



Towards an EU Roadmap for Hydrogen Valleys – Regional actors and their role: double the number of valleys by 2025 and build-up skills

Session 3: “Securing public financial support / public commitment/ state-aid and regulatory issues”

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About us

- Energy group based in Greece
- Founded in 1970
- One of the top refineries in Europe
- Largest privately owned industrial complex in Greece
- Exports in more than 75 countries



€4 bil.
Investments in
strategic sectors



92
Individual
companies



3.000
Permanent
employees



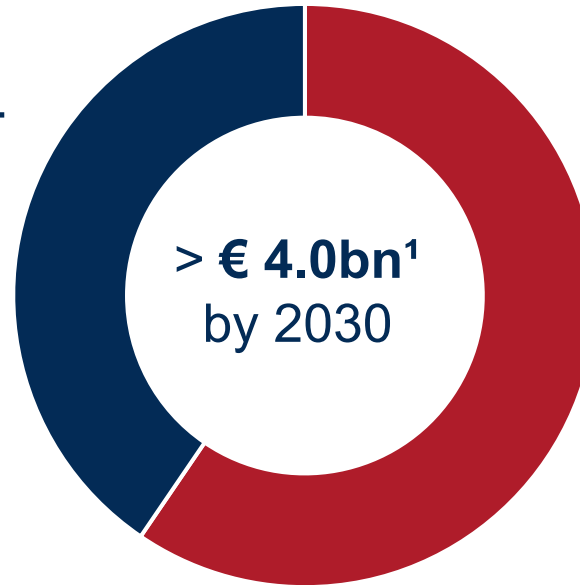
1.500
Gas stations

Executing One of the Largest Energy Transition Programs in South-eastern Europe

Maintenance & Resilience

- Facilities Maintenance
- Logistical Improvements
- Digitalisation
- Efficiency and HSSE projects

> € 1.5bn

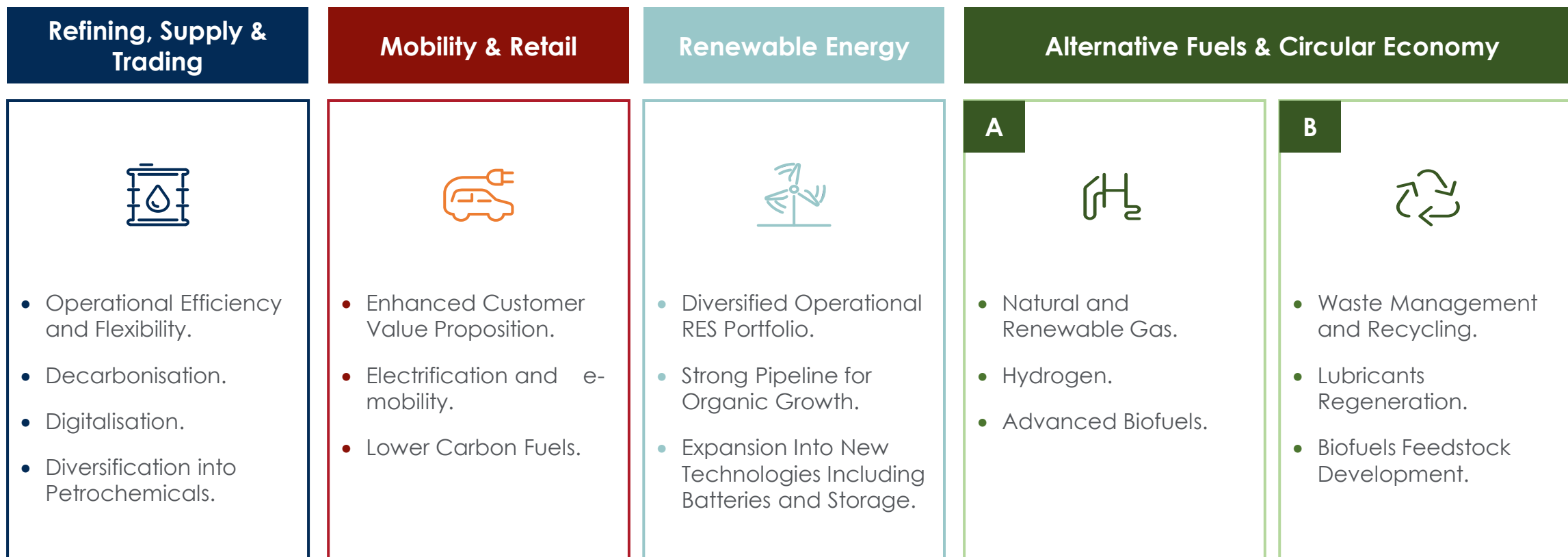


Growth & Energy Transition

- RES
- Petrochemicals
- Natural Gas
- Biofuels
- Hydrogen
- Decarbonisation

> € 2.5bn

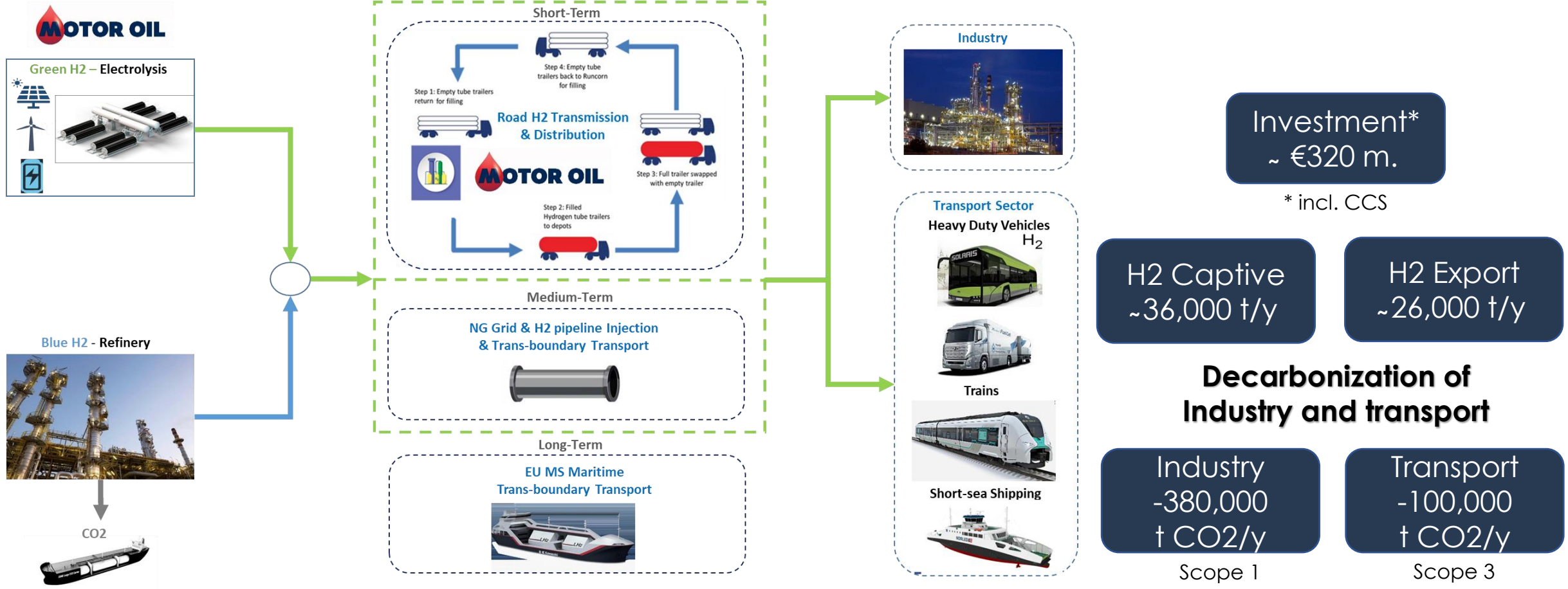
Strategic Pillars Guiding our Path Forward



Driving Growth and Change Across a Diverse, Multi-Energy Portfolio.

BLUE MED: The Path Towards a Low Carbon Energy Hub in East Med

Phased development of flexible, scalable and cost advantaged infrastructure for the production and distribution of Renewable & Ultra-low Carbon Hydrogen for use in industry and transport

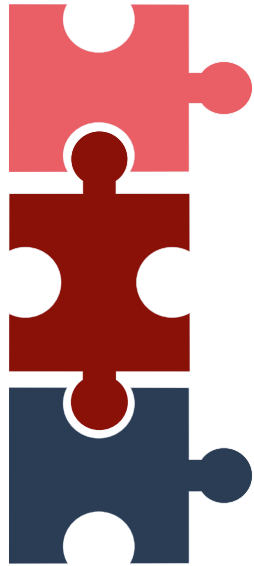




TRIÈRÈS - Towards the development of a hydrogen valley demonstrating applications in an integrated ecosystem in Greece



The purpose of TRIÈRÈS



Activate the development of a hydrogen market in the country of Greece and the Balkans regions and Eastern Mediterranean



Strengthen the visibility and improve the knowledge and the public awareness of strategic actors of the hydrogen value chain as well as the public perception of emerging Hydrogen ecosystems

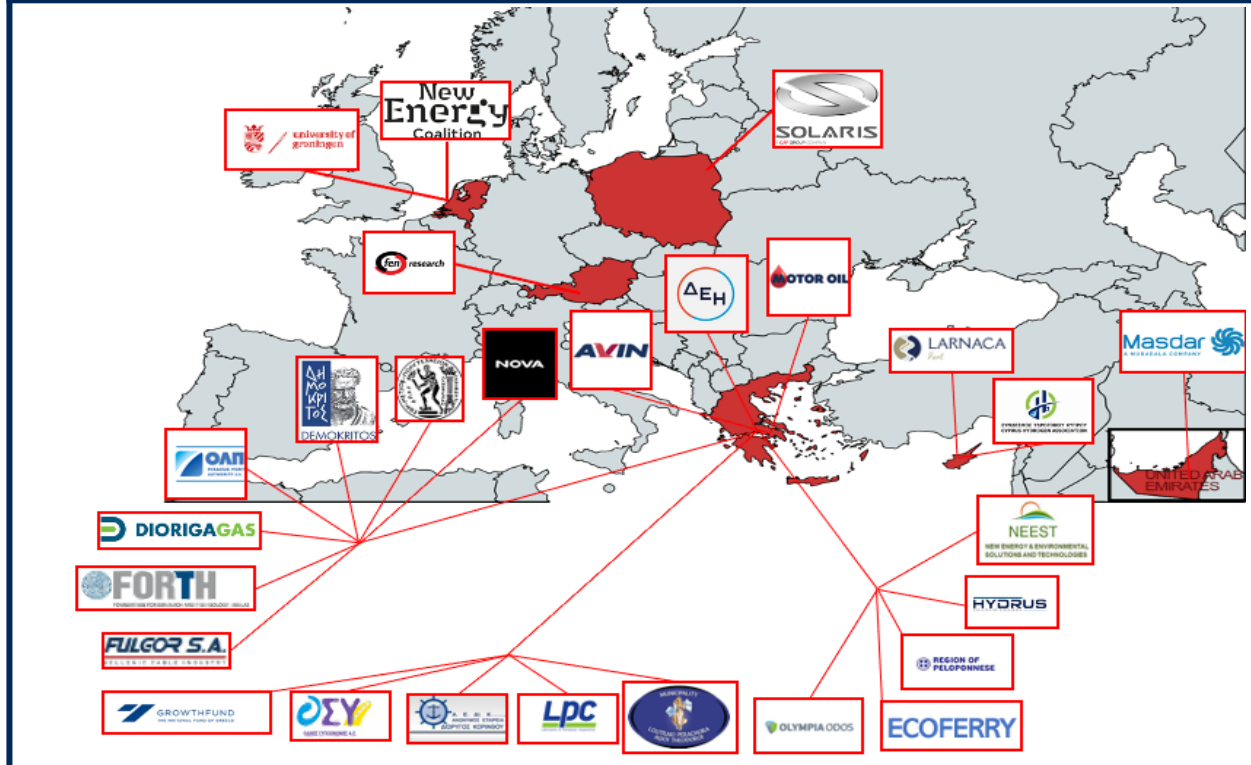


Add value to the current hydrogen knowledge curve and support its near future take off through state of the art scientific and socioeconomical investment

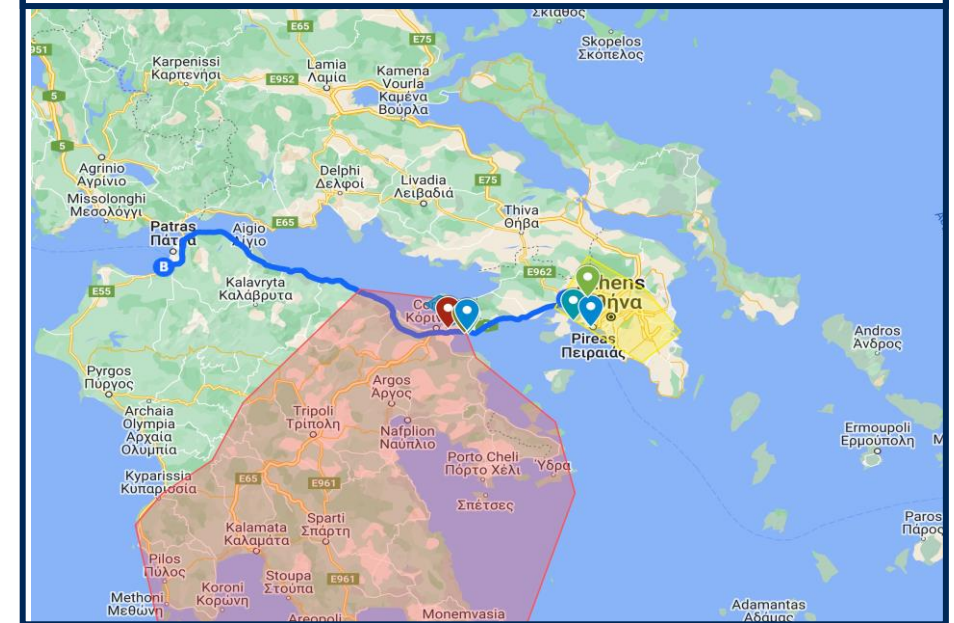


Strategic location

The 23 of the 27 partners have been actively involved in EU funded projects, some having served as coordinators. Therefore, the TRIĒRĒS consortium not only will it underpin its focus to the defined objectives and goals, but these will also be communicated to the highest degree.

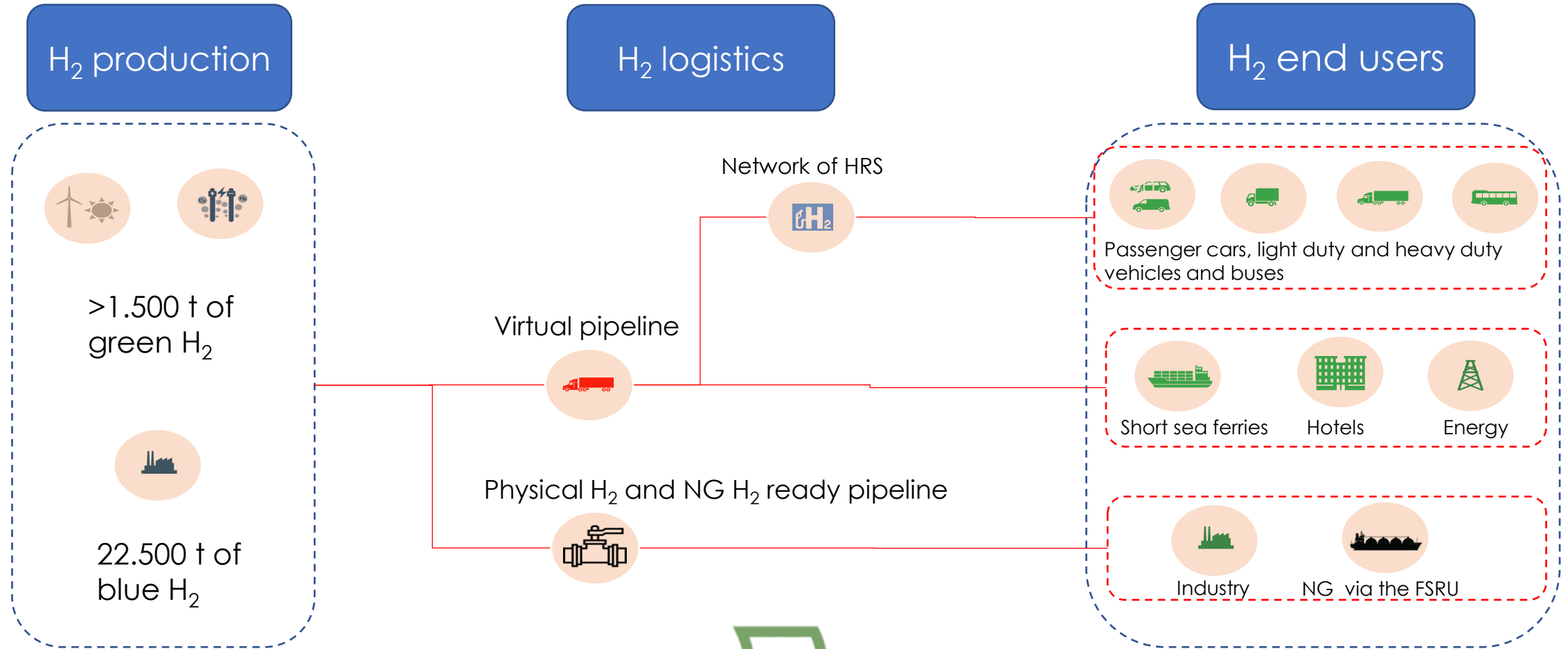


The first Greek H2 Valley creates a complete hydrogen ecosystem centered around the regions of Peloponnese, Western Greece, and Attica. The birth of the of the Valley is the refinery of MOH located in Agioi Theodoroi, Corinth, Peloponnese.



TRIERES project/Greek Small Scale Valley – HORIZON 2022

The well-balanced consortium consists of 27 partners from six different countries (GR, NL, CY, AT, PL, AE)



Partner engagement – TRIERES CONSORTIUM

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Industry



Road mobility



Energy



Shipping



Public authorities



Other Valleys



Research



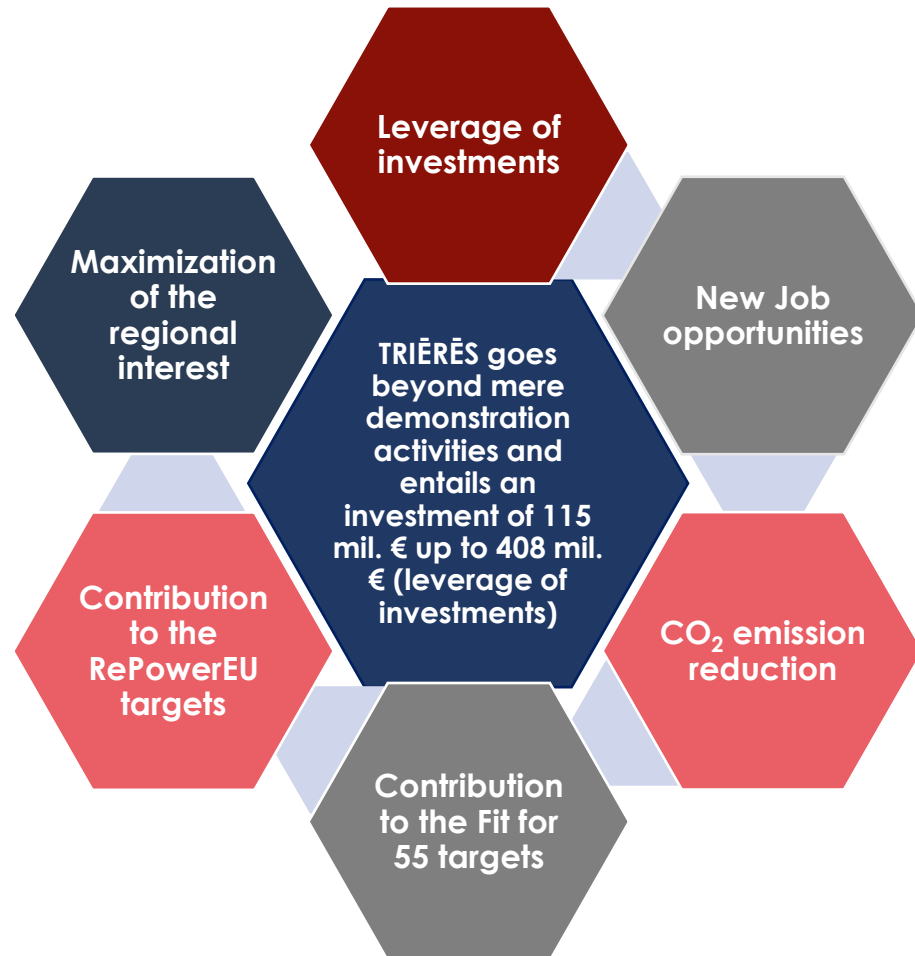
HSE & Operations



Creating new investments



TRIÈRÈS Valley will be a magnet for many investments and create new opportunities



8 mil. EUR
Initial Phase



408 mil. EUR
By 2028



TRIÈRÈS uses multiple financing sources

- TRIÈRÈS 's partners have a clear and structured plan to finance the investment within the Valley in line with state-aid rules.
- TRIÈRÈS grant will provide approximate 1% of the valley investment cost to set up the market and disseminate the results to attract more stakeholders.



Financing Source	TRIÈRÈS	Other Horizon Europe	Connecting Europe Facility	Recovery and Resilience Facility	Loans	Equity	Total
Sum (mil. EUR)	4.110.000 €	23.872.513 €	13.000.000 €	25.050.000 €	199.630.000 €	143.402.987 €	408.815.500 €
% of Total investment	1%	6%	3%	6%	49%	35%	100%



MOH H2 FUNDING STRATEGY



EU and National Regulatory/Funding/State Aid H2 related Mechanisms and Regimes

Major EU Funding Instruments

- Innovation Fund
- CEF Energy & Transport
- Horizon Europe (Clean Hydrogen Partnership)
- EU Catalyst Partnership

Major EU/National Co-Financing Instruments

- Resilience and Recovery Plan
- REPowerEU
- NSRF
- Just Transition Development Fund
- Strategic Investments Law
- Development Law

EU/National State Aid Regimes

- IPCEI
- CEEAG

Lack of National Hydrogen Strategy and Regulatory Framework (ex. H2 transportation)

Scarcity of national funding mechanisms and incentives for H2 value chain

Extremely competitive and demanding EU funding regimes for large investments (Innovation Fund)

Uncertainty of requirements and conditions (ex. additionality), long procedures of EU state aid regimes (IPCEI, CEEAG)

BUT: Clean Hydrogen Partnership acting as a true catalyst for investments in H2

**Thank you for
your attention!**

