Motor Oil (Hellas) Group

BLUE MED Hydrogen IPCEI Project

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CONFIDENTIAL

Motor Oil Group Strategic Pillars

Continuous Investment Strategy





Solid investment plan to support strategic growth





Lubricants Recycle & Regeneration



Motor Oil's Vision and Plan as Hydrogen Supplier



BLUE MED – H2 IPCEI Project by Motor Oil

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

- > Umbrella Program demonstrating a South Hydrogen Valley in Greece
- > Fosters complementarity and synergies through extensive network of collaborations
- > Duration 4-5 years Full deployment end-2025



Regulatory Framework

- Swift creation of a **Regulatory Framework** is key for the development of Hydrogen value chain
- Hydrogen IPCEI projects provide an opportunity for knowledge dissemination, technology replication and regulatory alignment across the European hydrogen value chain
- The framework required for BLUE MED development (& other projects) comprises:
 - Compression and storage of high-pressure hydrogen (>200 bar) at industrial sites
 - Transport of high-pressure hydrogen (>200 bar) through national roads
 - Storage of high-pressure hydrogen (>200 bar) at gas stations
 - Transport, storage and use of high-pressure hydrogen (>200 bar) at ports
 - Supply and distribution of Hydrogen
 - Use of high-pressure hydrogen in heavy duty vehicles and buses (350 bar) and in maritime
 - Permitting for hydrogen production and storage installations as well for supply and distribution
 - Specifications and regulations for hydrogen injection in Natural Gas network
 - Regulatory alignment of areas and infrastructure with emphasis on gas and power infrastructure
 - Compatibility of hydrogen installations with other conventional fuels
 - Purity of fuels supplied, supply methodology and categories of supplied vehicles
 - Requirements of Technical Inspections, the necessary certifications and the appropriate control bodies
 - The design of control mechanisms for smuggling (analogous to inputs outputs in liquid fuels)
 - Extension of guarantees of origin for hydrogen incentives and state aid issues



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Thank You

At Motor Oil Group we are moving responsibly towards a sustainable future. Shaping the future of energy.





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