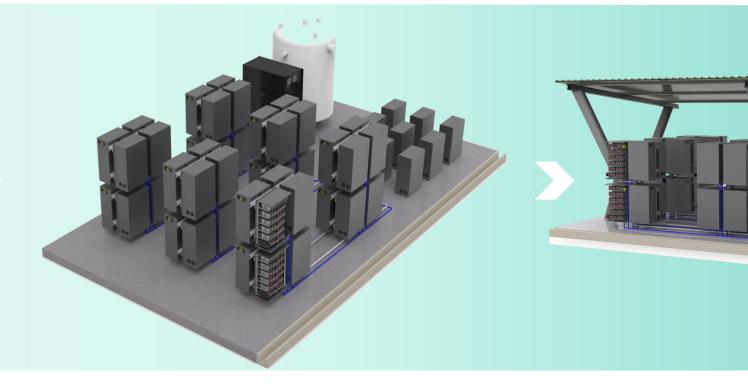
- 4-fold production increase per Hevo
- 1 bar of unit output pressure

HEVO 2022

- 6-fold production increase per Hevo
- 4 bar of unit output pressure
- ~12% increase in H₂ throughput
- ~50% reduction in cost vs. 2021

- HEVO 2023
- 8-fold production increase per Hevo
- 4 bar of unit output pressure
- Addl. increase in H₂ throughput
- ~20% reduction in cost vs. 2022





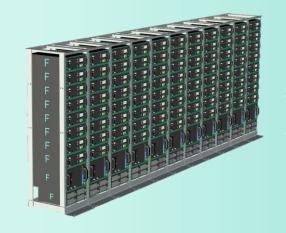
HEVO-Chain Hydrogen Unit 36 Hevo Devices HEVO-Chain H2 Unit 8 x 20 kW H2 Units **HEVO-Chain** Sizing 92 m²

HEVO-Chain Power











HEVO-Chain Hydrogen Unit 16 Hevo Devices **HEVO-Chain**Rack Unit
8 Hevo H2 Units

HEVO-ChainRack Module
20 Rack Units

HEVO-ChainContainer 20 feet
Container 40 feet

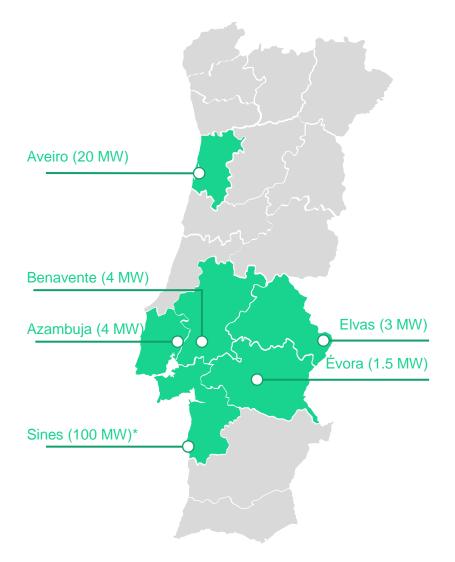


03 PORTUGAL PIPELINE



03 - PORTUGAL'S PROJECTS

FUSION-FUEL**



2 Pilot Projects

In Évora with signed HPA

+600 MW

Under development for mobility, industry and gas blending

100 MW

in Sines with COD 2026

4 mobility hubs

Azambuja, Benavente, Elvas, Torres Vedras

€50 million

Of grants secured

+300 ha

Land secured and more than 1400 ha under negotiation

04 GREEN-GAS



04 - GREENGAS - Layout

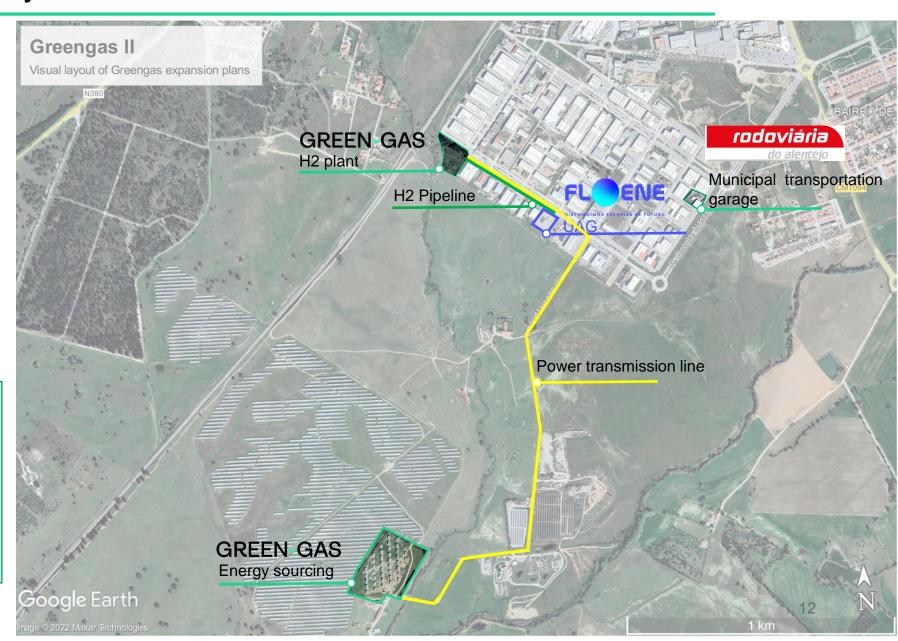
FUSION-FUEL™

Use cases of Greengas:

- Blending in the Floene gas grid
- Hydrogen Refueling Station
- Bottling of green H₂ at 500 bar.
- Two "Offtaking" agreements HPA
 - DouroGas "Blending in FLOENE"
 - Hydrogen Ventures "Mobility"
- Blending Agreement with Floene
- Connection to Grid end of 2023

800 kW of electrolysis

40 tons of green H2 per year





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Thank you!

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