

# **Strategy and Outlook – Targets 2030** Evolving Into A Regional Diversified Energy Leader

November 2022

### **Table of Contents**

- 1. Introduction
- 2. One of the Largest Energy Transition Programs in the Region
- 3. A Resilient Core Business Powered by a State-of-the-Art Refining Asset
- 4. Beyond Decarbonisation
- 5. Financial Outlook





**1. Introduction** 

### **MOH Principles of Action**







Our Principles guide our actions and support our energy transition journey

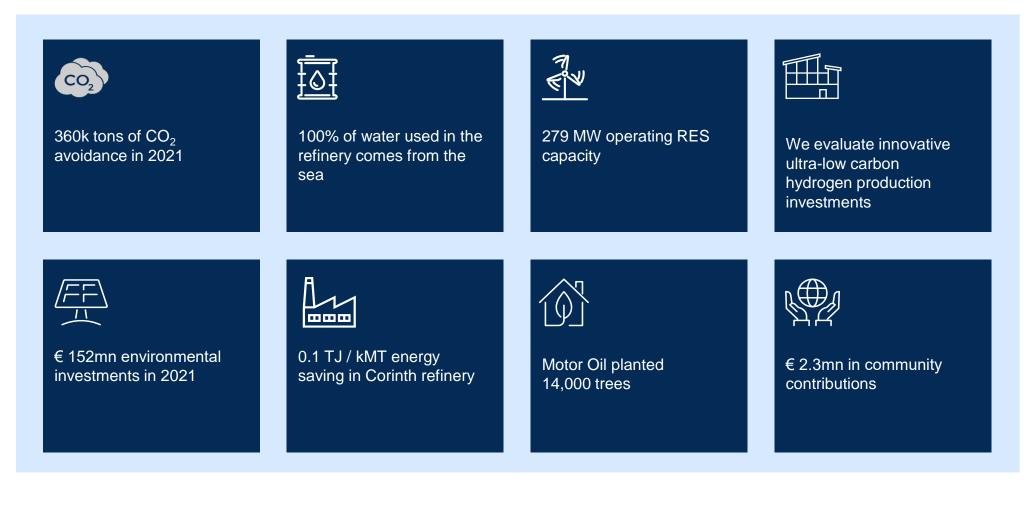


### A Holistic Approach Towards Sustainable Growth



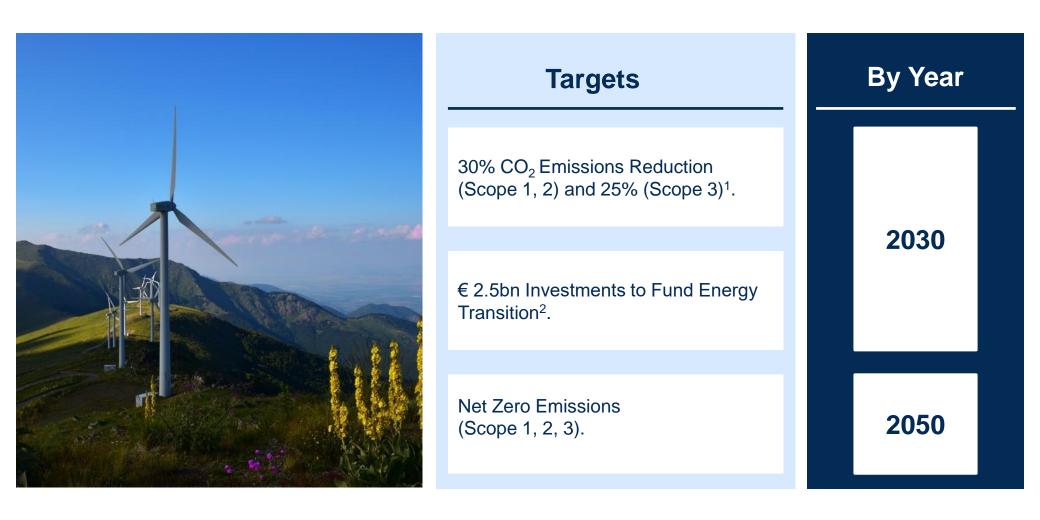


### We Have Already Made Significant Progress...





## ...Committing to Net Zero by 2050...



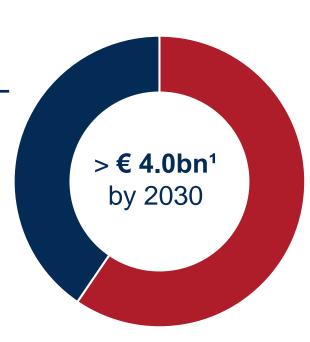
Notes: 1. From 2021 base year. 2. Excluding Maintenance and Resilience project capex and including Energy Transition acquisitions.



...and Executing One of the Largest Energy Transition Programs in the Region

### Maintenance & Resilience

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



# Growth & Energy Transition

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

### > € 2.5bn



# > € 1.5bn

Notes: 1. Including Energy Transition acquisitions.

# Our Path Forward is Realised Through our Strategic Pillars

Refining, Supply & Trading	Mobility & Retail	Renewable Energy	Alternative Fuels & Circular Economy		
<u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u>	Ē	To W	A JH	B	
<ul> <li>Operational Efficiency and Flexibility.</li> <li>Decarbonisation.</li> <li>Digitalisation.</li> <li>Diversification into Petrochemicals.</li> </ul>	<ul> <li>Enhanced Customer Value Proposition.</li> <li>Electrification and e-mobility.</li> <li>Lower Carbon Fuels.</li> </ul>	<ul> <li>Diversified Operational RES Portfolio.</li> <li>Strong Pipeline for Organic Growth.</li> <li>Expansion Into New Technologies Including Batteries and Storage.</li> </ul>	<ul> <li>Natural and Renewable Gas.</li> <li>Hydrogen.</li> <li>Advanced Biofuels.</li> </ul>	<ul> <li>Waste Management and Recycling.</li> <li>Lubricants Regeneration.</li> <li>Biofuels Feedstock Development.</li> </ul>	

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

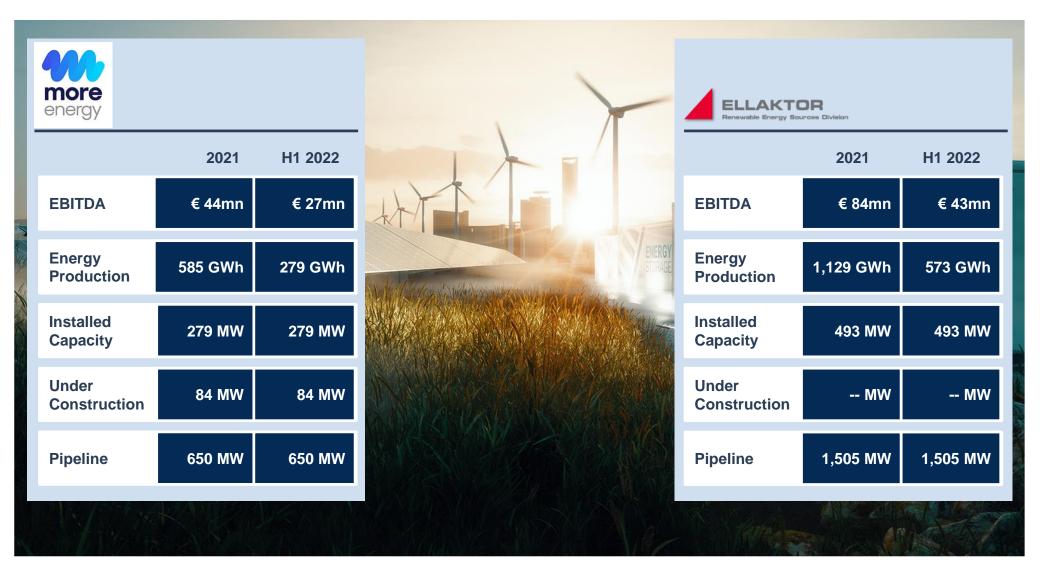






2. One of the Largest Energy Transition Programs in the Region

# Aspire to Become a Regional Renewable Energy Leader



Notes: 1. In September 2022, Motor Oil Group approved the transaction between MORE and ELLAKTOR for the acquisition of the 75% of the Renewable Energy Sources division. The approval of this transaction is followed by the signing of the relevant draft Purchase Agreement and the draft Shareholder Agreement between the two Companies. The enterprise value for the renewable energy segment has been agreed at € 975mn.



# Terms of the Ellaktor RES Transaction

### **Deal Characteristics**

**Timeline** 

- 1. Ellaktor to **spin-off its RES segment** into a fully-owned subsidiary.
- 2. MORE acquires a **75% controlling stake** in Ellaktor RES subsidiary.
- 3. Enterprise value of the transaction agreed at € 975mn.
- 4. MORE payment for the acquisition of **75%** share capital is **c. € 370mn**.

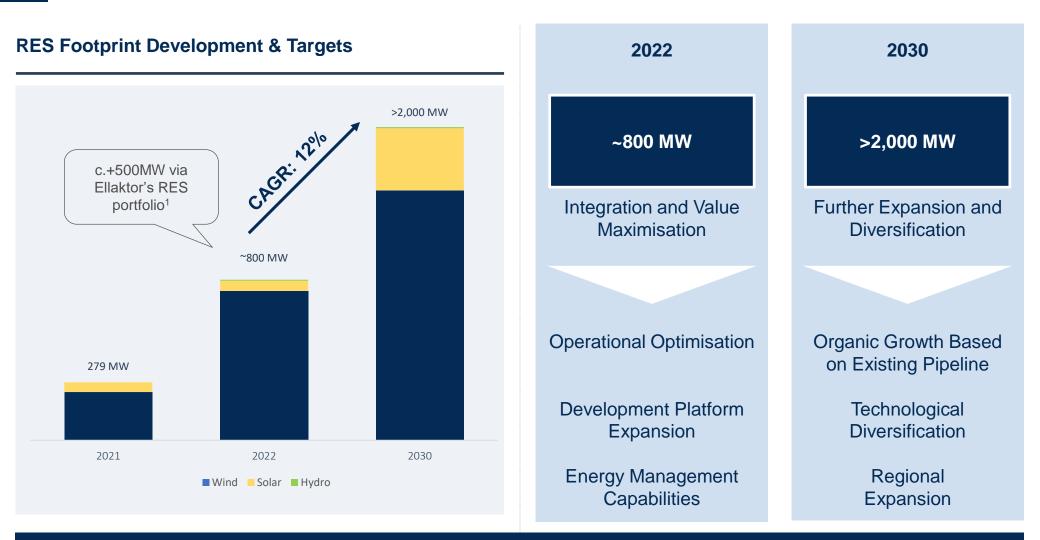


### **MOH** and Ellaktor BoD Reggeborgh **MOH BoD Execution of** Ellaktor MOH Approval Agreement **Final SPA** Approval Closing EGM EGM 6 May 1 Aug Expected 8 Sep 3 Aug 26 Aug 8 Sep 2022 by YE 2022<sup>(1)</sup> 2022 2022 2022 2022 2022

Notes: 1. Following approval by the Hellenic Competition Commission, the transaction is subject to the fulfilment of other contractual obligations, such as the Spin-Off of the RES Segment from Ellaktor.



# Expansion Plan of Renewable Footprint



We continuously explore options to expand, including inorganically with selected strategic acquisitions.

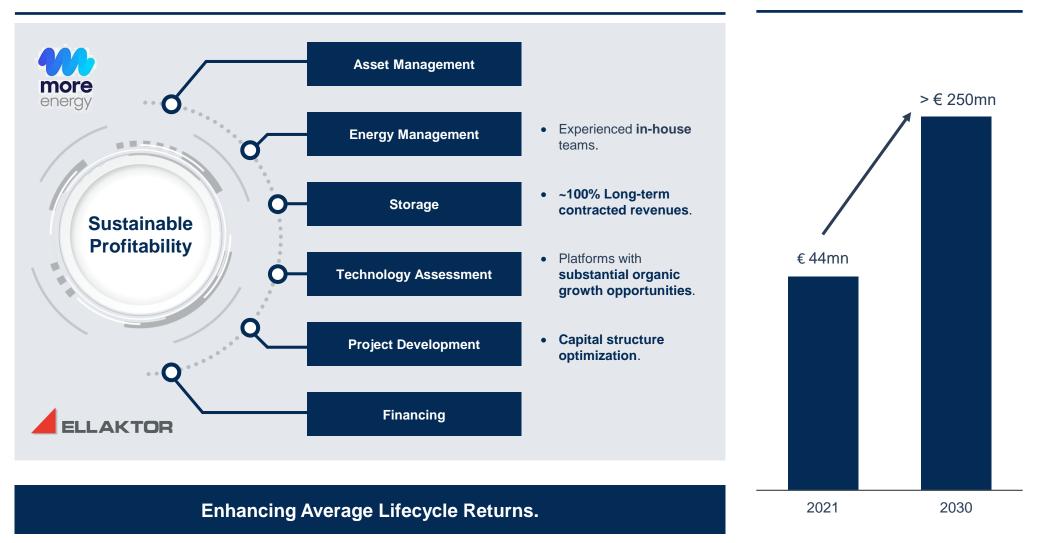
Note: 1. Increase c.+500MW following the closing of the announced acquisition of a 75% stake in Ellaktor's RES portfolio. Figures appear on a consolidated basis.



# Attractive Integrated Business Model

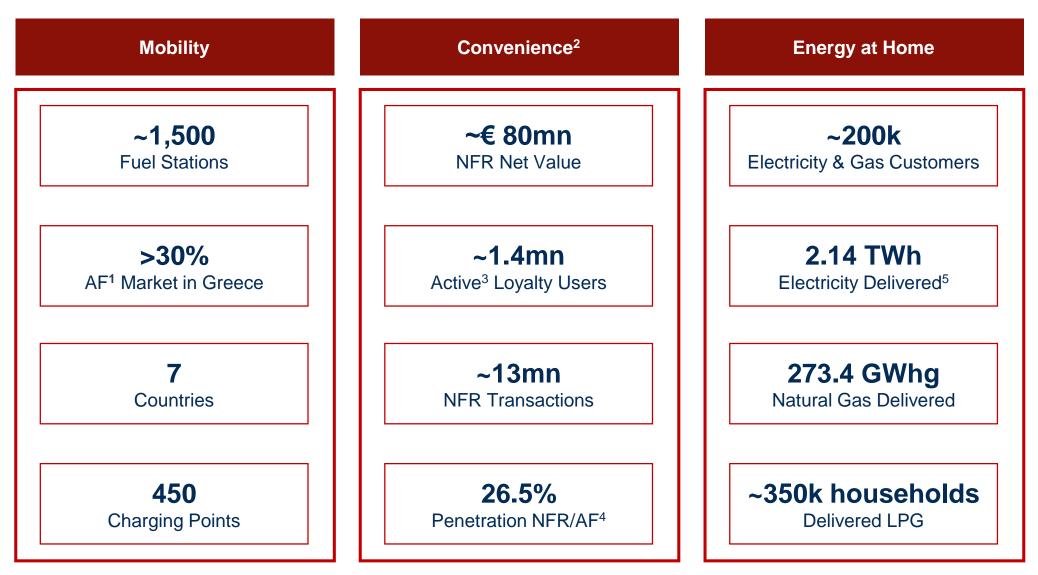
### **Integrated Operating and Development Model**

### **RES Profitability (EBITDA)**





# Providing Energy Solutions Across Customer Needs



Note: 1. Automotive fuels 2. Company owned network AVIN & Coral 2021. 3. Activity is defined a transaction in a 3-month period. 4. As a proxy for number of AF customers also completing an NFR transaction. 5. Residential and industrial customers.



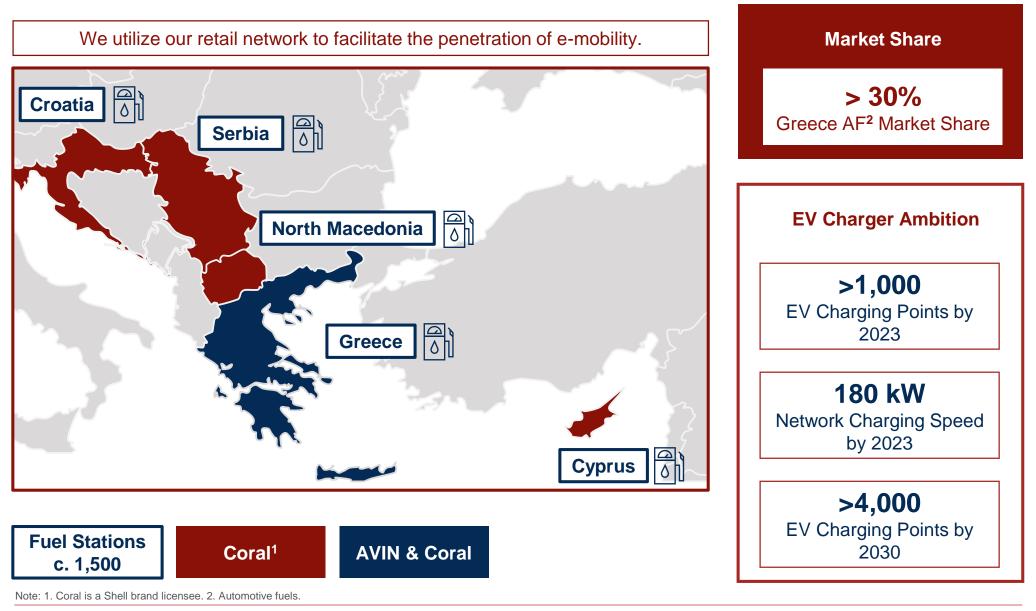
# Sustainable Mobility

1.	2.	3.	Mobility & New Technologies Segment <sup>1</sup> Performance		
Network Optimisation & Selective Expansion	<ul> <li>Better Customer &amp; Brand Experience</li> <li>Full range of fuel product</li> </ul>	Electricity & Lower- Carbon Fuels <ul> <li>Ongoing EV charger roll-</li> </ul>		2021	H1 2022
<ul> <li>Efficiency improvements from network synergies and best practices.</li> </ul>	<ul> <li>offering, including premium fuels.</li> <li>Focus on non-fuel product &amp; service</li> </ul>	<ul> <li>out strategy powered by nrg incharge.</li> <li>Wide network covering urban areas and all</li> </ul>	Total Sales	€ 3,990mn	€ 2,663mn
<ul> <li>Regional network expansion on the basis of strict commercial criteria.</li> <li>Site carbon footprint reduction initiatives.</li> </ul>	<ul> <li>offering and customer experience.</li> <li>Best-in-class loyalty scheme with digital offerings (e-shop).</li> </ul>	<ul> <li>Alternative and renewable fuels offering expansion including CNG.</li> </ul>	EBITDA	€ 95mn	€ 105mn
	<ul> <li>Partnerships with leading retailers across categories.</li> </ul>	<ul> <li>First hydrogen refuelling station by 2024.</li> </ul>	Simplified Cash Flow <sup>2</sup>	€ 27mn	€ 84mn

Note: 1. Includes Coral Group, Coral Gas Group, AVIN, Makraion, nrg. 2. Calculated as EBITDA - Capex.



# Developing Modern Mobility Infrastructure Across the Region





# Creating Future Customer Destinations





Car wash 📛

Plato

incharge

Anrg

**AVIN** 

**OTOR OIL** 

κερδίζω



# Integrated Across the Value Chain in EV Charging



Note: 1. Fully owned MOH subsidiary. 2. 60% nrg ownership.



# Bome Energy Solutions Powered by nrg

Integrated energy supplier, offering electricity and gas to household, commercial and industrial customers in Greece.

Fourth largest independent electricity provider in Greece.

Fast growing portfolio of customers.

Complementary services for e-mobility, net metering, smart home.









# Additional Areas for Sustainable Growth



### Alternative fuels

- 1. Natural & Renewable Gas.
- 2. Low Carbon Hydrogen.
- 3. Biofuel Production.

Β

### **Circular Economy**

- 1. Lubricant Regeneration.
- 2. Biofuel Feedstock Development.
- 3. Recycling, Waste & Wastewater Management.

### Key Figures (2021)

### Pro Forma Revenues<sup>1</sup>

€ 172mn

### Pro Forma EBITDA<sup>1</sup>

€ 16mn

Notes: 1. Pro Forma 2021 EBITDA for Circular Economy, including Thalis, Verd, Prasino Ladi and LPC.



# Gas Projects to Contribute Towards Energy Security & Transition



Komotini CCGT<sup>1</sup>



DIORIGAGAS FSRU<sup>3</sup>

Project Characteristics	<ul> <li>Most efficient gas-fired power plant in Greece (~64%).</li> <li>c.877 MW gross power output.</li> <li>75% CO<sub>2</sub> emissions reduction vs lignite<sup>2</sup>.</li> <li>~€ 375mn total Investment (50% - 50% GEK TERNA).</li> </ul>	<ul> <li>Benefits from existing infrastructure and access to the national gas pipeline in proximity to the Corinth refinery.</li> <li>Regasification capacity peak planned at 490,000 Nm3/h or 132 GWs/d.</li> <li>Hydrogen – ready.</li> </ul>
Highlights	<ul> <li>Project under construction.</li> </ul>	<ul><li>Under development.</li><li>FID in 22Q4.</li></ul>
Expected Completion	2024	Q4 2023 / 2024

Notes: 1. Combined Cycle Gas Turbine. 2. 35% hydrogen & 65% NG consumption in order to be taxonomy aligned. 3. Floating Storage and Regasification Unit.



# A Becoming a Regional Player in the Production of Clean Hydrogen

**Blue Med Project** 

Project Description	Funding Support	Partnership for Green Hydrogen	
<ul> <li>Clean Hydrogen Production &gt;55 kt/y (green H<sub>2</sub> and blue H<sub>2</sub>).</li> <li>CO<sub>2</sub> Abatement<sup>1</sup> &gt; 400 kt / y.</li> <li>Investment<sup>2</sup> &gt; € 300mn.</li> <li>First H<sub>2</sub> Refueling Station in Greece by 2024.</li> <li>Construction of 5 fueling stations.</li> </ul>	<ul> <li>CEF transport funding secured (construction of <i>fueling stations</i>).</li> <li>Evaluated under HORIZON Call / Clean Hydrogen Partnership</li> <li>Evaluated under CEEAG for State Support.</li> <li>Greek Recovery &amp; Resilience Facility.</li> <li>Innovation Fund Application to be submitted in 2022</li> </ul>	φ51%49%51%υυυ	

Notes: 1. CCS' carbon captured quantity is included. 2. Includes the capital expenditure for the CCS SMR project; 3. Shareholder agreement with PPC has been signed and Hellenic Competition Commission clearance has been granted. Logo is still to be confirmed.



# Biofuels Capabilities Development

In August 2022, MOH announced the acquisition of Elin Verd including Verd's Biodiesel production facilities in Volos Greece as well as its subsidiary Prasino Ladi<sup>1</sup>.





### **Volos Plant**

- 100 m3/day for 100% Distilled UCOME, or 240 m3/day for first generation biodiesel (FAME)<sup>2</sup>.
- Producing ~25 k m3 UCOME annually.
- ~8% market share in biodiesel production in Greece.





- Founded in 2011 as a subsidiary of Verd.
- Market leader, collecting and/or sourcing >50% of total available waste oils feedstocks in Greece.
- Collecting ~15% of total biofuels feedstock in Greece<sup>1</sup>.

Notes: 1. Completion of the transaction is subject to approval by the Hellenic Competition Commission. Closing expected in 2022. 2. 2021 Figures and According to Quota 2021.



# Biofuels Capabilities Development



Ambition

# **Logistical Infrastructure**

### Trading & Sourcing Capabilities

**Ongoing Projects** 



Development of storage and logistical infrastructure for handling biofuels on site.

Development of in-house biofuel feedstock trading and sourcing capabilities.



# Vision of Sustainable Management of Waste



### A Strategy to Drive the Circular Economy Segment



Announced **acquisition of Thalis ES S.A**., an **integrated environmental services** business.

2

3

5

Continued evaluation of new circular economy projects, incl. **wastewater treatment**, organic & inorganic **waste recycling** and **energy from waste**.

4 Used Cooking Oil and animal fats feedstock collection and trading by **Prasino Ladi** (Verd subsidiary).

Regeneration for re-refined lubricant production in **LPC**'s refinery.



# Acquisition of Thalis Environmental Services S.A.

Thalis ES S.A. is an integrated environmental services company, innovating across important segments of the circular economy and offering comprehensive and sustainable solutions to customers

Solid Waste		Water Cycle
<ul> <li>Use of collection and transportation systems (logistics).</li> <li>Implementation of waste treatment processes, aiming to maximise the recycling rate and recovery of solid waste.</li> <li>Construction of landfills for the non- recoverable proportion.</li> <li>Operation &amp; maintenance of the facilities.</li> </ul>	Sales <sup>1</sup> : € 35.5mn Solid Waste Volume <sup>1</sup> : 262.8 kt Wastewater Volume <sup>1</sup> : 2.6mn m <sup>3</sup> CO <sub>2</sub> avoidance <sup>2</sup> : 5.8 kt CO <sub>2</sub> eq	<ul> <li>The Company undertakes the design, building and operation of:</li> <li>Drillings, reservoirs, tanks and pumping stations</li> <li>Water supply networks, sewerage and rainwater drainage.</li> <li>Drinking water treatment plants.</li> <li>Municipal and industrial WWTPs.</li> <li>Tertiary treatment plants.</li> <li>Water recharge in groundwater aquifers.</li> </ul>
Land Reclamation		Energy
<ul> <li>Services for the complete and permanent restoration and management of contaminated land, industrial plants, landfills and mines.</li> </ul>		<ul> <li>Waste to energy.</li> <li>Optimisation of the energy footprint in environmental infrastructure facilities.</li> </ul>

### On 24 November 2022, MOH announced the acquisition of 100% of Thalis Environmental Services S.A.<sup>3</sup>

Notes: 1. 2021 Figures. 2. 2022 Kozani landfill gas energy utilization unit, JV with Helector. 3. Completion of the transaction is subject to approval by the Hellenic Competition Commission.







3. A Resilient Core Business Powered by a State-of-the-Art Refining Asset

# A Local Energy Champion

Crude operating capacity <b>185k</b>	The only base oil producer in	Nelson Complexity Index <sup>1</sup> <b>12.61</b>	Refining Segment <sup>2</sup> Performance		
bbl/day	Greece			2021	H1 2022
c.1,400	Storage facilities	Energy autonomous refinery	Total Sales	€ 6,031mn	€ 4,967mn
Employees	2,600,000m <sup>3</sup>	85 MW			
Modern port facilities			EBITDA	€ 350mn	€ 788mn
450,000 tons Max. docking capacity 6 Berths	Crude 1,000,000m <sup>3</sup> Intermediate & final products 1,600,000m <sup>3</sup>	Refinery area <b>2,000,000m<sup>2</sup></b>	Simplified Cash Flow <sup>3</sup>	€ 106mn	€ 714mn

Notes: 1. The Nelson Complexity Index (NCI) is a measure of the sophistication of an oil refinery. The higher the value on the NCI, the more sophisticated and complex products the refinery can produce. 2. Excluding LPC. 3. Calculated as EBITDA – Capex.



# Ongoing Improvements for Enhanced Resilience

### **Propylene Splitter**







Utilising existing infrastructure.

Diversifying operations and improving refinery's environmental profile Targeting ~100,000 tones per year of propylene production by 2026.

2

3

### **Other Resilience Enhancing Projects**

### Naphtha Reformer (recently completed)



- ~1,000 kt per year capacity.
- Increased flexibility.
- High-value add fuel production (gasoline zero hydrogen).

### Logistics Enhancements (under development)



- Facility for storing & transporting fuel and 350m pier for 2 ships of 50k DWT.
- Fuel storage and transport infrastructure (jetty facilities, 6 tanks).
- Stabilisation unit for sludge & landfill sites.
- Development of railroad connection.

### **Criteria for New Refinery Projects**

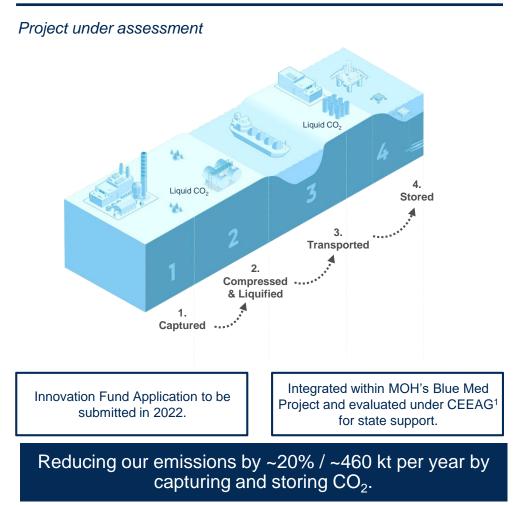
• Payback period <5 years for fossil-based projects.

• Reinforcing efficiency and flexibility to meet future challenges.



# Proceeding with Sustainability Investments

### **Carbon Capture and Storage (CSS)**



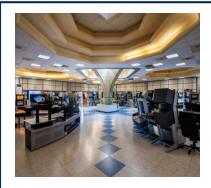
### Other Areas of Focus for Decarbonisation

### **Photovoltaic / Battery Projects**



- 10 MW PVs installed on refinery buildings and under development.
- 6 MW of storage capacity installed and under development.

### **Digital Transformation**



• Digital transformation to optimise operations across the organisation.



Notes: 1. Climate, Energy and Environmental Aid Guidelines.



# 4. Beyond Decarbonisation

### **Committed To Acting Responsibly**



### Corporate Governance

The Group's vision, ethics and corporate values comprise the cornerstones of its business activity and function.



### Sustainable Suppliers

Aiming to enhance sustainability in the supply chain.

> **91** New suppliers were assessed based on environmental criteria.



Investing in People

Providing training & development opportunities to employees.

**43,696** Manhours of educational & technical trainings in 2021.

>€ 9.2mn For education & training programs from 2015-2021.



### **Social Impact**

Aiming to generate value for all our stakeholders.

€ 636mn Economic value distributed.



### Investing in Local Communities

Aiming to contribute to the prosperity of local communities.

**€ 2.3mn** Donated to local communities.





# **5. Financial Outlook**

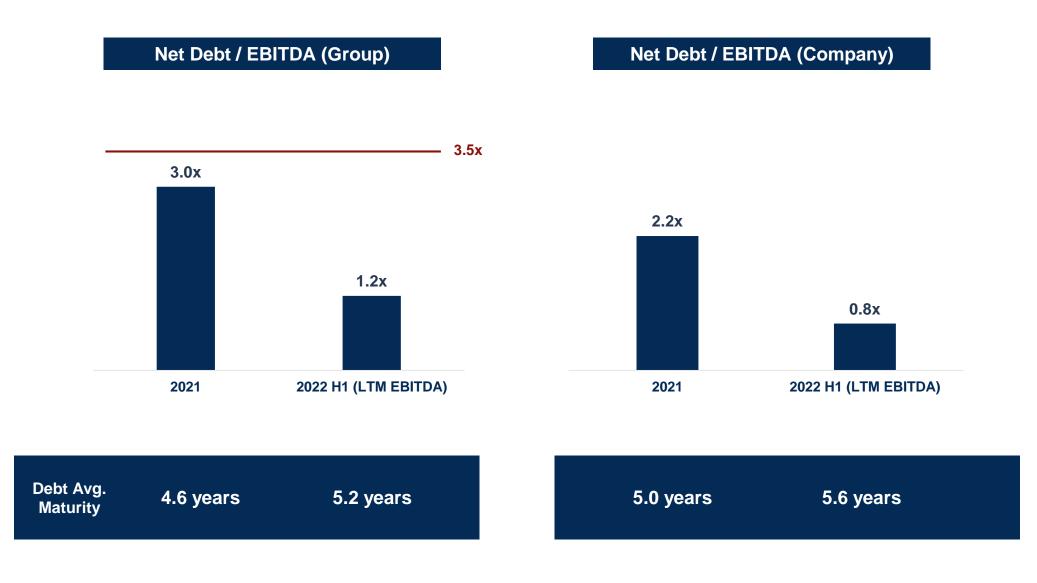
Combining Energy Transition, Capital Discipline and Shareholder Returns

1.	2.	3.
Driving Energy Transition with a Major Investment Program	Robust Balance Sheet, Prudent Leverage Levels Sustainable through the Cycle	Committed on Delivering Strong Shareholder Returns
>€2.5bn in Energy Transition Investments by 2030¹	<3.5x Net Debt / EBITDA	~50% Historical Payout <sup>2</sup>

Notes: 1. Excluding Maintenance and Resilience project capex and including Energy Transition acquisitions. 2. Average 2015-2021: Dividends and Capital Returns/ Company EAT.



### Robust Balance Sheet: Prudent Management of Financial Resources





# Motor Oil Key Investment Highlights

State-of-the-art refining asset with significant feedstock optionality and broad distribution footprint.

Leading presence in the domestic fuel retail market and expanding presence in Cyprus and Southeastern Europe.

Extensive investments in renewables, power & gas to reinforce energy transition and ESG.

Export-oriented group with >50% of sales outside Greece.

Healthy balance sheet, strong cash flow generation, high dividend yield.

Stable and supportive shareholder base.

Experienced management team with disciplined approach to financial strategy.



# One of the Largest Energy Transition Programs in the Region





# **Disclaimer**

The material contained in this presentation is intended to be general performance information on MOTOR OIL (HELLAS) CORINTH REFINERIES S.A. and its activities. The information is supplied in summary form and is therefore not necessarily complete.

The information contained is not an invitation to invest in shares or other securities, or any other products or services or otherwise deal in these or enter into a contract with MOTOR OIL (HELLAS) CORINTH REFINERIES S.A. or any other company. The information provided should not be relied upon in connection with any investment decision.

The past performance of MOTOR OIL (HELLAS) CORINTH REFINERIES S.A. or any other company referred to on the presentation cannot be relied upon as a guide to its future performance. The price of shares and the income derived from them can go down as well as up and investors may not recoup the amount originally invested. Forward- looking statements concerning the Company's future results, operations, financial statements/ condition/ performance, business strategies and plans, involve risks and uncertainties related to events that may or may not happen in the future. Should one or more of the risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from the expectations described in this presentation. MOTOR OIL (HELLAS) CORINTH REFINERIES S.A. assumes no obligation to update any forward-looking statements.

Processing any information contained in the presentation is governed by the laws of Greece and any other person accesses this presentation, processes and uses this information agrees that the Greek courts shall have exclusive jurisdiction in any dispute. The presentation is not directed to any person in any jurisdiction where (by reason of that person's nationality, residence or otherwise) the publication or availability of the presentation is prohibited. Persons in respect of whom such prohibitions apply must not access the presentation.

This presentation is only being distributed to, and is only directed at, qualified investors within the meaning of the Regulation (EU) 2017/1129. Persons who do not fall within the category of relevant persons should not take any action on the basis of this presentation and should not act or rely upon it. The presentation is intended for use by professional and business investors only.