7 September 2023

# MAIRE ESG PROFILE CREATING SUSTAINABLE VALUE TO ENABLE ENERGY TRANSITION

# EURONEXT SUSTAINABILITY WEEK – INFRASTRUCTURE & ENERGY DAY





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# PURPOSE

# We believe in a future where humanity, industries, and the planet can all thrive.



MAIRE ESG PROFILE



# AGENDA

01	GRO
02	SUS
03	CLI
04	OUF
05	INN
06	VAL
07	GO\
08	H1 2



MAIRE ESG PROFILE

# OUP OVERVIEW AND STRATEGY

STAINABILITY AT MAIRE

MATE, CIRCULAR ECONOMY AND ENVIRONMENT

R PEOPLE AND THE VALUE OF H&S AND DIVERSITY

**IOVATION THAT BRINGS WELL-BEING** 

\_UE FOR TERRITORIES AND COMMUNITIES

VERNANCE, ETHICS AND COMPLIANCE

2023 OPERATING AND FINANCIAL RESULTS





# 01 GROUP OVERVIEW AND STRATEGY



MAIRE ESG PROFILE





# A LEADING PROVIDER OF TECHNOLOGIES AND PROJECTS PIONEERING ENERGY TRANSITION

A global **Energy Services company**, integrating a leading portfolio of technologies with world-class execution capabilities

> EPC contractor historically active in Petrochemicals, Fertilizers and Oil & Gas Refining

Started building a **unique** and cross-integrated **expertise** in the **Energy Transition** in 2018

# **ANEXTCHEM**

Innovating, researching and developing solutions to tackle clients' challenges in the entire value chain





# A HISTORY OF GROWTH, RESILIENCE AND INNOVATION

# The Core

# The Beginnings

## LATE 19° CENTURY

Three pioneers of the Italian industry are born: Edison (1883), Montecatini (1888), and Fiat (1889), industrial groups whose engineering divisions are at the foundation of the Maire group.











### MAIRE ESG PROFILE



## 1971 - 1973

Giulio Natta wins the Chemistry Nobel Prize for the invention of polypropylene, thanks to the collaboration between the Polytechnic of Milan and

The Italian engineering companies Selas Italia (1971), which later became KTI, Fiat Engineering (1972), formerly the Construction and Plant Service of the Fiat group, and Tecnimont (1973) within the Montedison Group were born.

1983 - 2003

Fabrizio Di Amato launches his entrepreneurial project. Over the years, through a process of internal growth and acquisitions, the Maire Group is consolidated.









# A HISTORY OF GROWTH, RESILIENCE AND INNOVATION

# The Acquisitions

# The New Era

## 2004 - 2007

Maire makes key acquisitions with Fiat Engineering (2004) and Tecnimont (2005), thus consolidating the Maire group, which was listed on the Milan Stock Exchange in November 2007.

## 2008 - 2010

The Group expands internationally, completing the acquisition of **Tecnimont ICB** in India (2008), the Dutch company Stamicarbon (2009) and Technip KTI (2010), today **KT - Kinetics** Technology.

## 2011 - 2017









### MAIRE ESG PROFILE



# A NEW ORGANIZATION SUPPORTING OUR 10-YEAR STRATEGY TWO BUSINESS UNITS, A UNIQUE INTEGRATED APPROACH, TO ENABLE ENERGY TRANSITION

# SUSTAINABLE **TECHNOLOGY SOLUTIONS**

Technology Licensing

Process Design Package **Basic Engineering** Design

Proprietary Equipment & Catalysts

Services and **Digital Solutions** 

Selected Specialty Solutions

## 



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Front End Engineering Design

Engineering & Procurement

Engineering, Procurement & Construction (management)

Operations & Maintenance Upgrading & Revamping

Polymers

Nitrogen Fertilizers

H<sub>2</sub> and Circular Carbon

Fuels and Chemicals

## **TECNIMONT**

**GROUP OVERVIEW AND STRATEGY** 



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# AREAS OF EXPERTISE GROUND-BREAKING ACTIVITIES INTERCONNECTED WITH OUR TRADITIONAL BUSINESS





# **TRADITIONAL BUSINESS**

Petrochemicals, Fertilizers and Oil & Gas Refining

2,100+	4	260+
INDIVIDUAL PATENTS IN 160 FAMILIES	R&D CENTERS ACROSS THE WORLD ENGAGED IN OVER 90 PROJECTS	UREA PLANTS LICENSED SINCE 2024, ~60% SHARE
	MAIRE ESG PROFILE	

# **Bio-fuels**

- Bio-polymers
  - Plastic Waste Upcycling
  - Waste to X
    - Circular H<sub>2</sub>
      - CO<sub>2</sub> Capture and Valorization
        - Green and Electric Blue H<sub>2</sub>
          - Renewable to Synfuels and Chemicals





# INTERNATIONAL FOOTPRINT

7,000+

TOTAL EMPLOYEES

~27,000

**EMPLOYEES & PROFESSIONALS** ENGAGED ON PROJECTS

~1,500

TOTAL DELIVERED PROJECTS

45

COUNTRIES

~80

NATIONALITIES





 $\bigcirc$ 

HOUSTON

 $\bigcirc$ 

MAIRE ESG PROFILE

Main offices and ○ Subsidiaries, branches Headquarters operating centres and representative offices









# HISTORICAL KPIS A RESILIENT BUSINESS MODEL





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# **GROUP BACKLOG** SIZEABLE AND DIVERSIFIED

# HISTORICAL BACKLOG (€BN)<sup>1</sup>





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## BACKLOG BY GEOGRAPHY (as of 30-Jun-23)







# 2023-2032 STRATEGIC PLAN GROUP AMBITION TO GROW WELL BEYOND 2X BY 2032



# 2023-2032 STRATEGIC PLAN: STS



# 2023-2032 STRATEGIC PLAN: IE&CS CONSISTENT GROWTH DRIVEN BY ENERGY TRANSITION SEGMENTS



Growth Margin



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# 02 SUSTAINABILITY AT MAIRE



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# A 360-DEGREE COMMITMENT TO SUSTAINABILITY

Our journey to build a solid culture around ESG, bringing value to clients, to MAIRE and to the world





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# PRIORITY GOALS TOWARDS 2025-2030

Carbon neutrality plan for scope 1 & 2 emissions by 2030 through initiatives in offices and sites

Expand our portfolio of solutions dedicated to Energy Transition



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Improve our impact on human capital, through flourishing and intensive training programs



Expand our range of patents, proprietary technologies and digital solutions, in collaboration with the innovation ecosystem



Improve our positive impact on communities in geographical areas through a sustainable supply chain, In-Country Value, CSR and our Foundation



Share our ESG strategy within the Group in every business, project, region and supply chain































# ESG AGENDA



## Our people and the value of Health&Safety and diversity

LTIR, TRIR (million hours worked) indicators	<b>LTIR 0.62x ,TRIR 0.39x</b> better than IOGP benchmark	Better than IOGP Construction bench, every year	<b>3</b> GOOD HEALTH AND WELL-BEING
HSE Training hours/hours worked (on site)	From 2.79 to <b>2.87%</b> - 1,704 hours of stop&coach training, HSE workshop in 18 sites	<b>3.0%</b> - yearly	4 QUALITY EDUCATION
Flourishing Program & Challenging		Further development also in terms of succession	
Mentoring Program	Launch of Phase 2	planning	5 GENDER EQUALITY
Total training hours	<b>33 hrs/y</b> per capita	New initiatives to strengthen MET Academy	Ŷ
Employees Share Ownership Plan	III cycle completed	New plan 2023-2025	
Diversity, Equity & Inclusion	Adopted <b>DE&amp;I Policy</b> / Training sessions with more than 2,300 participants	Deployment of DE&I program and initiatives to main foreign companies	
Increase gender diversity in hiring	15% of women out of total hires*	In the range of 50%* by 2032	
		*Commissioning excluded	



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IIEVEMENTS	
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### TARGETS

2023: <b>20% reduction</b> Vs baseline 2018	7 AFFORDABLE AND CLEAN ENERGY	1
2030: carbon neutrality (Scope 1-2)	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	1
n to 2030 for scope 1&2 adopted Actions for <b>emissions reduction</b> - implementation, to reach carbon neutrality target		
TCFD adoption		17
<b>ships</b> , projects, IPCEI & PNRR funds — Develop <b>green technologies</b> portfolio & projects, decarb as a service	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	

SUSTAINABILITY AT MAIRE







# ESG AGENDA



## Value for territories and communities

Suppliers ESG screening 2,400 suppliers ESG screened = 66% of expen- diture, introduction of <b>carbon tracker</b> gram for <b>performance improvement</b>	
Social Audit on 5 Key Suppliers - 1,265 trained employees on <b>SA8000</b> principles - Social Audit on 8 Key Suppliers in 2023	
In Country Value (ICV) project Extend ICV plans to new regions 42% of goods & services purchased locally Extend ICV plans to new regions Support to communities Initiatives extended to 5 countries Implemented Initiatives in 3 countries Initiatives extended to 5 countries	12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Governance			
Tax Governance	Approval of the Tax Strategy	Adoption of the Tax Control Framework	4 EDUCATION
Integrity Policy (relating anti-corruption)	Approved <b>training program</b>	Extensive training program to cover <b>80% of population</b>	5 GENDER 17
Remuneration linked to ESG targets	10% ESG targets in all MBOs	15% ESG targets in MBOs and LTIs by 2025	<b>₽</b>
Taxonomy training	70 members of the task force trained	<b>Training</b> deployed on sister companies and to key functions	8 DECENT WORK AND ECONOMIC GROWTH



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## TARGETS

s / <b>4 Innovation centers</b>	Develop the Group's IPs portfolio and <b>Digital</b> <b>Platform</b>	2 ZERO HUNGER
		<b>9</b> INDUSTRY, INNOVAT AND INFRASTRUCTU
nts	From 20 to 24 cooperation agreements	







# 2023 ESG KEY INITIATIVES AND ACTIVITIES



CLIMATE, CIRCULAR ECONOMY, ENVIRONMENTAL **SUSTAINABILITY** 

Carbon Neutrality Plan<sup>1</sup> through the Met Zero Task Force

Taxonomy Working Group and training



PEOPLE, H&S AND DIVERSITY

Initiatives on DE&I coordinated by a dedicated working group

3% HSE ratio (training hours/hours worked) **CREATION OF INNOVATION** THAT BRINGS WELL-BEING

Grow proprietary portfolio of sustainable technologies

Increase cooperation agreements with universities at international level to ~24

**IMPLEMENTATION OF A NEW SCOPE 3 HYBRID** CALCULATION MODEL<sup>2</sup>, **REDUCTION TARGET** TO BE SET BY 2023 YE

**TRAINING ON DE&I TO 81% OF EMPLOYEES** IN INDIA (~2,000)

JOINED UNITED NATIONS **GLOBAL COMPACT "TARGET GENDER** EQUALITY" PROGRAM

**KICK-OFF OF A** MULTISTAKEHOLDER OPEN **INNOVATION PLATFORM DEDICATED TO ENERGY TRANSITION "ROAD"** 

- By 2030 for Scope 1 and 2 emissions in offices and sites.
- Supplier specific and physical-based approach.
- Science, technology, engineering and mathematics.



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## VALUE FOR TERRITORIES AND COMMUNITIES

>66% expenditure from ESG screened suppliers

CSR projects for local communities in 5 countries



## **GOVERNANCE**

Training on business integrity to ~80% of resources

ESG targets in MBO & LTI weighting 10%

SUPPORTED "WISE" **INITIATIVE TO ENCOURAGE RURAL GIRLS TO PURSUE** STEM<sup>3</sup> EDUCATION; **PROGRAM LED BY IIT-BOMBAY AND INVOLVING 165 GIRLS FROM 3 STATES** 

**TRAINING ON BUSINESS** INTEGRITY TO ~50% OF **GROUP POPULATION** 

**RENEWED SUBSIDIARIES' CORPORATE BODIES WITH** 53% WOMEN AMONG NEW **APPOINTMENTS** 

2023 main activities YTD .....







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# LEADING EXTERNAL RECOGNITION

## **MSCI RATING IMPROVEMENT**





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# STRENGTHS RECOGNIZED BY ESG RATING AGENCIES

- Ethic practices lead market peers
- Leading peers' average in H&S Performance
- Engagement with our suppliers on climate change
- Increasing ESG disclosure
- Clean Tech opportunities



INCLUSION AMONG 3 BEST ITALIAN COMPANIES IN IGI RANKING FOR THE INDUSTRIES SECTOR IN 2022

SUSTAINABILITY AT MAIRE





# 03 CLIMATE, CIRCULAR ECONOMY AND ENVIRONMENT



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# STRONG MACRO TRENDS SUPPORT **OUR ENERGY TRANSITION BUSINESS**

# **KEY EXTERNAL PRESSURES**



# **Global food security**

to match GDP expansion and population growth





# Industry decarbonization

to achieve feasible emissions reduction

**New energy carriers** to move the world with low carbon sources





# **Sustainable materials**

to thrive while supporting nature



- Carbon Capture and Utilization. 2.
- 3. Sustainable Development Scenario (IEA).



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• NITROGEN FERTILIZERS	<ul> <li>Nitrogen fertilizer demand to grow to support global food security &gt;1% 2020-2050 expected CAGR</li> <li>New market for ammonia, especially for green/blue ammonia, to unfold (e.g., maritime fuels), +4% 2020-2050 expected CAGR</li> </ul>
H <sub>2</sub> AND CIRCULAR	Increasing demand for sustainable hydrogen production through and CCU <sup>2</sup> in hard-to-abate sectors, +6% 2020-2050 expected CA Considerably large gap to be addressed in Large Scale CO <sub>2</sub> proj to achieve 2030 targets in SDS <sup>3</sup> scenario
• FUELS AND CHEMICALS	Sustainable Aviation Fuels (SAF) key to decarbonize jet fuel mar +39% 2020-2050 expected CAGR Growing importance of Bio/E-methanol, for its multiple applicatio (e.g., marine), +6% 2020-2050 methanol production expected CA
POLYMERS	Sustained growth in polyolefins in line with macro trends, with increasing share of recycled plastics, +3% 2020-2050 expected Bioplastics gaining importance in global market, main focus on biodegradable plastics, +7% 2020-2050 expected CAGR





# PARTNER OF CHOICE IN ENERGY TRANSITION SUPPORTING OUR CUSTOMERS TOWARDS NET-ZERO





Flawless Delivery in a Complex Environment



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# A COMPREHENSIVE TECHNOLOGY OFFERING PORTFOLIO AND FOCUS TECHNOLOGY AREAS

## **Proven technologies /** • ULE – Ultra Low Energy Ready to license

**FERTILIZERS** 

NITROGEN

- fertilizers
- Blue ammonia
- Small scale green ammonia and derivatives

## H<sub>2</sub> AND CIRCULAR CARBON

- Carbon capture and storage solutions
- Grey H<sub>2</sub> from natural gas via steam methane reforming (SMR)
- Blue H<sub>2</sub> through SMR and  $CO_2$  capture (CC)
- CO<sub>2</sub> valorization through transformation into syngas

## **Under development /** Focus areas



Through either internal development, exclusive partnerships or M&A

- Use of green ammonia as shipping fuel and  $H_2$  carrier, as well as for power generation
- Specialty fertilizers maximizing efficiency of nutritional value

- High-pressure Green H<sub>2</sub>
- Electrified Clean H<sub>2</sub> solutions
- Clean  $H_2$  via methane cracking
- H<sub>2</sub> storage and release solutions



• Waste-to-X solutions to convert municipal solid waste into synthetic fuels and chemicals

FUELS

AND CHEMICALS

 Pre-treatment of oleo feedstocks for the production of Renewable Diesel and/or **Sustainable Aviation Fuel** 

## POLYMERS

- Mechanical recycling and compounding of recycled plastics
- Bio-degradable plastic monomers
- Chemical recycling of PMMA polymers

- Extension of technology solutions for synthetic fuels and chemicals
- Extension of chemical recycling technology solutions to polystyrene and polyolefins





# NITROGREN FERTILIZERS ULTRA-LOW ENERGY UREA TECHNOLOGY

>170 million tons annual production of urea

>80% share of urea used for fertilizer production, having the highest nitrogen content (46%) and the lowest transportation cost

# LAUNCH<sup>TM</sup> MELT ULTRA-LOW ENERGY DESIGN

- ~35% steam consumption reduction
- ~16% cooling water consumption reduction

compared to traditional CO<sub>2</sub> stripping processes

Energy savings unrivaled by any competitor



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## ULTRA-LOW ENERGY UREA PLANT – CHINA (Q1 2023 AWARD)

Licensing, process design package and proprietary Safurex® high-pressure equipment supply



~60% Share Urea Licensing #1 worldwide







# NITROGREN FERTILIZERS **GREEN AMMONIA TECHNOLOGY**

~187 million tons ammonia demand in 2022

~80% share of ammonia supply used for fertilizer production

~1% of total global GHG emissions related to ammonia production

Making ammonia green by using just sun, air and water will be key to decarbonize fertilizer production

Supporting ammonia's role as H<sub>2</sub> carrier and shipping fuel, as well as for power generation







# GREEN FERTILIZER COMPLEX – USA (Q2 2023 AWARD)

## **STAMICARBON**

Licensing Basic engineering design





Early engineering works



# LOW CARBON AND CIRCULAR H<sub>2</sub> **TECHNOLOGICAL SOLUTIONS FOR CLEAN HYDROGEN**





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# Circular Hydrogen<sup>™</sup>

H, from Non-Recyclable Plastic Waste Chemical Conversion



90% Less CO<sub>2</sub> Production **Proprietary Technological Solutions** 

Additional revenues stream from waste management

Zero carbon intensity H<sub>2</sub> achievable with carbon capture;



# **CIRCULAR ECONOMY** READY-TO-USE SOLUTIONS TO IMPROVE AND DECARBONIZE PLASTIC LIFE CYCLE









# MYREPLAST<sup>TM</sup> PROPRIETARY UPCYCLING TECHNOLOGY UPGRADING PLASTIC WASTE TO VIRGIN POLYMER-LIKE PRODUCTS



# HIGH FLEXIBILITY THROUGH ADVANCED SORTING

- Sorting a range of polymer types: PP, HDPE and LDPE, PS, ABS, PA
- Rigid plastics from urban and industrial Post-Consumer sources

# HIGH EFFICIENCY PROCESS – RECOVERY RATE >95%

- Combining proven state-of-the-art technologies in a highly efficient process
- Mechanical Grinding, Optical Sorting, Washing, Color Separation

# **UPCYCLING PROCESS – CHEMICAL MODIFICATION**

- Formulating and compounding step for tailored material performance
- Bridging the gap between recycled plastics and virgin polymers

## 

## MAIRE ESG PROFILE

## OUR UPCYCLING PLANT – **BEDIZZOLE (NORTHERN ITALY)**



# 40,000 ton/y

**OVERALL CAPACITY** 

95%

WASTE RECYCLING RATE

3

**COMPOUNDING LINES** 

56,000 ton/y

CO<sub>2</sub> EMISSIONS REDUCTION AT FULL CAPACITY









# OUR WASTE TO FUELS/CHEMICALS TECHNOLOGIES INTEGRATING READY-TO-USE TECHNOLOGIES TO PRODUCE CIRCULAR HYDROGEN<sup>™</sup>, FUELS AND CHEMICALS

- Waste is converted into "circular" gas through a partial oxidation process, followed by a purification phase
- ~85% of the input material is converted into syngas, ~15% is an inert granulate
- Syngas can be used to produce circular hydrogen, ethanol and methanol, or several key chemical products for the industry
- The inert granulate can be used in the ceramic and construction industries for the manufacture of tiles, bricks, cement, and blasting material





GAS IN INDUSTRIAL PROCESSES



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# H1 2023 MAIN TECHNOLOGY DEVELOPMENTS



1. In combination with other technologies.



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feedstock (e.g., fats, oil)

ATIONS	MAIN DEVELOPMENTS
n of <b>biodegradable plastic</b> <b>rs</b>	<ul> <li>Expanding commercial reach in new regions</li> <li>Expanded tech package to catalysts and proprietary equ</li> </ul>
erization of PMMA ss®)	<ul> <li>Tested in pilot plant with outstanding results</li> <li>Currently scaling-up process</li> </ul>

- **Low carbon**  $H_2$  for refineries and to produce ammonia and synfuels
- Expanded technology package (7 families, +5 vs 2022YE)

## **Decarbonization of steel manufacturing**

High yield low carbon fuels production<sup>1</sup>

- **Renewable Diesel** and **SAF** from bio-oils, unlocking value from cheap feedstock
- Finalized technology package including licensing, process design package and proprietary equipment





# **REDUCING OUR CARBON INTENSITY**

2022 MAIRE CO<sub>2</sub> EMISSIONS

GHG emission intensity improved vs 2021 thanks to energy efficiency activities and home working

### **0.82** vs 0.87 (headquarters) **EMISSION INTENSITY** CO<sub>2</sub> kg/man hours worked **1.42** vs **1.56** (construction sites) CO<sub>2</sub> kg/man hours worked SCOPE 1 8.9 +42.9% CO<sub>2</sub> ktons -7.7% SCOPE 2 8.1 CO<sub>2</sub> ktons -30.9% SCOPE 3 20.3 **Business Travel & Commuting** CO<sub>2</sub> ktons Over 90% linked to FULL SCOPE 3 1,879 CO<sub>2</sub> ktons Supply Chain



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# PLAN TOWARDS CARBON NEUTRALITY



Task force focused on reducing CO<sub>2</sub> emissions from different sources (offices and mobility, construction sites, procurement and logistics)

## **DECARBONIZATION PLAN TARGETS:**

- 20% reduction in Scope 1 and 2 by 2023 (vs 2018 baseline)
- Carbon neutrality for Scope 1 and 2 by 2030
- Carbon neutrality for Scope 3 by 2050

MULTI-SITE CERTIFICATION







# 04 OUR PEOPLE AND THE VALUE OF H&S AND DIVERSITY



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# HUMAN CAPITAL AT THE CENTER A KEY ASSET FOR THE COMPANY LONG-TERM GROWTH

2022 HUMAN CAPITAL OVERVIEW<sup>1</sup>

~26,000+	6,451		8
DIRECT AND INDIRECT WORKERS <sup>2</sup>	EMPLOYEES, +1	.5% VS 2021	PE
SKILLS	AND AGE	THE VA	LU
3,332	43	20%	
ENGINEERS	AVERAGE AGE	WOMEN, IN LINE V INDUSTRY	VITH
~100%	27%	95%	
SHARE OF NEW HIRES GRADUATED IN STEM DISCIPLINES <sup>3</sup>	SHARE OF NEW HIRES AGED <30 YEARS	WOMEN/MEN SALARY RATIO	

- 1. As of 31 December 2022.
- 2. Including employees, collaborators and subcontractors.
- 3. Science, technology, engineering and mathematics.



## MAIRE ESG PROFILE

## A MULTINATIONAL AND MULTICULTURAL GROUP



OUR PEOPLE AND THE VALUE OF H&S AND DIVERSITY


# EXPANDING OUR HEADCOUNT AND INTERNATIONAL FOOTPRINT **INVESTING IN TALENT TO SUPPORT GROWTH**

7,000+

TOTAL EMPLOYEES

650+

ENGINEERS HIRED IN H1, MOSTLY IN INDIA

45

COUNTRIES WITH 50+ **OPERATING COMPANIES** 

**NEW OFFICES OPENED IN H1:** ABU DHABI, DOHA, MUMBAI, LONDON





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OUR PEOPLE AND THE VALUE OF H&S AND DIVERSITY



### CARING FOR AND DEVELOPING OUR HUMAN CAPITAL STRONG WILLINGNESS TO INVEST IN OUR PEOPLE

#### TRAINING AND DEVELOPMENT INITIATIVES

- Flourishing Program, supporting the growth of young people as part of succession planning
- Challenging Mentoring Program involving 50+ junior resources as mentees and 50 managers as mentors
- Group Graduate Program supporting young graduates through job rotations and vocational training





### DIVERSITY, EQUITY AND INCLUSION INITIATIVES

- Diversity, Equity & Inclusion Working Group coordinating all initiatives at Group level
- Campaign dedicated to managers on Diversity, Equality and Inclusion
- Extension of DE&I training to foreign companies
- Around 50% of women in total hires by 2032



TRAINING AND DEVELOPMENT



**PROGRAM JOINED IN 2023** 

OUR PEOPLE AND THE VALUE OF H&S AND DIVERSITY





# H&S WORLD-CLASS PERFORMANCE CONSISTENTLY DELIVERING A BETTER PERFORMANCE THAN THE SECTOR

### LOST TIME INJURY RATE (5-YEAR ROLLING AVERAGE, 2011-2022)



>3.5X

BETTER THAN IOGP CONSTRUCTION **BENCHMARK FOR LTIR** 

ISO 14001, ISO 45001, SA8000

MULTISITE CERTIFICATIONS

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#### HSE MULTI-STAKEHOLDER AWARENESS PROGRAM

4m+

STOP&COACH

HSE & SA8000 TRAINING HOURS OVER THE LAST THREE YEARS

SAFETY AWARENESS PROGRAM **INVOLVING 16 CONSTRUCTION SITES,** 745 PARTICIPANTS, 1,704 TRAINING HOURS IN 2022

OUR PEOPLE AND THE VALUE OF H&S AND DIVERSITY







# 05 INNOVATION THAT BRINGS WELL-BEING



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# SUSTAINABLE AND INCLUSIVE INNOVATION





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### **COLLABORATIONS WITH UNIVERSITIES**



**INNOVATION THAT BRINGS WELL-BEING** 





## NEXTPLANT DIGITAL SUITE A SOURCE OF COMPETITIVE ADVANTAGE





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INNOVATION THAT BRINGS WELL-BEING



### NEXTPLANT DIGITAL SUITE ADDRESSING ENERGY TRANSITION THROUGH DIGITAL TRANSFORMATION

#### PROCESS OPTIMIZATION FOR ENERGY EFFICIENCY & NET ZERO EMISSIONS

- Reduce CO<sub>2</sub> emissions
- Improve energy efficiency
- Reduce feedstocks consumption
- Blockchain for accessing to green incentives

#### MAINTENANCE OPTIMIZATION FOR COST EFFICIENCY

- Proactive Maintenance management
- Reduce unplanned downtime due to assets' fault
- Reduce flaring in case of faults

#### **IMMERSIVE TRAINING**

#### FOR OPERATORS **UPSKILLING / RESKILLING**

- Facilitate knowledge transfer
- Effective recvery actions in case of plant upset
- Reduce unplanned downtime due to human mistakes



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**INNOVATION THAT BRINGS WELL-BEING** 



# 06 VALUE FOR TERRITORIES AND COMMUNITIES



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### MANAGING A SUSTAINABLE SUPPLY CHAIN

### 2022 SUPPLY CHAIN KEY FIGURES

4,900+	70	8			
ACTIVE SUPPLIERS	SUPPLY COUNTRIES			LOW	HIGH
		PROCUREMENT OFFICES/HUBS (China, Egypt, Middle-East, Algeria, Nigeria, Indonesia, USA and Turkey)	environmental	33%	67%
2,300+	66%	627	social	20%	80%
SUPPLIERS SCREENED UNDER ESG CRITERIA	SPENDING WITH ESG SCREENED SUPPLIERS	NEW POSITIVE QUALIFICATIONS WITH ESG REQUIREMENTS	governance	33%	67%

Based on a sample of 2,392 suppliers. 1.



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#### 2022 ESG ASSESSMENT<sup>1</sup>

VALUE FOR TERRITORIES AND COMMUNITIES







## IN-COUNTRY VALUE MAKES OUR BUSINESS SUSTAINABLE AND RESILIENT

LOCAL CONTENT 2022 <sup>1</sup>	
	Based on 9 items with different weights depending on the country of operations
€1bn	
TOTAL SPEND ON GOODS AND SERVICES IN THE LOCAL ENVIRONMENT	procurem
	procurem
42%	contribution
OF THE TOTAL PROJECT COSTS	
	co
<ol> <li>Referred to 21 projects that best represent the business of the Group both in terms of progress and type of activity/technology.</li> </ol>	ar



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#### **IN-COUNTRY VALUE APPROACH**



VALUE FOR TERRITORIES AND COMMUNITIES



### **OUR CORPORATE FOUNDATION** AIMED AT BRIDGING THE GAP BETWEEN INNOVATION AND TRADITION

THE NEW GENERATIONS LEAD **SUSTAINABLE** DEVELOPMENT



MAIRE ESG PROFILE

### FONDAZIONE MAIRE

#### GOALS

- Making the Group's historical, technical and cultural identity available to train the humanist engineers of tomorrow
- Helping new generations go beyond scientific expertise, bringing the human element and a focus on sustainability together, as an essential integration of technical training
- Sustainable development in synergy with schools and universities
- A new mindset focused on innovation and technology moves in concert with an awareness of social issues and a profound regard for the international economic and political landscape
- Promoting STEM disciplines







# 07 GOVERNANCE, ETHICS AND COMPLIANCE



MAIRE ESG PROFILE



## SUSTAINABLE GOVERNANCE AIMED AT CREATING LONG-TERM VALUE CREATION FOR ALL STAKEHOLDERS

#### **ESG GOVERNANCE**

Traditional model with a strong focus on ESG through the following dedicated corporate bodies/functions

#### CONTROL, RISK AND SUSTAINABILITY COMMITTEE

Within the Board of Directors

#### **INTERNAL SUSTAINABILITY COMMITTEE**

Reporting to the CEO

#### SUSTAINABILITY REPORTING FUNCTION

Reporting to the CFO

#### **GROUP SUSTAINABILITY FUNCTION**

In charge of implementing the ESG strategy in line with SDGs

#### **GREEN ACCELERATION ADVISORY BOARD**

With leading representatives from industry, finance and academia, assisting the Chairman and the CEO

#### **INNOVATION BOARD**

Evaluating decisions on technological developments

Women out of 15 total members of the corporate bodies

#### 4

Women in the Board of Directors out of 9 members

Women in the Board of Statutory Auditors out of 3 standing members

### 2

Women in the Supervisory Board out of 3 members



#### MAIRE ESG PROFILE

### **GENDER BALANCE**

#### **INDEPENDENT DIRECTORS**





### ETHICS AND COMPLIANCE ETHICAL VALUES AND PRINCIPLES GUIDE OUR DAY-TO-DAY ACTIVITIES



MAIRE ESG PROFILE

GOVERNANCE, ETHICS AND COMPLIANCE













### ADDING VALUE TO SHAREHOLDERS STABLE SHAREHOLDERS' BASE AND STRONG DIVIDEND POLICY

#### SHAREHOLDER STRUCTURE<sup>1</sup>

SHAREHOLDER	% OF ORDINARY SHARES	% OF VOTING RIGHTS <sup>2</sup>	Free F
GLV Capital S.p.A. (Fabrizio Di Amato)	51.02%	65.82%	
COBAS Asset Management	5.02%	4.87%	
Yousif Mohamed Ali Nasser AL NOWAIS	4.73%	3.05%	
Other institutional and retail investors	39.23%	26.26%	

1. Based on the latest official information communicated to Maire (e.g., shareholders' register, official filings).

Pursuant to Article 120, Paragraph 1 of the Legislative Decree no. 58 of 24 February 1998 (Italian "Consolidated Law on Finance") and to Article 6-bis of the By-Laws ("Voting right increase"), share capital of Maire Tecnimont 2. S.p.A. refers to the total number of voting rights equal to 509,499,944.

3. Total return calculated as price performance from 1 September 2014 to 31 August 2023 + dividends distributed from 2014 to 2023.



MAIRE ESG PROFILE





Listed on the Milan Stock Exchange since November 2007

ISIN code: IT0004931058

Ticker: MAIRE

Market Cap on 31 August 2023: €1.2bn

€263m

**DIVIDENDS DISTRIBUTED SINCE 2014** 

+124.6%

TOTAL RETURN 1 September 2014 – 31 August 2023 +19.1% YEARLY AVERAGE<sup>3</sup>

GOVERNANCE, ETHICS AND COMPLIANCE



# 08 H1 2023 OPERATING AND FINANCIAL RESULTS



MAIRE ESG PROFILE



## STRATEGY DEPLOYMENT: STS IS GAINING TRACTION POSITIONING THE GROUP AT THE FOREFRONT OF ENERGY TRANSITION

2023 YTD ACHIEVEMENTS

~€200m new awards YTD<sup>1</sup> **5x** vs H1 2022

> ~90 new patents added Total portfolio **2,127** vs 2,041 at YE2022

**CONSER MYREMONO** CATC Both acquisitions successfully completed



**3 joint projects** with IE&CS **FertigHy**<sup>2</sup> initiative for low-carbon fertilizers

Including H1 2023 order intake and €100m record-level licensing and proprietary equipment award in fertilizers announced on 12 July 2023. FertigHy, a company founded by EIT InnoEnergy, RIC Energy, MAIRE, Siemens Financial Services, InVivo and HEINEKEN to accelerate decarbonization of the food value chain.



MAIRE ESG PROFILE

#### 2023-2032 GROWTH DRIVERS

- Seize the growing request of Energy Transition technology
- Develop and scale-up new already-in-pipeline technology
- Pursue and follow up M&A process to expand tech portfolio
- Collaborate with IE&CS and other partners to increase our market share





## STRATEGY DEPLOYMENT: IE&CS IS CONSISTENTLY DELIVERING TESTAMENT TO THE HISTORIC POSITIONING IN KEY GROWTH MARKETS



**€2.3bn** H1 2023 order intake, **2.2x** vs H1 2022 2023-2032 GROWTH DRIVERS 3 projects awarded leveraging upon synergies with STS Implement Sustainable Technology Solutions offerings Enhance revamping and upgrading of existing plants Converting refineries into higher value chemicals Offer comprehensive services to serve clients from FEED to O&M €55.0bn IE&CS commercial pipeline across the entire value chain

Reap the growth of reference markets



MAIRE ESG PROFILE

2023 YTD ACHIEVEMENTS





## H1 2023 INITIATIVES: POSITIVE MARKET MOMENTUM CONFIRMING OUR LEADERSHIP IN CORE MARKETS WHILE GROWING IN ENERGY TRANSITION



MAIRE ESG PROFILE





### **GROUP ORDER INTAKE** RECORD LEVEL OF NEW AWARDS IN Q2 2023







MAIRE ESG PROFILE

#### H1 ORDER INTAKE (€M)

#### H1 ORDER INTAKE BY GEOGRAPHY





### ORDER INTAKE AND BACKLOG: STS OUR STRATEGY AT WORK



Note: 2022 pro-forma figures for comparative purposes.



MAIRE ESG PROFILE





### ORDER INTAKE AND BACKLOG: IE&CS THE BACKBONE OF OUR BUSINESS



Note: 2022 pro-forma figures for comparative purposes.



MAIRE ESG PROFILE

### BACKLOG BY GEOGRAPHY



# SELECTED AWARD: AMIRAL PROJECT WORLD-CLASS EXECUTION TO UPGRADE REFINERIES INTO HIGHER VALUE CHEMICALS

#### PETROCHEMICAL EXPANSION – SATORP REFINERY

LOCATION

Jubail, Saudi Arabia

**BUSINESS UNIT** 

Integrated E&C Solutions

#### SCOPE AND KEY FEATURES

- Engineering services, equipment and material supply, construction activities, pre-commissioning and commissioning
- Total value of \$2bn and duration of ~4 years

#### HIGHLIGHTS

- Execution of two packages, Derivatives Units and High Density Polyethylene & Logistic Area
- The petrochemical facility will enable **conversion** of internally produced refinery off-gases and naphtha, as well as ethane and natural gasoline, into higher value chemicals



MAIRE ESG PROFILE





UNDISPUTED LEADERSHIP **TECNIMONT** IN DOWNSTREAM PETROCHEMICALS





### COMMERCIAL PIPELINE SHORT-TERM MARKET OPPORTUNITIES WORTH €56.3BN



#### MAIRE ESG PROFILE

#### **BY MAIN CLUSTER**





### H1 2023 GROUP FINANCIAL RESULTS DOUBLE-DIGIT GROWTH OF ALL MAIN KPIS, IN LINE WITH GUIDANCE



MAIRE ESG PROFILE









# SUSTAINABLE TECHNOLOGY SOLUTIONS STEPPING UP THE PACE

- Revenues increase driven by the growing demand for technology solutions and services
- Strong EBITDA performance, thanks to our focus on high value-added products and services, in line with the strategic plan



% Growth

% Margin

Note: 2022 pro-forma figures for comparative purposes.



MAIRE ESG PROFILE



## **INTEGRATED E&C SOLUTIONS** PERFORMANCE DRIVEN BY STEADY PROJECT EXECUTION



Note: 2022 pro-forma figures for comparative purposes.



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#### EBITDA (€M)



- Revenues increase driven by continued solid performance of existing projects in the backlog
- Profitability in line
- Newly-acquired projects will increasingly provide steady support in H2 and beyond





### NET FINANCIAL POSITION AND CAPEX STRONG OPERATING CASH FLOW MORE THAN COMPENSATING PLANNED INVESTMENTS AND DIVIDENDS



- liabilities (€0.5m as of 30 June 2023 and 31 December 2022) and including an amount to be recovered in India (€17.1m as of 30 June 2023 and €17.4m as of 31 December 2022).
- 2. Total Gross Capex includes €42.7m of M&A Capex (of which €35.8m Conser purchase price and €6.9m CatC purchase price and funding, net of €17.6m acquired cash) and €15.0m of Organic Capex.



MAIRE ESG PROFILE

1. Excluding non-recourse project financing (€7.0m as of 30 June 2023 and €7.5m as of 31 December 2022), leasing liabilities - IFRS 16 (€135.8m as of 30 June 2023 and €133.0m as of 31 December 2022) and warrant financial

H1 2023 OPERATING AND FINANCIAL RESULT	ΓS
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### ADJUSTED NET TRADE WORKING CAPITAL NET TRADE WORKING CAPITAL IMPROVEMENT DRIVEN BY PROJECT PROGRESS

ADJUSTED NET TRADE WORKING CAPITAL (€M)





1. Adjusted Net WIP includes Accounts Payables.



MAIRE ESG PROFILE



# THE WAY FORWARD ON TRACK TO DELIVER OUR FY 2023 GUIDANCE

- First half results and high order backlog demonstrate strong momentum in both technolo and execution, providing a solid platform to delin double-digit growth in 2023
- Margin expansion supported by recognized kno how and technology portfolio, with an increased contribution from higher-value activities
- Capex focused on technology portfolio growth, covered by operating cash flow
- Robust commercial pipeline is expected to delive a higher level of order intake in the second half

2023 Guidance as released on 2 March 2023.



MAIRE ESG PROFILE

		2022	2023 GUIDA
logy iver	REVENUES STS IE&CS	€3.5bn €0.2bn €3.3bn	€3.8 - 4.2k €0.2 - 0.3b €3.6 - 3.9b
ow- d	EBITDA MARGIN STS IE&CS	6% 19% 5%	6-7% 21-25% 5-6%
	CAPEX STS IE&CS	€26.8m €18.6m €8.2m	€95 - 115 €70 - 80m €25 - 35m
ver f	NET CASH	€93.8m	In line with 2





## THE WAY FORWARD LEVERAGING ON OUR INTEGRATED APPROACH TO DELIVER LONG TERM GROWTH

### SUSTAINABLE TECHNOLOGY SOLUTIONS

Strategic growth driver Growing portfolio of proprietary technologies Reaching new clients in new geographies

Short cycle, higher margin

**MAIRE** 

MAIRE ESG PROFILE

### INTEGRATED IE&C SOLUTIONS

Strong track record in project execution Implementing STS-originated projects Reaping the growth of reference markets

Long cycle, revenue visibility



### INVESTMENT CASE







Recognized technological leadership in Energy Transition

Flexible and adaptable business model spanning the entire value chain worldwide

Proven execution capability to deliver a significant backlog



MAIRE ESG PROFILE







Foster growth through continuous breakthrough innovation...

...And accelerating via selective acquisitions



Strong financial position and discipline to support growth





# APPENDIX



MAIRE ESG PROFILE



# NITROGEN

### GREEN AND BLUE AMMONIA GROWTH TO SUPPORT DEMAND

#### NITROGEN FERTILIZER DEMAND (Mt)



#### AMMONIA DEMAND AND FEEDSTOCK (Mt)





### H<sub>2</sub> AND CIRCULAR CARBON H<sub>2</sub> AND CARBON CAPTURE AND STORAGE KEY TO DECARB HARD TO ABATE SECTORS

#### HYDROGEN PRODUCTION (Mt)



#### CARBON CAPTURE AND UTILIZATION PROJECTS (Mt)







### FUELS AND CHEMICALS SUSTAINABLE AVIATION FUELS AND BIO/E-METHANOL TO SIGNIFICANTLY GROW

#### SUSTAINABLE AVIATION FUELS DEMAND (Mt)







### POLYMERS RESILIENT GROWTH IN POLYOLEFINS, INCREASED SHARE OF BIOPLASTICS

#### POLYOLEFINS DEMAND (Mt)



Sustained growth in polyolefins in line with macroeconomic trends, with increasing share of recycled plastics



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#### **BIOPLASTICS DEMAND (Mt)**





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