

27^ο Εθνικό Συνέδριο "Ενέργεια και Ανάπτυξη 2023"

IENE

Ο Ρόλος της Καινοτομίας και των Startup Companies στην Ελλάδα

Κωνσταντίνος Χατζηφώτης, EU Affairs Manager, Motor Oil Group

www.moh.gr | Νοέμβριος, 2023



MOH @ a Glance

- 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

Full-year 2022 | Highlights

Turnover

€ 16.6bn
+62% y/y

EBITDA

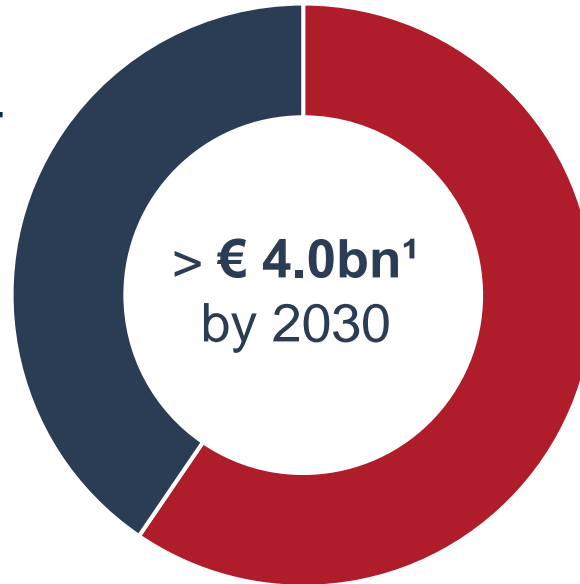
€ 1,693m
vs. 490m in FY21

Executing One of the Largest Energy Transition Programs in the Region

Maintenance & Resilience

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

> € 1.5bn



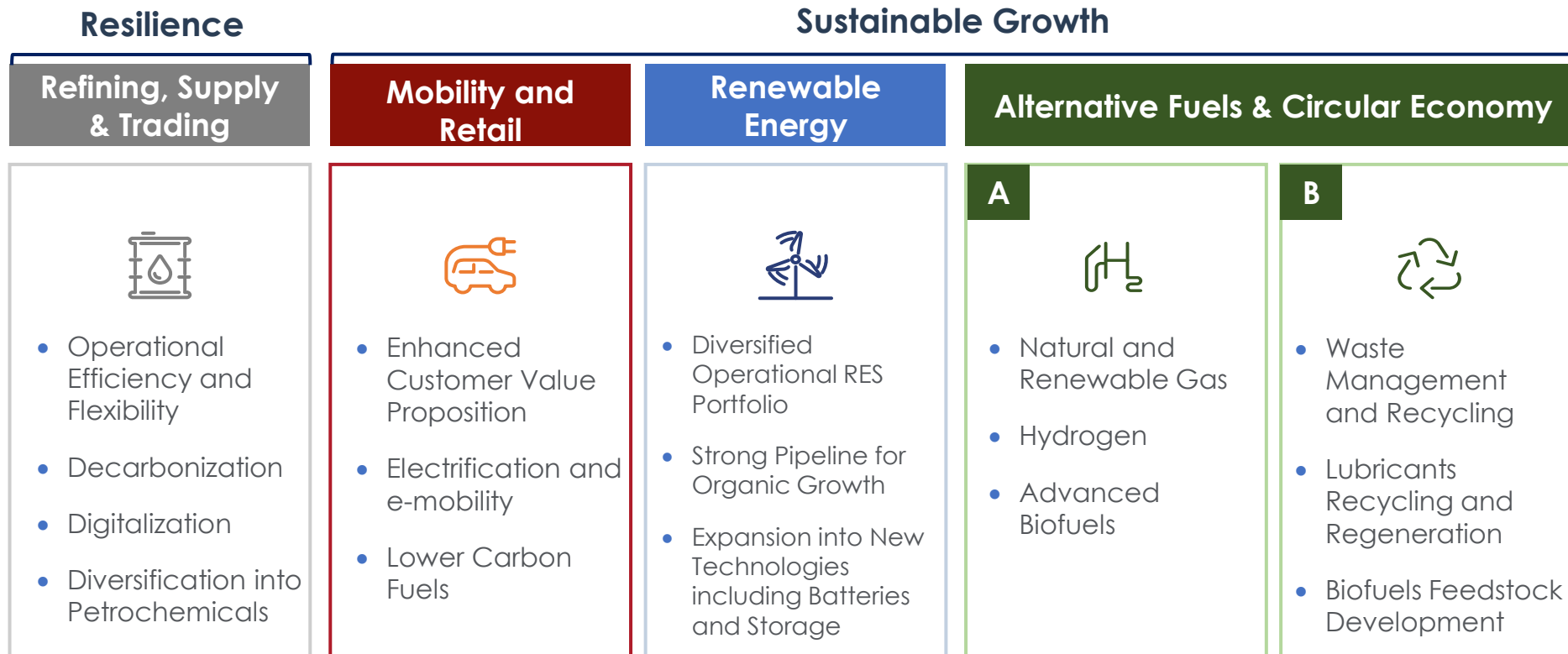
Growth & Energy Transition

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

> € 2.5bn

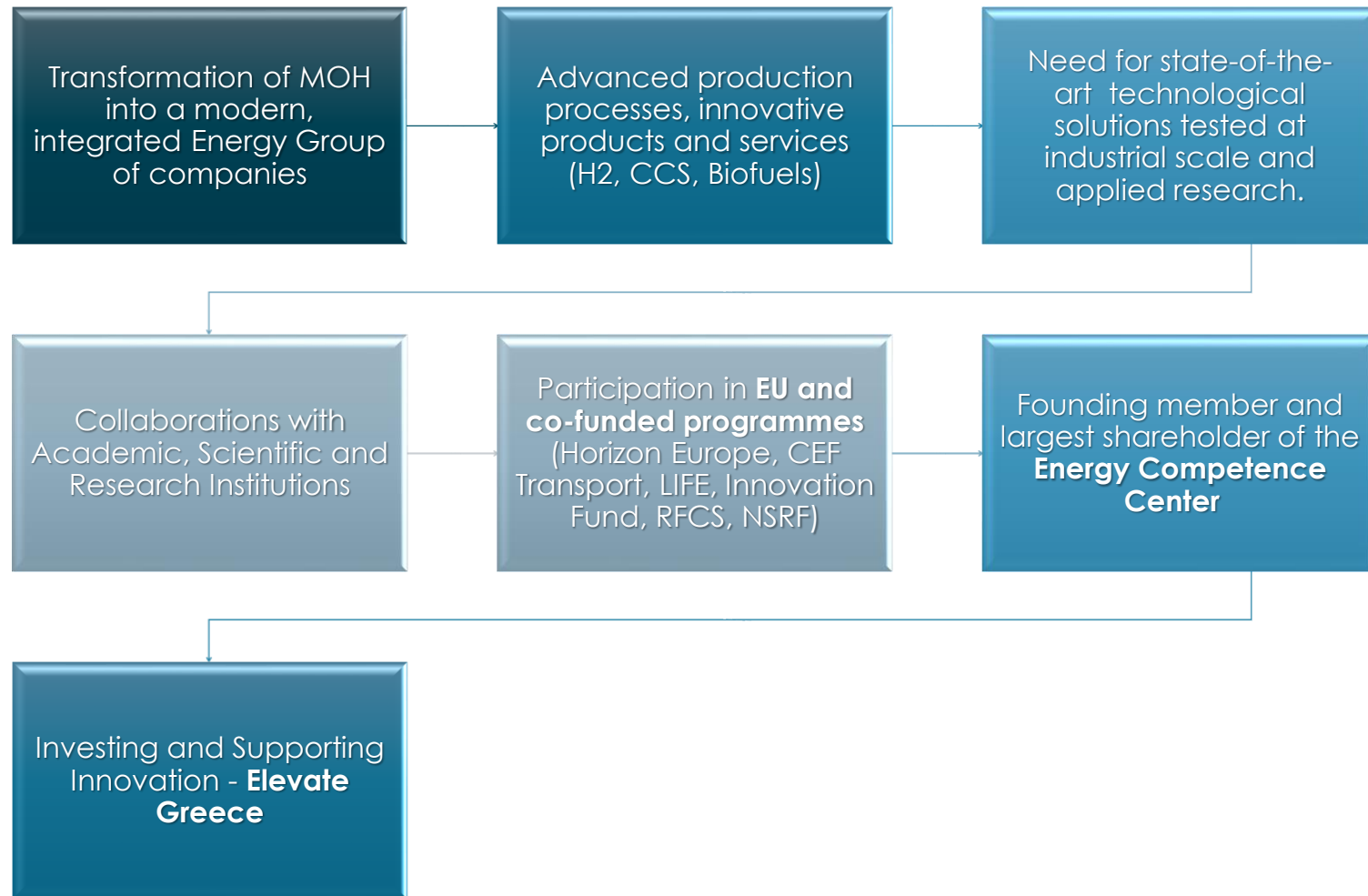
MOH – Strategic Pillars Guiding our Path Forward

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



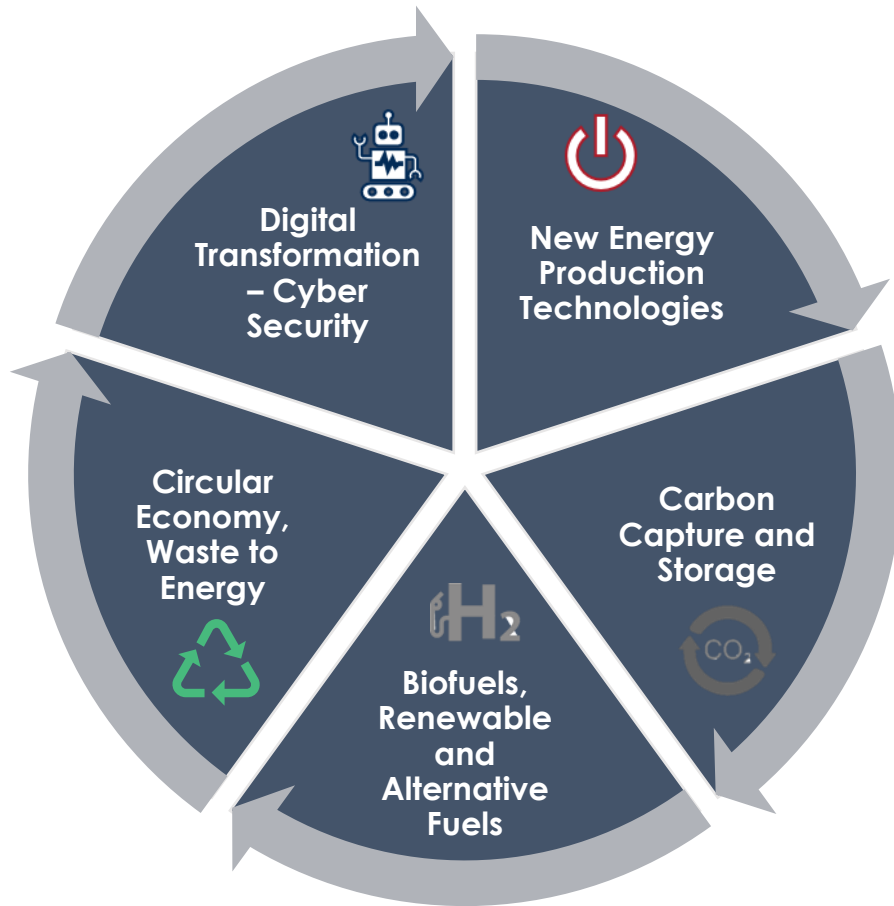
Executing One of the Largest Energy Transition Programs in the Region of >€ 4.0bn by 2030

Taking advantage of RnD to accelarate MOH energy transition



Committed to collaborate with domestic RnD ecosystem

Main areas of research and innovation activity



Cooperation with domestic Scientific and Research Institutions

NTUA – National Technical University of Athens

NKUA - National and Kapodistrian University of Athens

AUEB – Athens University of Economics & Business

UNIPI – University of Piraeus

AUTH – Aristotle University of Thessaloniki

UOP – University of Patras

TUC – Technical University of Crete

UTH – University of Thessaly

HMU – Hellenic Mediterranean University

FORTH - Foundation for Research and Technology Hellas

ATHENA RC

CERTH – Center for Research & Technology Hellas

NCSR “DEMOKRITOS”

Institute of Geodynamics

GRNET

Valorisation of various EU and national funding sources



15 Horizon 2020/Horizon Europe projects



3 Connecting Europe Facility projects



2 Digital Europe projects



1 Innovation Fund – Large scale project



6 Research and Innovation projects

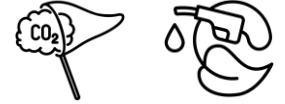


1 project under Synergies of R&I in the Region of Attica



8 projects of Hellenic Energy Competence Centre

Focus on Green Transformation/Hydrogen projects



EPHYRA - Establishing European Production of Hydrogen from Renewable energy and integration into an industrial environment

TRIERES - Towards the development of a hydrogen valley demonstrating applications in an integrated EcoSystem in Greece

REA - Construction of an HRS for passenger, light-duty and especially long-haul heavy-duty vehicles in Agioi Theodoroi (Corinth, Peloponnese, Greece)

REAH2 - Construction of a HRS for passenger cars, light-duty and heavy-duty vehicles in Akrata (Achaia, Western Greece)

CLEA - Construction of electricity recharging stations with super chargers along the TEN-T road network in Greece

IRIS - Innovative low carbon hydrogen and methanol production by large scale carbon capture

GA No: 101112220

GA No: 101112056

GA No: 101079451

GA No: 101119200

GA No: 101079449

GA No: Under GA preparation, signature by 15 Dec 2023



DURATION 60 MONTHS
Start: 01 June 2023
End: 30 May 2028



DURATION 58 MONTHS
Start: 01 July 2023
End: 30 April 2028



DURATION 28 MONTHS
Start: 01 November 2021
End: 29 February 2024



DURATION 31 MONTHS
Start: 01 April 2023
End: 31 October 2025



DURATION 31 MONTHS
Start: 01 November 2021
End: 30 April 2024



DURATION 168 MONTHS
Start: 01 January 2024
End: 30 June 2037



BUDGET
Total eligible costs
24 631 840.00€



BUDGET
Total eligible costs
10 492 431.25€



BUDGET
Total eligible costs
2 910 984.00€



BUDGET
Total eligible costs
3 401 170.00€



BUDGET
Total eligible costs
2 790 000.00€



BUDGET
Total eligible costs
210 000 000.00€



FUNDED UNDER
Horizon Europe, Clean Hydrogen JU



FUNDED UNDER
Horizon Europe, Clean Hydrogen JU



FUNDED UNDER
Connecting Europe Facility



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FUNDED UNDER
Innovation Fund / Large scale Projects



CONSORTIUM
10 partners from 7 countries



CONSORTIUM
26 partners from 5 countries



CONSORTIUM
AVINOIL



CONSORTIUM
AVINOIL, MOTOR OIL



CONSORTIUM
AVINOIL, CORAL



CONSORTIUM
MOTOR OIL