

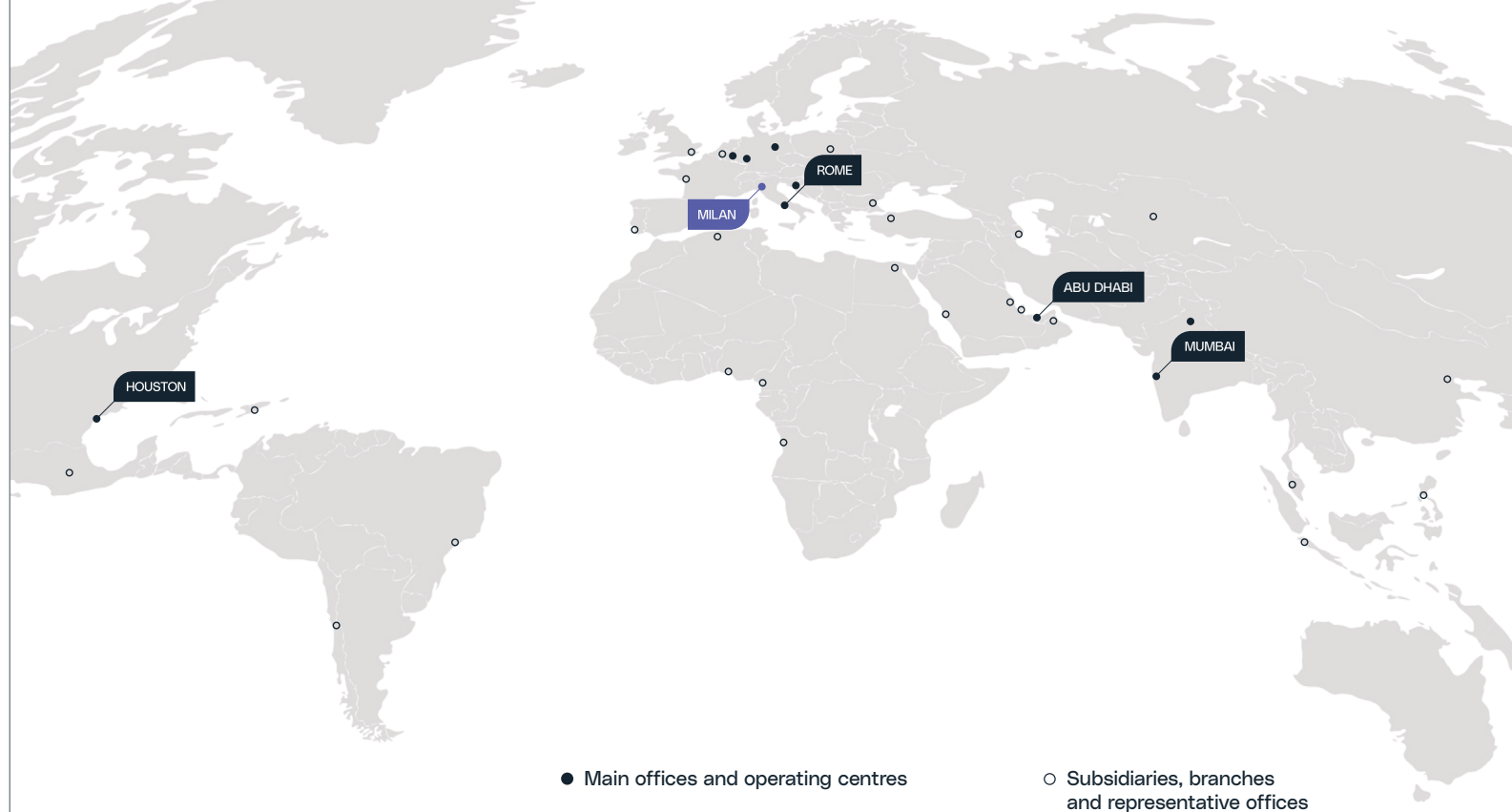
WE ENABLE
ENERGY TRANSITION

CLAIM

HOME TO
THOSE WHO
RESHAPE
THE FUTURE

MAIRE AT A GLANCE

NEXTCHEM is the MAIRE'S company dedicated to Sustainable Technology Solutions. Thanks to the extensive know-how of nitrogen, hydrogen, carbon capture, fuels, chemicals and polymers, we offer innovative solutions and processes to fully enable the energy transition.



 **4.3**
Revenues (€ billion)

15.0
Backlog (€ billion)

129.5
Net Income (€ million)

 **~45**
Countries

 **~8,300**
Employees

29.000+
People engaged worldwide*

Data as of 31st December, 2023

*The data includes employees, collaborators and sub-contractors

TECHNOLOGY EXCELLENCE STRENGTHENED OVER TIME

Fauser Montecatini pioneers the ammonia production process from renewables.

Stamicarbon is established in the Netherlands, bringing crucial technological and engineering skills. This marks the start of a journey towards global leadership in the fertilizer market.

The Italian engineering company Selas Italia (later known as **KTI**) is founded. Specializing in high-temperature technologies, KTI brings expertise in customized, advanced solutions for hydrogen and syngas production.

TPI is established, focusing on high-end know-how in planning plants for low-density polyethylene (LDPE) production.

The green acceleration begins: **NEXTCHEM** is launched, spearheading green chemistry and energy transition. The acquisition of **MyReplast Industries** and the creation of **MyRechemical** enhance the group's position in plastic upcycling and waste-to-chemical technologies.

The "Unbox the Future" Strategic Plan is announced. A new unit lights a new phase in the industrial cycle: **Sustainable Technology Solutions** is formed under **NEXTCHEM**. Acquisitions of **Conser** and **MyRemono** expand expertise in biodegradable plastic and chemical recycling.

NEXTCHEM continues its growth with the acquisition of **HyDEP** and **GasConTec**. **HyDEP** pioneers proprietary solutions for green hydrogen production, while **GasConTec** excels in low-carbon hydrogen, ammonia, and methanol technologies.

AMMONIA REVOLUTION
1920

HERE COME THE FERTILIZERS!
1947

FUELING THE FUTURE
1971

POLYETHYLENE PIONEERS
1992

GREEN CHEMISTRY & UPCYCLING
2018-2020

UNBOXING THE FUTURE
2023
Fabrizio
Chairman and
Maire

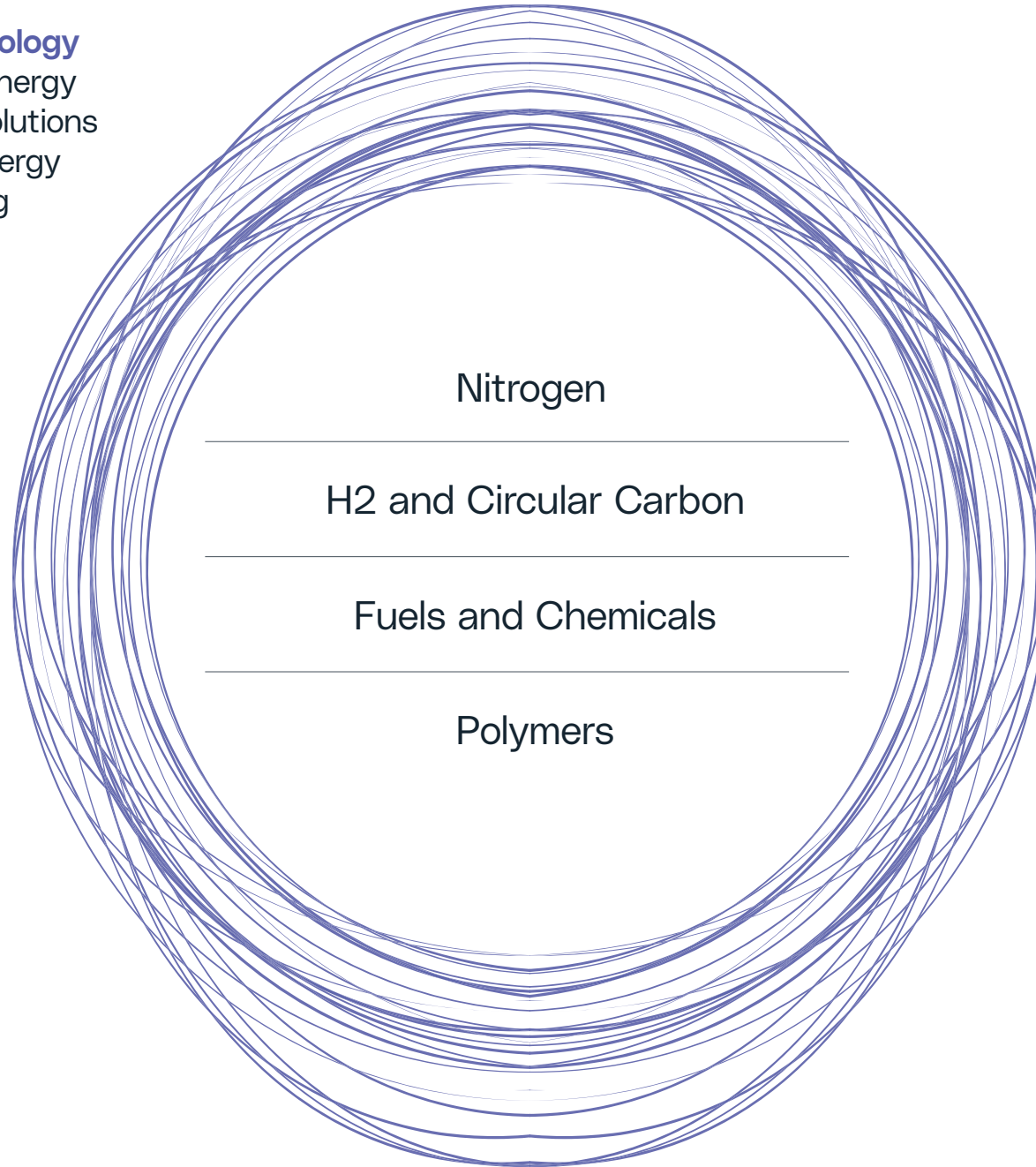
HYDROGEN HORIZONS
2024

MAIRE'S TECHNOLOGICAL ROOTS

NEXTCHEM: THE GREEN ACCELERATION

THE ONGOING BLOOM

We offer **Sustainable Technology Solutions** to fully **ENABLE** energy transition. Our technology solutions are designed to make the energy transition happen by slashing the environmental impact of traditional industries, leveraging our consolidated know-how in hydrogen and carbon-capture technologies, transforming waste into valuable resources like chemicals, fuels, and recycled plastic, finding new processes from non-fossil feedstock.



Process Design Package
Basic Engineering Design

Proprietary Equipment
& Catalysts

Services and
Digital Solutions

Selected Specialty
Solutions

Technology
Licensing

NITROGEN

NX Stami Nitrates™	Optimizing nitric acid production
NX STAMI Green Ammonia™	Futureproof carbon-free ammonia production
NX STAMI Urea™	Innovators in fertilizer plant technology

HYDROGEN AND CIRCULAR CARBON

NX Reform™ Hydrogen	Producing cost-effective, low carbon hydrogen integrating CO ₂ capture technology
NX Reform™ Blue Hydrogen	
NX eBlue™	Reducing natural gas usage and CO ₂ emissions in hydrogen production
NX CPO™	Leading the way in decarbonizing hard-to-abate sectors
NX Decarb™	Optimizing and integrating core carbon capture unit
NX SulphuRec™	Reducing the emissions associated to refinery and natural gas processing
NX HyDep AWE / PEM / AEM	Reliable, high efficiency, high purity and cost-effective electrolysis modules for green H ₂ production
NX Circular™ Hydrogen	Our solution for waste-to-X
NX AdWinHydrogen® Blue	Solutions for large-scale production of hydrogen from natural gas, with low CO ₂ footprint using carbon capture
NX AdWinHydrogen® Green	
NX AdWinAmmonia®	Front-end solutions for large-scale Ammonia production

FUELS AND CHEMICALS

NX SAF™ BIO	Unlocking the opportunity of a sustainable aviation industry
NX Circular™ Methanol / Ethanol	Our solution for waste-to-X
NX Circular™ SAF	
NX CONSER™ C2 Derivatives	Adaptable plant design for tailored production
NX CONSER™ C4 Derivatives	Transforming C4 streams into high-value molecules
NX AdWinMethanol® Suite	Solutions for large scale production of methanol with low CO ₂ footprint, from natural gas, bio feedstock and waste
NX AdWin® EcoReform	Solution to improve the profitability of existing Steam Reformer methanol plants
NX AdWinCombined®	Solutions for large-scale combined production of ammonia and methanol
NX AdWin® Solvent	Solution for the large-scale production of raw gasoline from natural gas

POLYMERS

NX Replast™	Solution for plastic upcycling
NX CONSER™ Aromatics	Driving innovation in TMA technology
NX CONSER™ Duetto	Building a sustainable future through biodegradable plastics
NX CONSER™ Halo-Butyl Rubber	Solution for sustainable butyl rubber synthesis
NX CONSER™ C3 Derivatives	Transforming C3 streams into high-value molecules



DISCOVER
MORE!

