

WE ENABLE  
ENERGY TRANSITION

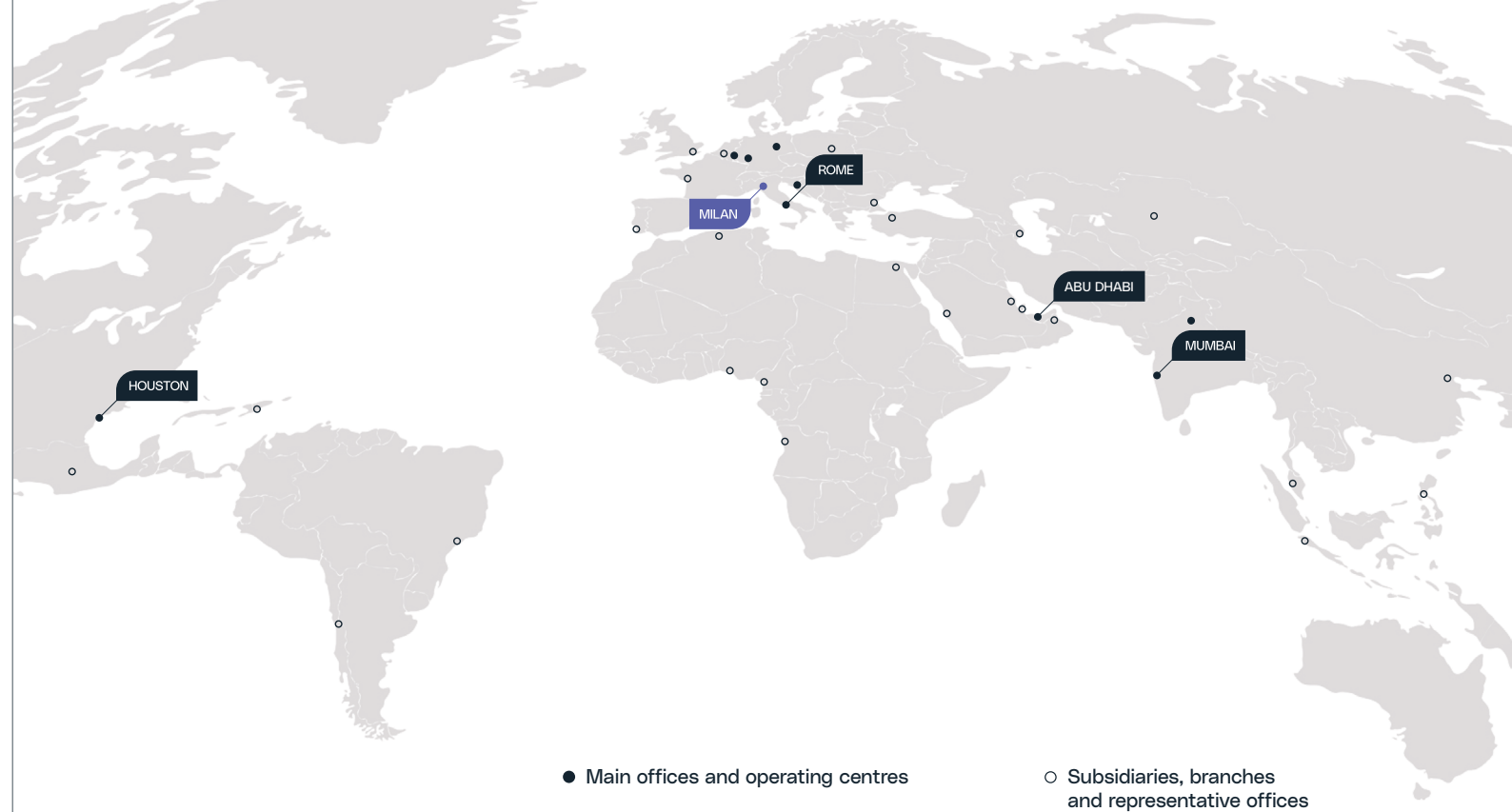
CLAIM

---

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.

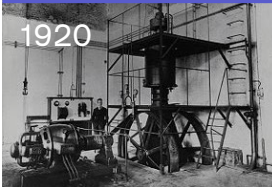
The green acceleration begins: **NEXTCHEM** is launched, spearheading green chemistry and energy transition. The acquisition of **MyReplast Industries** and the creation of **MyRechemical** enhance the group's position in plastic upcycling and waste-to-chemical technologies.

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



## HYDROGEN HORIZONS

2024

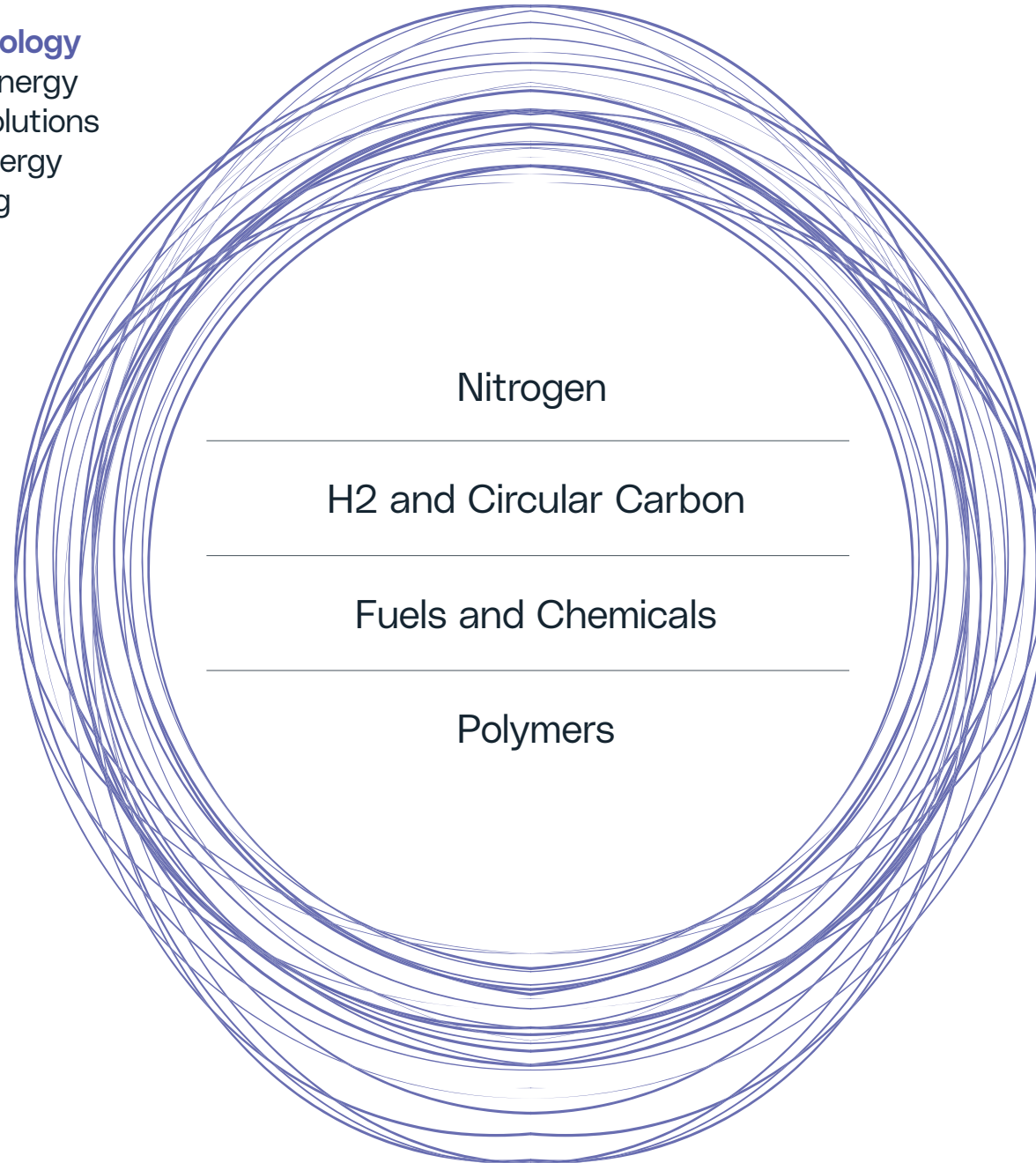


MAIRE'S TECHNOLOGICAL ROOTS

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

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

## HYDROGEN AND CIRCULAR CARBON

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

## FUELS AND CHEMICALS

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

## POLYMERS

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



DISCOVER  
MORE!

