4 April 2024

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EU PFAS RESTRICTION

Responsible innovation advancing sustainability

SYENSQO

Agenda

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02 Our fluorinated chemistry portfolio

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04 Towards technical zero manufacturing emissions

05 Emissions during use and EOL

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01

About Syensqo

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SOLVAY

a resilient market maker

€5.6 bn
2022 net sales

- Soda Ash & Derivatives
- Peroxides
- Silica
- Coatis
- Special Chem

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a market leader in materials & consumers

€7.9 bn
2022 net sales

MATERIALS
- Specialty Polymers
- Composites

CONSUMER & RESOURCES
- Novecare
- Aroma
- Technology Solutions
- Oil and Gas Solutions

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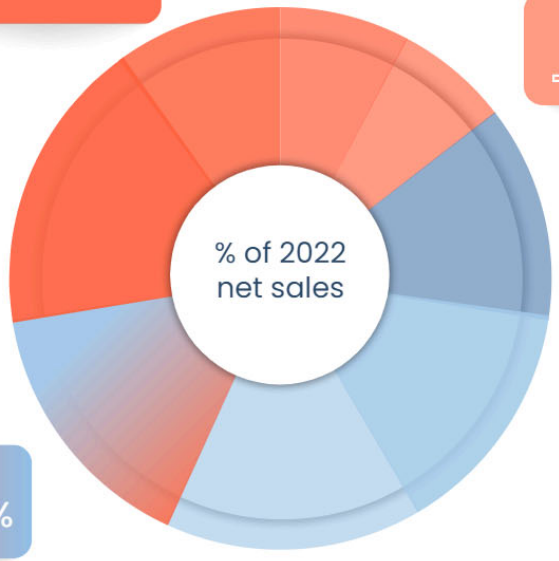
Leadership in growth markets

Materials
Consumers & Resources



Aerospace ~12%

8% Electronics

7% Building & others

Automotive ~16%

13% Agro, Feed & Food

14% Consumer Goods [2]

Industrial Applications [1] 15%

15% Resources & Environment

TOP 3
Market position*

*in ~90% of today's portfolio based on net sales

Source: Management reports
1 Includes: Chemical Industry
2 Includes: Home, Personal & Health Care

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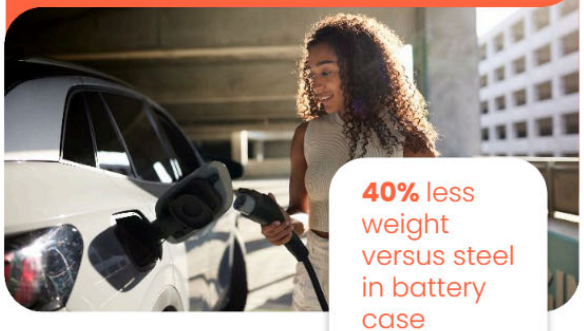
We enable Lightweighting and Electrification

AUTOMOTIVE

We are in
50%
of every EV/ hybrids



40% less weight versus steel in battery case
25% less weight of a car motor

AVIATION

We are in **85%** of flying vehicles

Up to **25%** lower CO2 emissions
5 times stronger than Aluminum

AIR TAXI

Pioneer in developing **Advanced Air Mobility**

Lighter, safer, more autonomy in next generation batteries

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Syensqo in Europe

+6,100
Employees

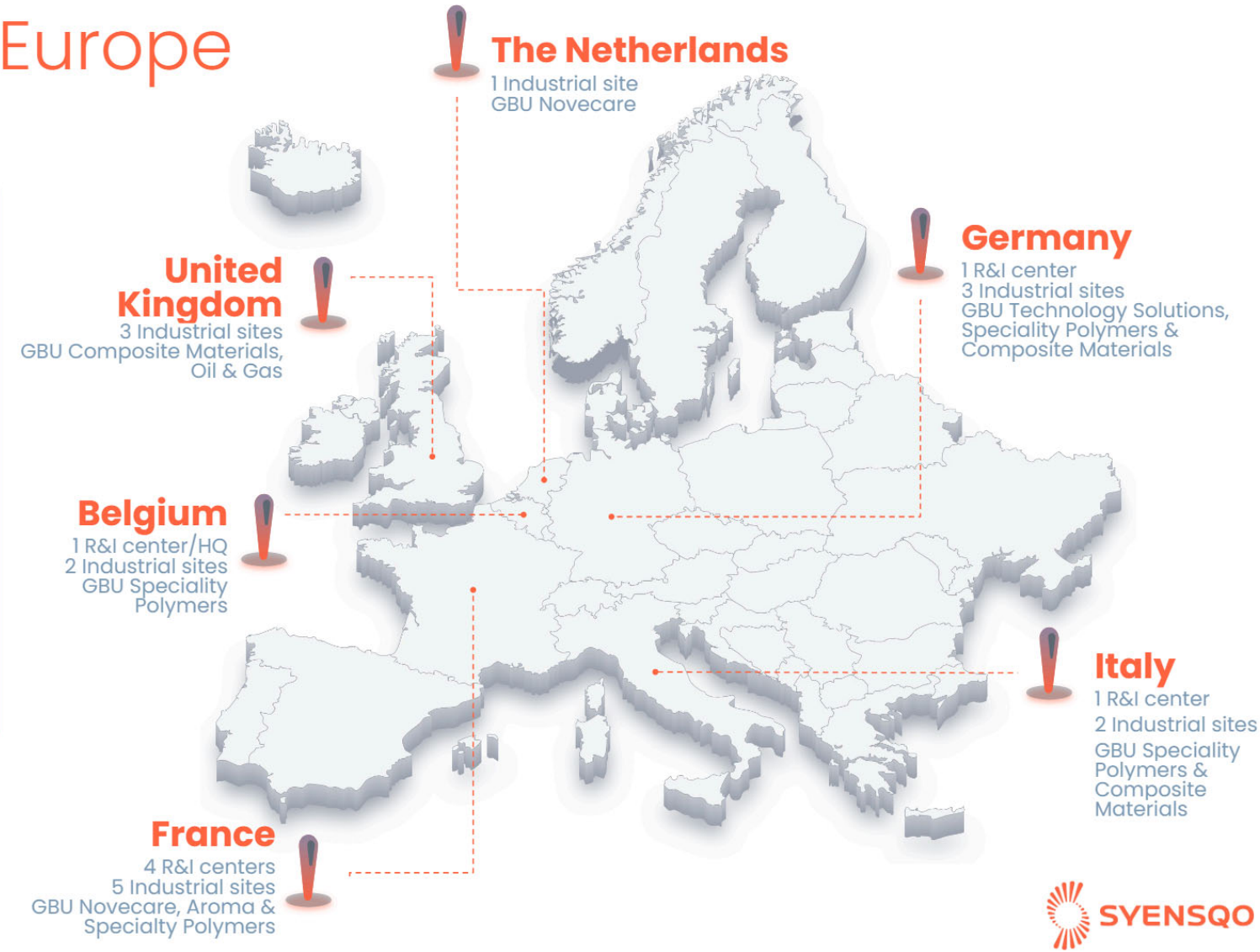
15
Countries

HQ
Brussels

7 R&I Centers
RICB, RICL, RICP, LOF, RICK, RICB

16 Plants
GBU Novecare, GBU Aroma, GBU Specialty Polymers*, GBU Composite Materials, GBU Oil & Gas, GBU Technology solutions

*For innovative applications in transport, electronics, smart devices, household and industrial appliances, electronics, healthcare, environment and construction electronics, buildings



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02

Our fluorinated chemistry portfolio

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What are our **fluoromaterials** and where are they used

Energy Batteries

Binder, Separator
PVDF

Transportation

Sealing (o-rings, sealing, gaskets), lines and hoses in gas systems
FKM, FFKM

Lubricants, greases, synthetic oils
PFPE Fomblin, Galden

O&G

Risers, RTP Pipes, Anti.Corrosion Liners Umbilicals, sealing
PVDF, FKM, FFKM

Semiconductor and Electronics

Semicon Sealing (o-rings, gaskets,)
FKM, FFKM

Semicon heat transfer fluids and lubricants
PFPE galden, Fomblin

Semicon Piping, parts, wet bench
PVDF, ECTFE

Electronics display coatings and Electric components
PFPE Fomblin, Galden

CPI and waste water filtration

CPI industry o-rings, sealing, gaskets, anti-corrosion coating, piping
FKM, FFKM, ECTFE

Lubricants, heat exchangers, greases, synthetic oils
PFPE Fomblin, Galden

Waste Water filtration
PVDF

Hydrogen FC & Water PEM Elect

Membranes and Electrode Binder
AQUIVION ionomer

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Fluoropolymers in Vehicles

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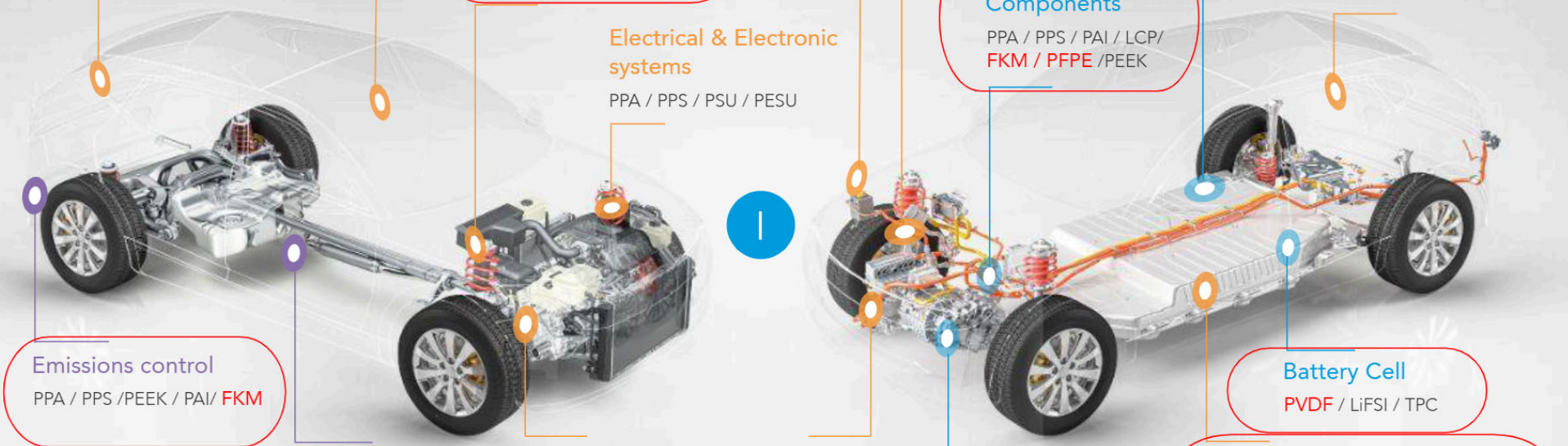

Structural & semi-structural parts
Epoxy prepregs

Seals and Gaskets
FKM

Thermal & air management systems
PPA /FKM / PPS /PEEK / PAI

Electrical & Electronic systems
PPA / PPS / PSU / PESU

Emissions control
PPA / PPS /PEEK / PAI/ FKM

Transmission
PPA / PEEK/PTFE / PAI/PTFE / FKM

Lighting
PPS / PESU / PPA

Lighting
PPS / PESU / PPA

Electrical & Electronic systems
PPA /FKM / PPS /PEEK / PAI

E-motor/eDrive Components
PPA / PPS / PAI / LCP/ FKM / PFPE /PEEK

Power Electronics
PPA / PPS / PARA / HPPA

Battery Pack
MTM®/ VTM®/ LTM® / HTM®

Structural & semi-structural parts
Epoxy prepregs

Battery Cell
PVDF / LiFSI / TPC

Thermal management systems
PPA /FKM / PPS /PEEK / PAI

EV applications
ICE and BEV
ICE applications

SYENSQO
ADVANCING HUMANITY

Battery Materials for cleaner mobility

Leading the way in sustainable batteries

- We are a leading provider of advanced materials and solutions for Lithium-ion and next generation batteries
  - Our unique portfolio of technologies unlocks the full potential of battery cells
  - Our polymers and composite materials help make the battery pack lighter, safer and more resistant
  - We have invested in a pilot line in La Rochelle, France – the most advanced in Europe – to boost battery innovation.
- Committed to providing responsible solutions, leveraging our expertise in metal recovery to enable battery recycling — Partnership with Veolia

Customer centricity is top of mind

- Collaborative innovation through our dedicated transversal platform, bringing together all of Syensqo's technologies and expertise and providing one unique contact point for customers
  - We are the "preferred partner" for a huge technological leap: developing the next generation of batteries by 2030, with the European Battery Alliance of major players across the entire value chain
- Global presence with R&I centers in Bollate (Italy), Aubervilliers (France) and Seoul (South Korea)

More than **€400bn**

invested by OEMs in electrification over the next 10 years

→ Our portfolio addresses the key challenges of the battery industry: energy density; safety; cost; sustainability; and security of supply →

~40%

amount of electric vehicles in global production by 2030

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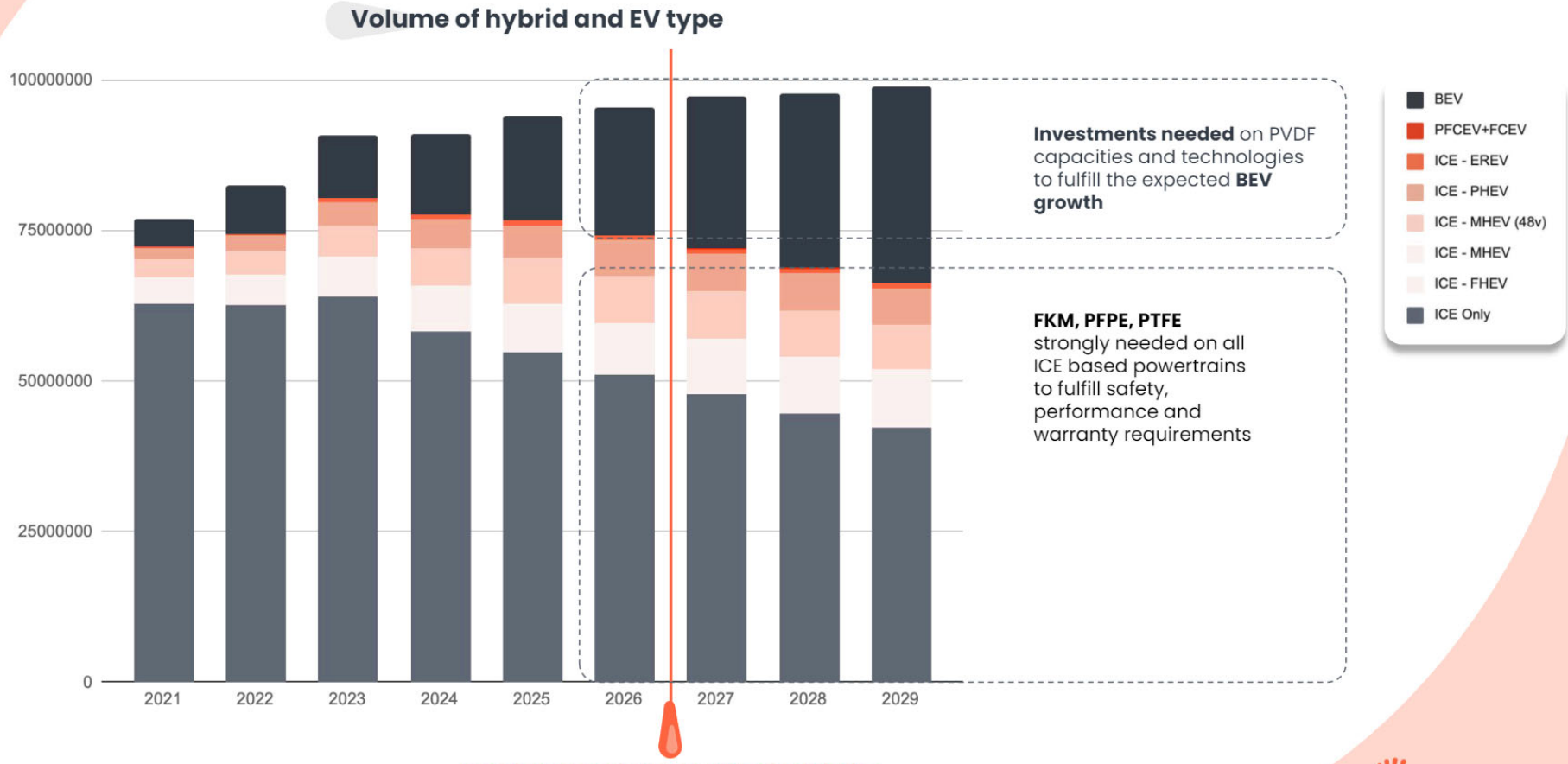
Fluoropolymers in the Automotive Timeline



Source: LMC Global Data (Q4 2023), Global Light Vehicle Powertrain Forecast (Syensqo own elaboration of data)

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03

Syensqo's roadmap to NFS technology

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04

Towards technical zero manufacturing emissions

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Spinetta Marengo

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Responsible Manufacturing: an ongoing journey

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Spinetta Marengo, Italy

- Phase out the use of Fluorosurfactants (completed at 80 % with commitment to reach nearly 100 % by 2026)
- Investment in state-of-the-art technologies
- Continuous improvement of emission treatment technologies to nearly 100% (technical zero)

WATER EMISSIONS | **Reduced by 50% every year,** since 2018* thanks to several investments

AIR EMISSIONS | Fluorosurfactant PFAS emission of the plant per year is comparable to hydrocarbons emissions of **one single EUR6 car/y**

*Up until 2022

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Tavaux

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05

Emissions during use and EOL

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06 Considerations on the proportionality of a ban

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Downstream Users aligned on the importance of Fluoropolymers

Several industry associations asked for an exemption or a derogation for Fluorinated Polymers from the PFAS restriction due to their critical uses

"We request that fluoropolymers (incl.fluoroelastomers and perfluoropolyether) are removed from the scope of the restriction"

ACEA

"The ECHA PFAS restriction proposal is creating high uncertainty for the battery value chain industry and diverting forecasted growth and investment away from the EU."

RECHARGE

"A partial or no derogation outcome will result in a catastrophe for the EU economy and its citizens. The semiconductor industry needs a fully comprehensive derogation."

Semi.org

"Fluoropolymers and substances, such as monomers and processing aids, which are necessary for fluoropolymer manufacture and its production must be exempted from the ban"

VDMA

"Regulatory action should focus on tackling any potential PFAS emissions at all life-stages and not on banning these essential, and low-concern substances. Fluoropolymer production and use shall be exempted from the overall PFAS restriction."

Hydrogen Europe

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Key Takeaways

Non-Fluorosurfactant technology (NFS): For Syensqo, the PFAS story is one of innovation: we are transitioning our products to phase out the use of fluorosurfactants - the PFAS substances under the most intense spotlight.

Responsible Manufacturing: phasing out Fluorosurfactants and using state of the art facilities aiming at "technical zero emissions", is the concrete answer to concerns related the production process of PFAS.

Syensqo is accelerating the transition from linear to a circular economy by addressing the End of Life of its products through new recycling technologies in partnership with downstream users.

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THANK YOU