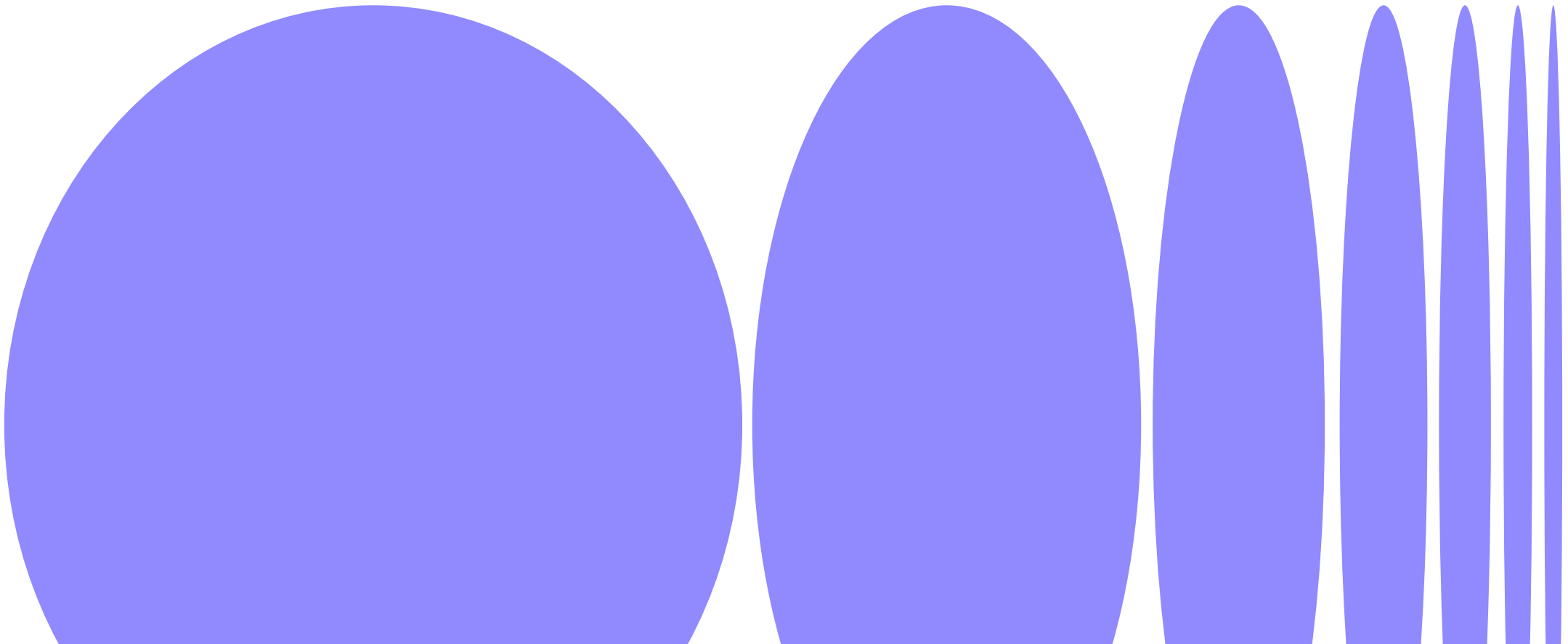


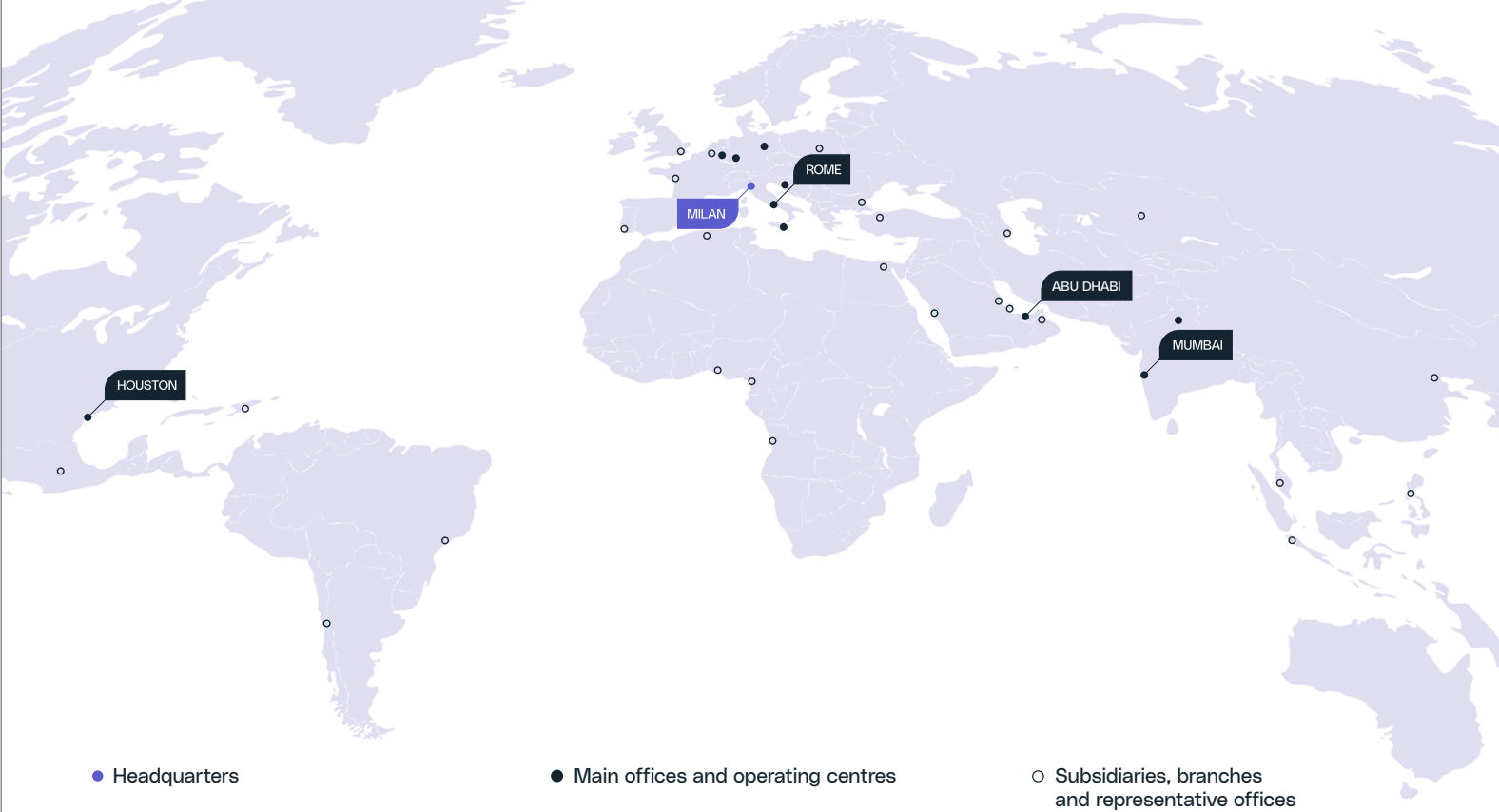
We enable
energy transition



GROUP GLOBAL PRESENCE

NEXTCHEM is MAIRE’s company dedicated to **Sustainable Technology Solutions**.

We enable energy transition through innovative technologies within our three business lines: Sustainable Fertilizers & Nitrogen-Based Fuels, Low-Carbon Energy Vectors, and Sustainable Materials & Circular Solutions.



5.9

Revenues (€ billion)

13.8

Backlog (€ billion)

212.4

Net Income (€ million)



50

Countries



~10,000

Employees

~50,000

People engaged worldwide*

Data as of 31st December, 2024

*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.

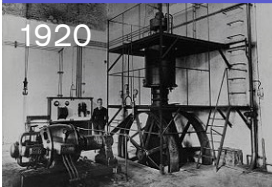
The green acceleration begins: **NEXTCHEM** is launched, spearheading green chemistry and energy transition. The acquisition of **MyReplast Industries** and the creation of **MyRechemical** enhance the Group's position in plastic upcycling and waste-to-chemical technologies.

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



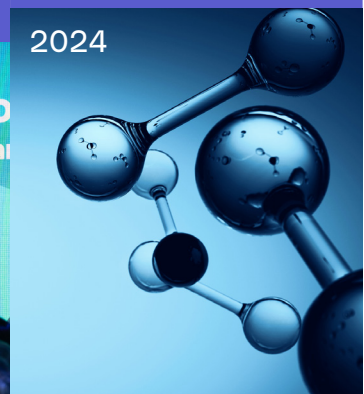
UNBOXING THE FUTURE

2023



HYDROGEN HORIZONS

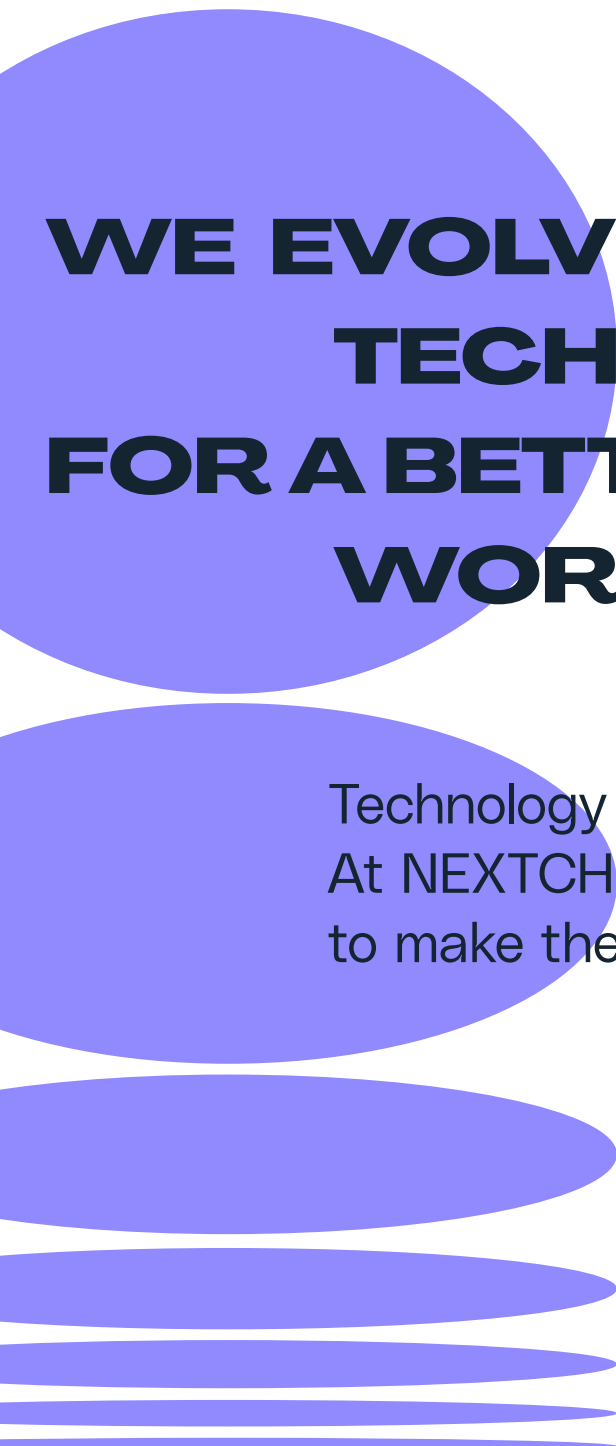
2024



MAIRE'S TECHNOLOGICAL ROOTS

NEXTCHEM: THE GREEN
ACCELERATION

THE ONGOING BLOOM



WE EVOLVE TECHNOLOGY FOR A BETTER WORLD

Technology is powerful.
At NEXTCHEM we use it
to make the difference.

A WIDE RANGE OF MARKET-READY SUSTAINABLE SOLUTIONS

Broad portfolio of proprietary technologies
delivered by cutting edge innovation
and capacity to scale-up

30+ market-ready technologies
protected by ~2,500 patents

Superior process design capabilities

to develop complex schemes
integrating multiple technologies

700+ employees **30+** partnerships
with research centers

End-to-end economically viable solutions

from feedstock to final product
in high-growth market segments

60+ 2023-2024 cumulative awards
widely diversified

DIVERSIFIED OFFERING TO MEET CUSTOMERS NEEDS IN FAST-GROWING MARKETS

Our main goal is to enable a low-emission future through our technological portfolio. We leverage our expertise to serve the decarbonization of industries, from transportation to agriculture, from energy to materials.



Sustainable Fertilizers & Nitrogen-Based Fuels

Driving sustainable nitrogen solutions in **fertilizers**, leveraging our leadership in **urea**, while innovating in **ammonia** for hydrogen transport



Low-Carbon Energy Vectors

Advancing low-carbon energy via **hydrogen** and **CO2 valorization**, powering aviation, shipping, chemicals, as well as **sustainable plastics** innovation



Sustainable Materials & Circular Solutions

Enhancing **circularity** by transforming waste into valuable resources, while using **chemical** and **mechanical recycling** for sustainable material recovery



SUSTAINABLE FERTILIZERS & NITROGEN-BASED FUELS

Nitrogen-based solutions

Technology solutions

NX Stami™ Urea

including Ultra Low Energy design and fluid bed granulation technology

Leaders in fertilizer technology, maximizing energy efficiency

NX Stami™ Nitrates

Optimizing nitric acid production

NX Stami™ Ammonia

Ammonia from low-carbon hydrogen (through ATR or CPO)

NX Stami™ Green Ammonia

Futureproof carbon-free ammonia production



SUSTAINABLE MATERIALS & CIRCULAR SOLUTIONS

Valorizing Waste

Technology solutions

NX Circular™

Valorization of waste through gasification and conversion of syngas into hydrogen, methanol, ethanol, or SAF

NX EnerCircle™

Production of bioenergy from waste biomass

NX Replast™

Upcycling rigid plastic waste into valuable products

NX Re™

Chemical recycling of plastic waste into monomers



LOW-CARBON ENERGY VECTORS

Hydrogen suite, low-carbon fuels and carbon capture, Sulphur recovery and Advanced polymers

NX CPO™

Catalytic partial oxidation

Small scale hydrogen production through syngas for hard to abate

NX Reform™

Steam methane reforming

Small-medium scale hydrogen production from gas (available with carbon capture)

NX eBlue™

Steam methane reforming

Low-carbon hydrogen production with reduced natural gas consumption and lower CO₂ emissions

NX AdWinHydrogen®

Autothermal reforming

Large scale low-carbon hydrogen from gas with high efficiency and capture rates

NX FHYVE™

Reliable and cost-effective electrolysis modules for green hydrogen

NX AdWinMethanol®

Autothermal reforming

Large scale methanol synthesis from gas for a new low-carbon fuel

NX SAF™ BIO

HEFA process, also with pre-treat

Unlocking sustainability of aviation through cost-effective small scale

NX Decarb™

Optimizing and integrating core carbon capture unit

NX SulphuRec™

Sulphur recovery

Abate pollutants in refinery and natural gas processing

NX CONSER™ MAN

Sustainable processes for fine chemicals production

NX CONSER™ Duetto

Building a sustainable future through biodegradable plastics

