Solvay Overview for Investors

March 2023

Forenote



This presentation may contain forward-looking information. Forward-looking statements describe expectations, plans, strategies, goals, future events or intentions. The achievement of forward-looking statements contained in this presentation is subject to risks and uncertainties relating to a number of factors, including general economic factors, interest rate and foreign currency exchange rate fluctuations, changing market conditions, product competition, the nature of product development, impact of acquisitions and divestitures, restructurings, products withdrawals, regulatory approval processes, all-in scenario of R&D projects and other unusual items. Consequently, actual results or future events may differ materially from those expressed or implied by such forward-looking statements.

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This document does not constitute an offer to sell, or the solicitation of an offer to subscribe for or buy, any securities.

Solvay Today

We are a science company whose technologies bring benefits to many aspects of daily life.

Our innovative solutions contribute to safer, cleaner, and more sustainable products found in homes, food and consumer goods, planes, cars, batteries, smart devices, health care applications, water and air purification systems.

Our Group seeks to create sustainable shared value for all, notably through its Solvay One Planet plan crafted around three pillars: protecting the climate, preserving resources and fostering better life.







A worldwide network of researchers connected to academic partners





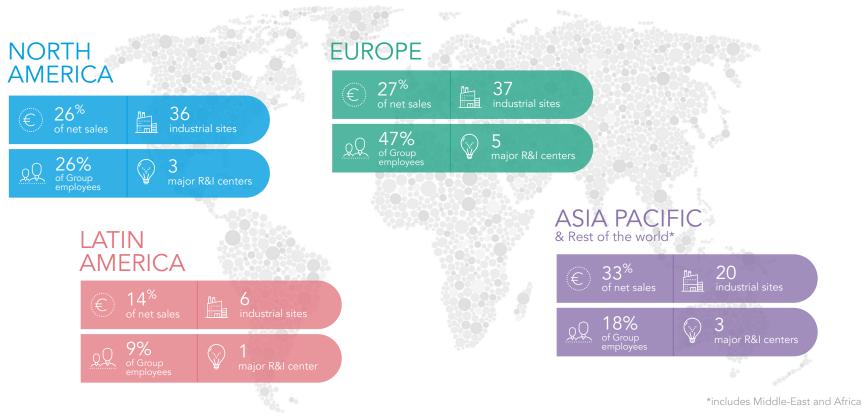
SOLVAY

*According to our Sustainable Portfolio Management methodology **Net sales generated by products less than 5 years old

A balanced presence to better serve our customers



2022 figures



Solvay Group presentation 2022



Three agile business segments to G.R.O.W. with our customers

MATERIALS

38% of Group EBITDA¹

Our unique portfolio of highperformance polymers & composite technologies is primarily used in sustainable mobility applications to reduce weight, improving CO₂ efficiency. Our advanced materials also serve Healthcare and Electronics.

GBU: Specialty Polymers and Composite Materials

Lightweighting, Electrification, Expanding Healthcare, IOT/Digitalization, Resource efficiency

CHEMICALS

35% of Group EBITDA¹

Our businesses are world-leaders in essential chemicals to daily life. These chemical intermediates are used in a broad range of applications, serving end-markets like Food, Healthcare, Personal & Home care, Environment, Building and Industry.

GBUs: Soda Ash & Derivatives, Peroxides, Silica, Coatis

Resource efficiency, Expanding Healthcare

SOLUTIONS

27% of Group EBITDA¹

Thanks to our unique formulation and application expertise, we provide customized specialty formulations that minimize environmental impact, serving end-markets like Agro, Food, Consumer goods, Mining and Electronics.

GBUs: Novecare, Technology Solutions, Aroma Performance, Oil & Gas

IoT/Digitalization, Resource efficiency, Eco-friendly solutions

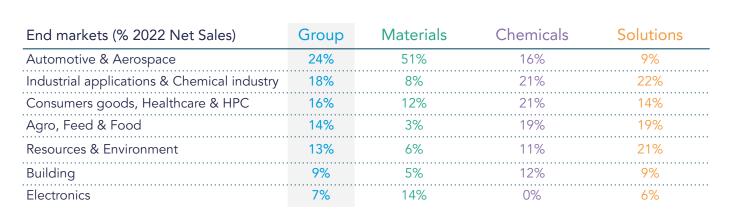


1: excluding the contribution from corporate and business services

Market segment & region annual figures



Region (% 2022 Net Sales)	Group	Materials	Chemicals	Solutions
Europe	27%	28%	34%	19%
North America	26%	30%	16%	32%
Latin America	14%	3%	25%	13%
Asia and rest of the world	33%	38%	25%	36%







55% Net sales generated by sustainable solutions

Innovating through our Growth platforms





Our Battery Materials Platform: Innovating 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 the battery pack become lighter, more resistant, and safer
- Investing in a pilot line in La Rochelle, France, the most advanced one in Europe, to boost battery innovation.

 Committed to providing responsible solutions, leveraging our expertise in metal recovery to enable battery recycling --Partnership with Veolia and Renault

Customer Centricity is top of mind



SOLVAY

- Collaborative innovation through our dedicated transversal platform gathering all of the Group's technologies and expertise, providing one unique contact for customers
 - Solvay 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 local technical support to our customers in our Battery Application Development centers in Seoul (South Korea) and in Bollate (Italy)



Accelerate the development of better performing affordable, sustainable batteries

Accelerating innovation in Thermoplastic Composites

A key enabler for demanding applications across industries



- 30 to 50% lighter than metals
- Tough, durable and chemically resistant material that meets structural needs in challenging environments
- Inherently more recyclable with options to be bio-based
- Thermoplastic composites (TPC) allow for shorter production cycle times, enabling high-rate production for composite parts

Why Solvay?

- End-to-end
 innovation under one roof: from molecules to composites
- The only player on the market with a diversified portfolio of specialty polymers and composite processing technologies to meet the needs of all applications

SOLVA

• We co-innovate with customers, from concept to commercial application, through our state-of-the-art application and product development centers in Brussels and Alpharetta.

Solvay is committed to fully industrialize TPC manufacturing to meet growing demand across industries, including emerging markets such as Urban Air Mobility

Boosting the progress of a Green Hydrogen economy

Focused on enabling materials for green hydrogen

Hore cost-efficient Electrolyzers, a key enabler for shifting to green H2

- Aquivion $^{\scriptscriptstyle (\! R \!)}$ ionomers for proton exchange membrane (PEM) electrolyzers
- Higher performing Fuel Cells for a zero-emission economy
 - Aquivion[®] product line for heavy-duty, long haul fleet PEM fuel cells
 - Advanced electrolytes solutions for solid-oxide fuel cells used in stationary, heat and power applications
 - Portfolio of high-performance materials for power trains
- ---- Developing solutions for safe, effective storage and transportation of hydrogen

We are committed to green hydrogen

- SteerCo Member of the Hydrogen Council, a global CEO-led initiative that brings together leading companies with a united vision and long-term ambition for hydrogen to foster the clean energy transition
- A dedicated transversal platform gathering all of the Group's hydrogen technologies and expertise, providing one unique contact point for customers
- Decades of experience in producing and using hydrogen for our own needs



Green hydrogen is a key lever for the decarbonization of hard-to-abate sectors such as transport and industry, helping the fight against global climate change



SOLVA

Developing innovative and sustainable solutions using Renewable Materials and Biotechnology Embedding circularity in our businesses



Renewable Carbon

OBJECTIVE: significantly increase the content of renewable carbon in Solvay's product offerings

DRIVERS:

- Development of more environmental-friendly, natural and circular products
- Establish alliances along the value-chain to secure access to raw materials and value

Focus on the $\ensuremath{\mathsf{ORIGIN}}$

MAIN OBJECTIVE: develop <u>biodegradable</u> <u>by design</u> technologies to manage the end-of-life of our products striving toward zero environmental pollution



Biotechnology

OBJECTIVE: strengthen and expand our customer base through new growth businesses enabled by biotechnology

DRIVERS:

- Develop new value propositions aligned with fast evolving consumer/customer expectations
- Focus on open innovation to address knowledge gaps and seize growth opportunities

Focus on the TECHNOLOGY

Biodegradability

DRIVERS

- Delivering safe and sustainable solutions to our customers
- Adapt to evolving regulatory landscape EU Green Deal, Chemicals Strategy for Sustainability (CSS)

Focus on product END-OF-LIFE

2030 Solvay One Planet goals



	•
CLIMATE	•
	•

RESOURCES

- Align greenhouse gas emissions with Paris Agreement
- Phase out coal solid fuels
- Reduce negative pressure on biodiversity

• Increase Sustainable Solutions revenues

- Increase Circularity
- Reduce non-recoverable industrial waste
- Reduce intake of freshwater



- Safety is a priority
- Accelerate Inclusion & Diversity
- Extend maternity leave and to all co-parents

Reduce by 30% (-2%/y) Exit 5 plants 30% reduction





Achieve 65% vs 50% More than double (10%) 30% reduction 25% reduction



Aim for zero accident

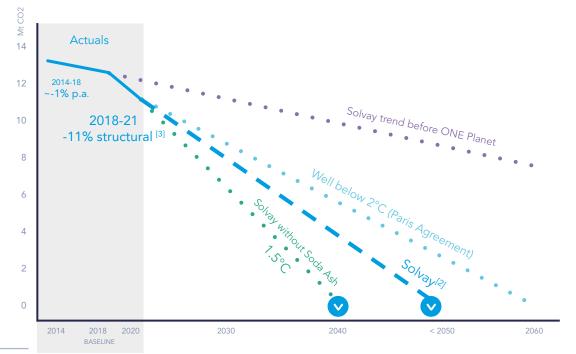
Parity in 2035 vs 24% for mid & senior management 16 weeks in 2021

2018 baseline





New carbon neutrality^[1] ambition before 2050



[1] Scope 1+2 GHG emissions

[2] Visualization of the theoretical path to achieve Solvay's GHG reduction targets vs public benchmarks. Annual fluctuations may differ.
 [3] Excluding the impact from Covid reduced activities

[4] Against a 2018 baseline incorporating 90% of the Group total scope 3 GHG emissions activities

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Solvay Overview for Investors

OUR COMMITMENTS

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Paris

2020

2021

2022

Agreement

before 2050



-24% scope 3 GHG emissions by 2030^[4]

Targets submitted to SBTi

Carbon neutrality^[1]

Strong credentials: Our performance is recognised

MSCI ESG RATINGS

A rating (scale AAA to CCC)

wbcsd

Reporting Matters In the top 10 reports



B- rating Prime company

ecovadis

Top 2%

MOODY'S | ESG Solutions

#6/39 in the sector

CDP

A-Scale A to D



Recognition on Biodiversity



FTSE4Good

Member of FTSE4Good

C*chemsec **CHEM**SCORE

Scale A+ to D-



A radical transformation in just 3 years



SOLVAY

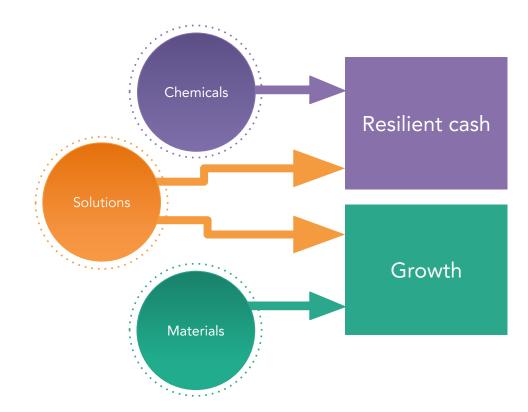
A stronger and better company

	2024 G.R.O.W. Targets, set in Nov 2019		2022 Achievements	Improvement 2019-2022
Net sales	-		€13,426m	9.7% CAGR (organic)
Underlying EBITDA	Mid-single digit growth (annual average growth)	\bigotimes	€3,229m	12.1% CAGR (organic)
Margin	-		24.0%	+1.3pp
Costs savings	Exceed €350m annual run rate (raised to €500m) ^[1]	\bigotimes	€79m	€467m cumul.
FCF	-		€1,094m	+€3,506m cumul.
FCF Conversion	Exceed 30% ^[2]	\bigotimes	34%	+6.1pp
Working capital	Reduce WC/sales ratio by 2pp	\bigotimes	12%	-3.5pp
Cashout (interest payments & pension cash service)	Reduction by €75m (pensions >40, interests >35)	\bigotimes	€245m	-€204m
Underlying Net Debt	-		€3,591m	-€1,795m
Leverage	-		1.1x	-1.0x
Pensions liabilities	-		€1,057m	-€1,637m
ROCE	Exceed 11%	\bigotimes	16.0%	+7.9pp

[1] Original target set in 2020 and upgraded to €500m run rate by 2024 [2] Total FCF to Shareholders: 2019-22: €3.5B

We are now 'Fit'...

...and ready to change the game



- Every business is delivering
- Solutions segment fully Optimized
- Strong financial foundation established
- Best-in-class business leaders
- Decisive, unified culture, with proven record in overcoming crises

SOLVAY

Essential Co



MARKET POSITION

Soda Ash & Derivatives

Peroxides



#1

Silica

Others (Coatis, Special Chem)

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Soda Ash (global) Bicarbonate (global)

Hydrogen Peroxide (global)

Silica for tires (global)

Coatis (Latin America) Rare earths for automotive catalysts (global)

€5.5bn

2022 Net sales



Specialty Co



MARKET POSITION

MATERIALS				gen,	
	Composites #2 #1		Composites for civil aerospace Composites for defense	€7.9bn	
CONSUMER & RESOURCES	Novecare	#2	Specialty surfactants and polymers	2022 Net sales	
	Aroma	#1	Flavors & Fragrances; Natural Vanillin		
	Technology solutions Oil & Gas	#1	Mining reagents		



Fundamentals of the two entities

ntals ว	EssentialCo	SpecialtyCo
Fundamentals	Supply/demand, Lean	Product innovation to solve customer's needs
Commercial	Pricing discipline, contracting management, standard offering / one service model	Application-driven, differentiated customer approach & service
Innovation	Process innovation	Technology & customer-driven innovation
Operational model	Operational excellence Lean and resilient supply chain and SG&A, optimized for large volumes and low cost	Flexibility in asset configuration to serve variety of customer needs Made to order, more flexible
Capital structure	Prudent financial policy	Committed to a strong investment-grade rating
	Maximize cash generation and enhance cost leadership Solvay Overview for Investors	Achieve above market growth and strong returns

2023 opens a new chapter



SOLVAY

Why invest?

We aim to reshape the global chemical industry by delivering solutions that meet the world's sustainability challenges and provide critical solutions in fast-growth markets.

We focus on creating long-term value and we do so efficiently, which results in steady annual revenue and cash generation, a strong track record of continued shareholders distribution with a stable dividend, and one of the highest margins among our competitors. And above all, sustainable value creation is at the core of the way we conduct business.



Future growth potential fuelled by megatrends

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Global scale, diversity of products and end-markets, reliable infrastructure



Key leadership positions

Customer partnerships

drive innovation



Proven resilience through Crises



Bold ESG Ambition with Solvay ONE Planet

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