October 2024

COMPANY



WHOWEARE

WHO WE ARE

NEXTCHEM is 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.

02

OUR GROUP



PURPOSE

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

MAIRE AT A GLANCE

We are a technology and Engineering Group that develops and implements innovative solutions to enable the Energy Transition.

We offer Sustainable Technology Solutions and Integrated E&C Solutions in nitrogen fertilizers, hydrogen, circular carbon, fuels, chemicals, and polymers.





4.3

Revenues (€ billion)

15.0

Backlog (€ billion)

129.5

Net Income (€ million)



~45

Countries

 $\bigcup_{i=1}^{n}$

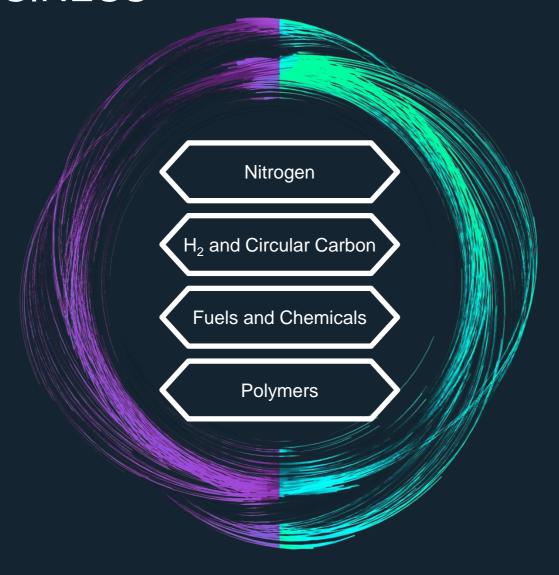
~8,300

29,000+

Employees

People engaged worldwide*

MAIRE CORE BUSINESS



HOME TO THOSE WHO MAKE TO INSPIRE

SUSTAINABLE TECHNOLOGY SOLUTIONS

We offer Sustainable Technology Solutions to fully ENABLE energy transition. Innovative and sustainable processes, optimizing conventional ones and creating new processes from non-fossil feedstock.



INTEGRATED E&C SOLUTIONS

We MAKE energy transition happen through our Integrated E&C Solutions. We bring into reality complex plants and frontier projects designed to provide access to the latest technologies.

PROVIDING TOMORROW'S TECHNOLOGY



MAIRE Sustainable Technology Solutions

Technology Licensing Process Design Package Basic Engineering Design

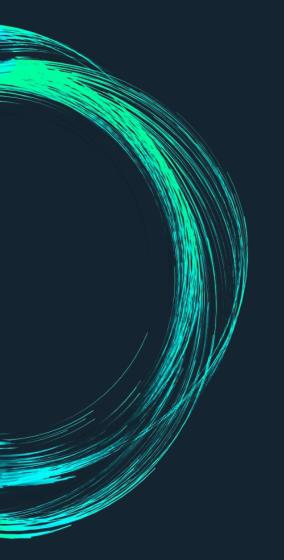
Proprietary Equipment & Catalysts

Services and Digital Solutions

Selected Specialty Solutions



DELIVERING FUTURE-PROOF PLANTS





MAIRE Integrated E&C Solutions

Front End
Engineering Design

Engineering & Procurement

Engineering, Procurement & Construction (management)

Upgrading & Revamping

Operations & Maintenance

PROJECT DEVELOPMENT REMARKS OUR DISTINCTIVENESS



MET DEVELOPMENT

MAIRE Project Development

Investors & Financial Sponsors Involvement **Capital Structuring**

Project Structuring: Feedstock, EPC, Offtake **Public Funding** & Grants Coordination

Co-Development & Partnering



TOGETHER, WE PROPEL THE WAY FORWARD.

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.

TECHNOLOGY EXCELLENCE STRENGTHENED OVER TIME

Fauser Montecatini pioneers the ammonia production process from renewables.

AMMONIA REVOLUTION

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.

HERE COME THE FERTILIZERS!



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.

FUELING THE FUTURE



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

POLYETHYLENE PIONEERS





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.

GREEN CHEMISTRY & UPCYCLING

2018-2020

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

UNBOXING THE FUTURE

2023

recycling.

Fabrizio Di

Chairman and Fou

2024

NEXTCHEM continues its

growth with the acquisition

hydrogen production, while

GasConTec. HyDEP

GasConTec excels in

low-carbon hydrogen,

technologies.

HYDROGEN

HORIZONS

ammonia, and methanol

pioneers proprietary

solutions for green

of **HyDEP** and

MAIRE'S TECHNOLOGICAL ROOTS

NEXTCHEM: THE GREEN ACCELERATION

THE ONGOING BLOOM



INTRODUCING OUR BUSINESS LINES

AT THE FOREFRONT OF INNOVATION, OUR COMPANY IS DEDICATED TO SHAPING A LOW-CARBON FUTURE:

Our expertise is seamlessly integrated into our three business lines providing end-to-end solutions from feedstock to final product.

Together we want to revolutionizing tradition industries such as agriculture, hard to abate, transportation, energy, and manufacturing.

A STREAMLINED STRUCTURE

THREE BUSINESS LINES SERVING MAJOR DRIVING FORCES



Sustainable Fertilizers& Nitrogen-Based Fuels



Low Carbon Energy Vectors



Sustainable Materials& Circular Solutions



MOVE

MAKE

DRIVING INNOVATION ACROSS THREE CORE PILLARS

TO SEIZE THE DECARBONIZATION OPPORTUNITY



Sustainable Fertilizers & Nitrogen-Based Fuels



Low Carbon Energy Vectors



Sustainable
Materials &
Circular Solutions

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

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

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



SUSTAINABLE FERTILIZERS & NITROGEN-BASED FUELS



SUSTAINABLE FERTILIZERS

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)¹

NX STAMI Green Ammonia™

Futureproof carbon-free ammonia production

1. ATR – "Auto Thermal Reforming" and CPO – "Catalytic Partial Oxidation".





LOW CARBON ENERGY VECTORS

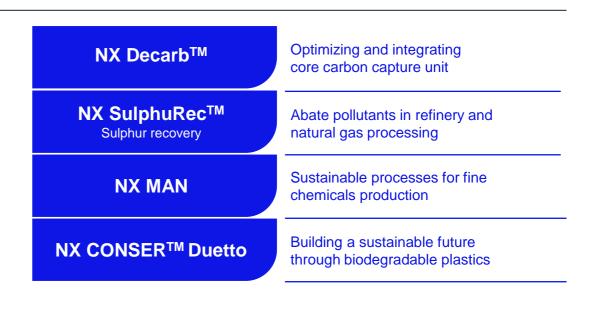


LOW CARBON ENERGY VECTORS

HYDROGEN SUITE, LOW CARBON FUELS AND CARBON CAPTURE, SULPHUR RECOVERY AND ADVANCED POLYMERS

Technology solutions

NX CPO TM Catalytic partial oxidation	Small scale hydrogen production through syngas for hard to abate
NX Reform TM Steam methane reforming	Small-medium scale hydrogen production from gas (available with carbon capture)
NX AdWinHydrogen® Autothermal reforming	Large scale low carbon hydrogen from gas with high efficiency and capture rates
NX HyDEP	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 TM HEFA process, also with pre-treat	Unlocking sustainability of aviation through cost-effective small scale plants





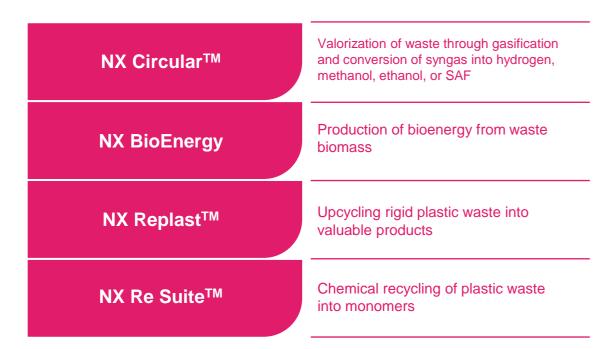
SUSTAINABLE MATERIALS & CIRCULAR SOLUTIONS



SUSTAINABLE MATERIALS & CIRCULAR SOLUTIONS

VALORIZING WASTE

Technology solutions



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