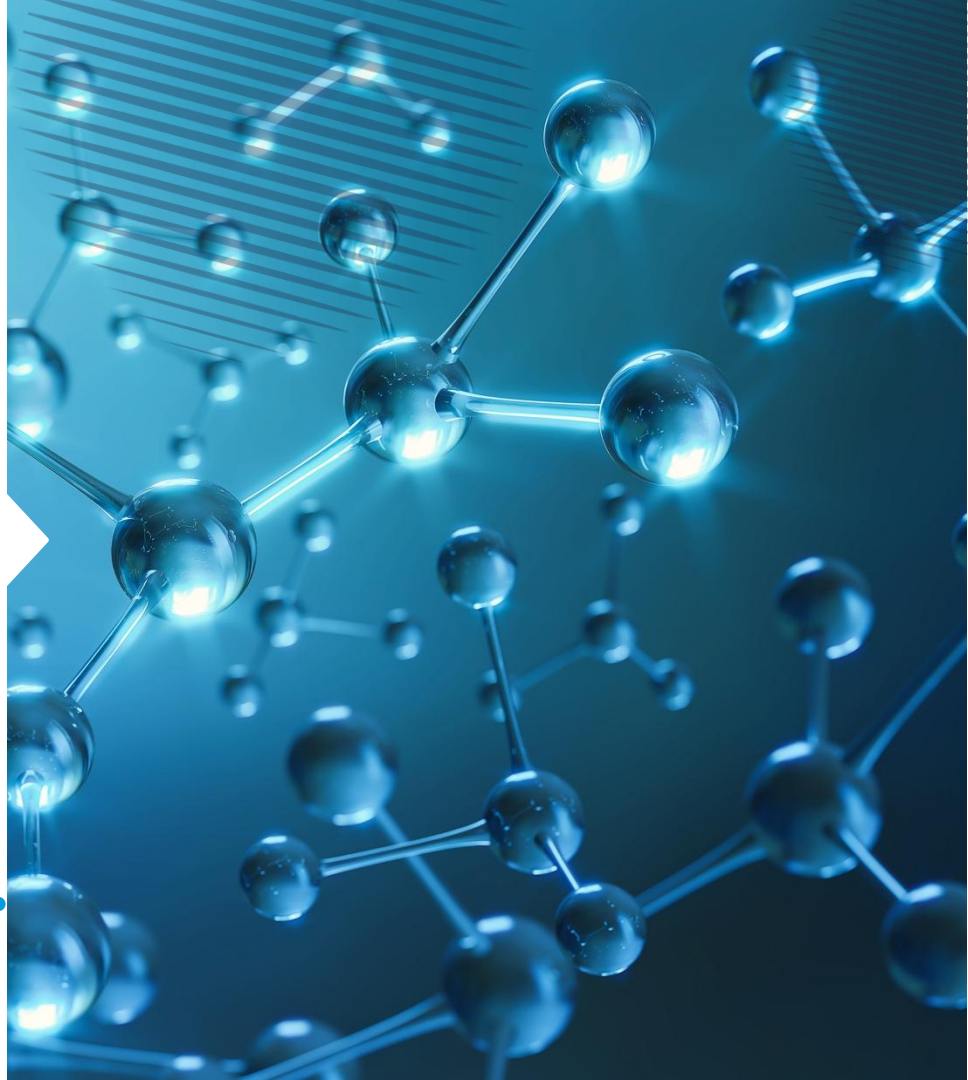


160 YEARS
FOR GENERATIONS TO COME



EU REACH PFAS
Restriction Proposal
BELGIUM -28 MARCH



Fluoropolymers are critical for a sustainable society



Fluoropolymers are critical components for green mobility, digitalization and energy transition



Renewable energy installations



Electric vehicle batteries



Smart devices



Semiconductor manufacturing



Green hydrogen applications



Components for compact engines in hybrid vehicles



Medical device components

SOLVAY'S PRODUCTS ARE:

- Synthetic rubbers with outstanding sealing properties critical for semiconductors, automotive and healthcare industries, also used as mechanical seals for pumps, compressors, valves, and more.
- Resins used as coatings and lubricants offering a protective coat or lining resisting in harsh environments used in automotive and aerospace applications as well as industrial uses.
- Ionomer key materials for electric storage, fuel cells and electrolyzers.

Fluoropolymers offer unique properties that no other polymers can like temperature resistance, chemical resistance and electric & low friction properties



Solvay on PFAS Universal Restriction

Responsible and safe / essentiality

Solvay will actively promote the continued responsible and safe manufacture, use and placement of products which are essential to the European industry and to the decarbonization of the global economy.

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Contradiction with EU strategies

Solvay fully supports the EU's Green Deal and its ambitions on net-zero carbon emission targets, energy transition, green mobility, as well as the EU's ambitions on digitalization and the EU Chips Act. A restriction would have a significant **impact on many different value chains and is in full contradiction with the EU Green Deal objectives as well as with the EU's ambition for green mobility and digitalisation**. Therefore, such critical applications merit a full exemption - or an extended derogation upon evaluation how much time would be needed to develop, industrialize and scale safe and efficient alternatives.

Not all PFAS are the same / differentiate fluoropolymers

Solvay supports clear, science-based regulatory measures on PFAS

We strongly believe that the restriction proposal should differentiate between the various types of PFAS. Fluoropolymers & Perfluoropolyethers meet the OECD's key internationally recognized safety criteria identifying them as polymers of low concern.

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Non fluorosurfactant technology

Solvay views safety as an absolute priority and supports clear, science-based regulatory measures on PFAS. That is why our Group is implementing such measures ahead of schedule. We have already **phased out fluorosurfactants** from a significant part of our manufacturing processes and are advancing on our phase out roadmap toward 2026.

In Europe, Solvay has already pro-actively taken voluntary measures to reduce the impact of PFAS



PHASING OUT THE USE OF FLUROSURFACTANTS



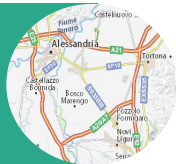
In June 2022 we announced that by 2026 Solvay will manufacture nearly 100% of its fluoropolymers without the use of fluorosurfactants

TECHNICALLY ZERO EMISSIONS of cC6O4



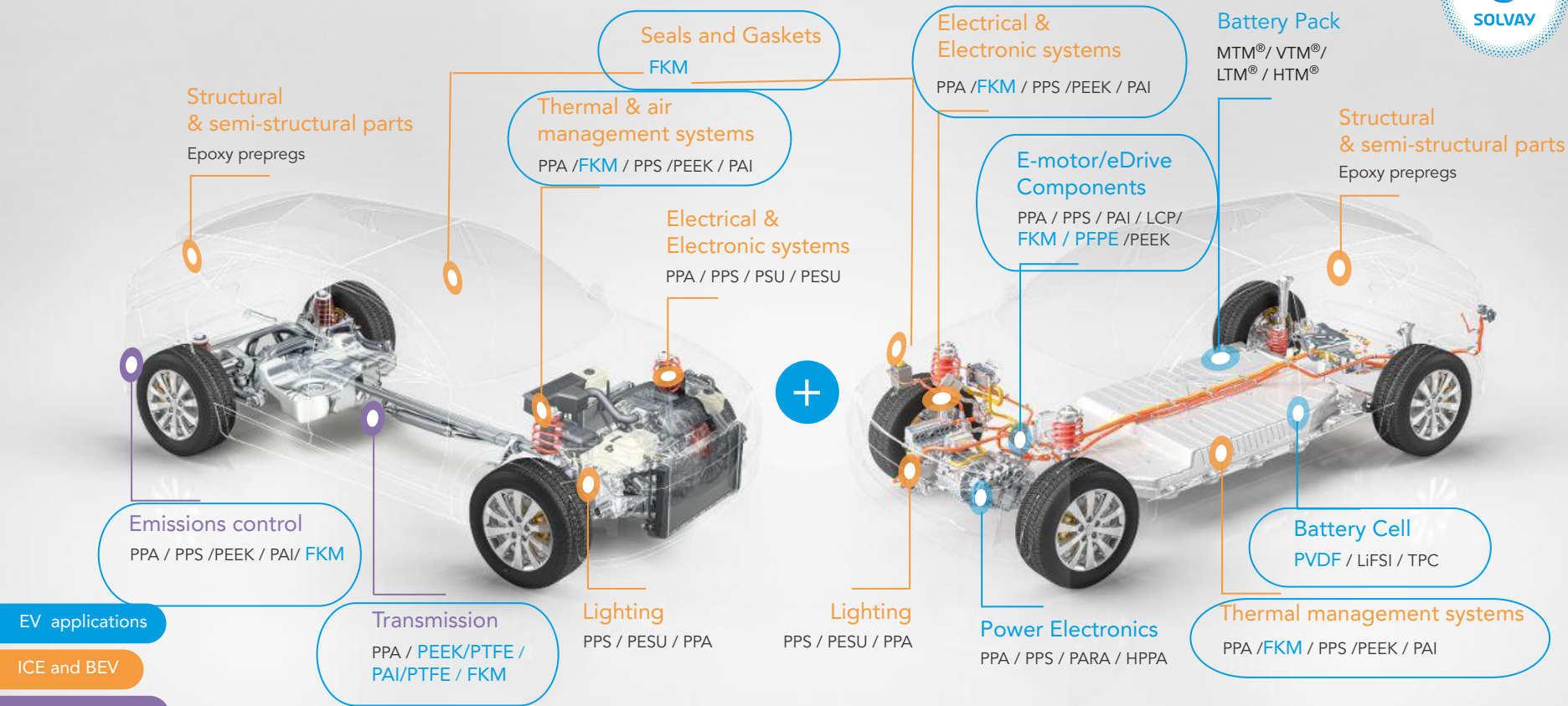
In April 2022 Solvay announced to invest an additional 40 M€ in Reverse Osmosis and Activated Carbons to achieve nearly 100% reduction of fluorosurfactant (cC6O4) emissions in Spinetta. The Reverse Osmosis plant was completed after the summer 2022, while the Activated Carbon is under construction with startup planned June 2023.

REMEDIATION OF HISTORICAL LEGACY POLLUTION



For the remediation of 6 km² around the Spinetta site we allocated 25M€, while we continue the remediation on the Spinetta site (36 M€ invested today and 30 M€ put aside for implementation)

Fluoropolymers Supporting Green Mobility



Role of fluoropolymers in enabling EU Chips Act



Semiconductor manufacturing requires innovative materials of the highest purity and quality to enable next-generation electronics with leading-edge technology. High performance and high purity polymers for structural and internal parts cover all stages of manufacturing

DEPOSITION CVD, PVD, ALD	CMP	ETCHING, CLEANING Dry Etching, Dry CleaningWet Etching, Wet Cleaning	ION IMPLANTATION	WLP	PROBE	PACKAGING	TEST
Vacuum Pumps Fomblin® PFPE for lubricants Chillers Galden® PFPE for Heat Transfer fluid O-rings, Seals Tecnoflon® FFKM Structural Parts KetaSpire® PEEK and Torlon® PAI Internal Parts Torlon® PAI and KetaSpire® PEEK	CMP Structural Parts Halar® ECTFE, Solel® PVDF CMP Retainer Rings Ryton® PPS KetaSpire® PEEK, AvaSpire® PAEK Torlon® PAI CMP Chemical Delivery System Halar® ECTFE Solel® PVDF	Vacuum Pumps Fomblin® PFPE for lubricants Chillers Galden® PFPE for Heat Transfer fluid O-rings, Seals Tecnoflon® FFKM Structural Parts KetaSpire® PEEK and Torlon® PAI Internal Parts Torlon® PAI and KetaSpire® PEEK Gas Sifren® for Etching Gas	Dopant Gas O-rings, Seals Tecnoflon® FFKM Internal Parts Torlon® PAI and KetaSpire® PEEK	Dielectric Materials	Heat Transfer Fluids Galden® PFPE Probe Card Torlon® PAI	MRF Halar® ECTFE IC Tray Veradel® PESU Udel® PSU FC BGA Boat & High T Tray Torlon® PAI Lavanta® HPP	Test Socket Veradel® PESU Udel® PSU KetaSpire® PEEK Torlon® PAI Test Handler Veradel® PESU Udel® PSU
UPW Piping System Solel® PVDF, KetaSpire® PEEK		Ducts Halar® ECTFE		Chemical Delivery System Solel® PVDF, Halar® ECTFE			