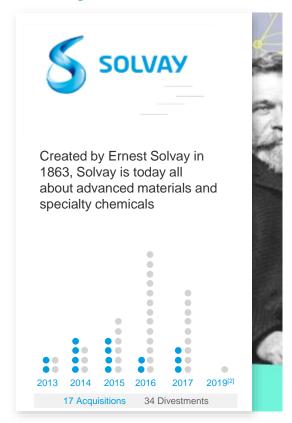






Solvay ID





Advanced Materials Advanced Formulations Performance Chemicals



Automotive & aerospace
Electrical & electronics
Resources & environment
Agro, feed & food
Consumer goods & healthcare
Building & construction
Industrial applications



Europe North America Latin America Asia & RoW





Top 3

market
position1

24,500 people 125 ind. sites 21 R&I sites 62 countries

ncluding discontinued operations



- [1] Applicable to ~90% of portfolio
- [2] Planned divestment of Polyamides

STRATEGIC CHOICES RESPOND TO MEGATRENDS

Resource constraints & increased sustainability demand



Evolving demography & consumers behaviors

Growing world population



Innovation acceleration



Fight for talents



Competition for space, lands

Climate change

Competition of resource usage



20

Aging society

Health and wellness

Changing balance of economic power



Digitalization & mobility





Information age

Acceleration of cycles









A HIGHLY FOCUSED STRATEGIC JOURNEY

2012 - 2018

2019-2021+









RESSOURCES WE USE



People

- 100 nationalities
- 24, 500 employees
- 8% working in R&I
- 23% women



Financial

- €711 million of capex from continuing operations invested
- €352 million invested in R&I
- €8 bn Equity attributable to Solvay share
- €5.1 bn Underlying net debt



Natural resources

- €0.65 bn energy coasts
- €2.8 bn raw materials expenses
- 127 pj Energy consumption
- 488 M m3 total water intake



OUR CORE STRENGHTS



MARKETS WE SERVE



Industrial







Healthcare Electronics

NEXT GENERATION MOBILITY Aerospace Automotive









Consumer

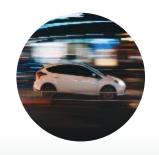


Food



MORE SUSTAINABLE MOBILITY

Doing more with less







AUTOMOTIVE

AEROSPACE

BATTERIES

↑ MORE

Cleaner and more energy-efficient mobility

Enhanced lightweighting & fuel efficiency

Higher performance and energy storage

↓ LESS

Reduce impact to environment

Reduce CO₂ emissions

Reduce cost per kWh

~50% of Advanced Materials sales



RESOURCE CONSTRAINTS REQUIRE MORE EFFICIENT

SOLUTIONS

Doing more







with less

MINING

Higher throughput

OIL & GAS

AGRO









Targeted use of ingredients for seeds & crops



Reduce impact to employees and environment

Less clean water usage

Reduce environmental impact

~42% of Advanced Formulations sales



HOW WE WIN OUR COMMITTED TALENTS



Solvay Cares





HOW WE WIN INNOVATION A KEY ENABLER OF CUSTOMER-INTIMACY



21 R&I centers € 352 m Investments 2,200 R&I employees

R&I ecosystem

18%

New sales ratio > 75%

R&I pipeline in "Sustainable Solutions" 264

Patent applications

Dynamic innovation portfolio management

1,500

Intellectual Property agreements

€ 80 m

Venture investments 15

Digital Industrial **Plants**





LISTENING TO CUSTOMERS TO DEVELOP OPPORTUNITIES



SolvaLite[™]

40% lighter than metal Faster cure **Composites**



FUSEPLYTM

improved build rates and lightweighting **Composites**



Jaguar® C162

Less irritant
Better resource efficiency
Polymers



AgRHO®

- · more nutritional value and less waste
- \bullet for yields of over 20-30%

Surfactants



Kalix® bio-based

40% of petrol consumption reduced **Polyamide**



Rhovanil® Natural CW

- · Sustainable sourcing and process
- New purification process to vanillin (99,5%) **Aroma and flagrance**



VALUE WE CREATE

Providing sustainable solutions to Customers

- > 80% of our portfolio assessed with SPM
- 50% net sales with sustainable solutions
- 42% net promoter score

Environmental footprint

5.5 kg CO2 eq. per €EBITDA GHG intensity

32.4 thousand tons Industrial hazardous waste

7 thousand tons Nitrogen oxides

3.7 thousand tons Sulfur oxides

People

76% employee engagement index

0.54 Occupational accidents per million hours worked 9% employee turnover

Suppliers

- **-** 40,000 suppliers
- 810 critical suppliers
- 76% local suppliers

Local communities

33% employees involved in local societal actions

Investors & shareholders

Dividend growth over 30 years

€2.2 bn Underlying EBITDA 6.9% CFROI

€830 M FCF from continuing operations

€3.75 dividend per share



CONSTANTLY FOCUSED TO RESPECT OUR COMMITMENTS





PROGRESS ON 2025 SUSTAINABILITY OBJECTIVES













ABSOLUTE REDUCTION IN GHG EMISSIONS HIGHER GROWTH & REDUCED STRATEGIC RISK





- → -1MT by 2025
- → -20% emissions reduction vs no action scenario
- ✓ Coherent and integrated into our operations
 - Operational CAPEX: CO₂ €25/t
 - Strategic SPM: CO₂ €75/t
 - → Governance 20% long term incentives
- ✓ Proactive engagement with key customers



LINKING SOLVAY'S SUSTAINABILITY EFFORT TO COST OF CREDIT

WHAT

 Agreement of the new terms in existing €2 billion revolving credit facility linking the cost of credit to a reduction in greenhouse gases

WHY

- To integrate sustainability into all key aspects of our business
- To be in the front line of future cost differenciation based on financial and extra-financial scoring
- Initial step of successful teaming up with our banks

IMPACT



- Discount/premium to reflect the breakthrough CO2 emission reduction objective
- Recognition of the collective efforts towards more sustainability



SODA ASH ENERGY TRANSITION EXAMPLES



Rheinberg, Germany

Efficiency programs to secure customer supplies

A new woodpower biomass boiler at Soda Ash plant

- Cutting the site's CO2 emissions by 30% or 190 kt/year
- Scheduled to be on stream in May, 2021

Other initiatives to curb the carbon footprint of soda ash production:

- New energy-efficient gas turbine in Rosignano, Italy
- Modernization of the gas cogeneration unit in Bernburg, Germany

At soda ash and bicarbonate plants

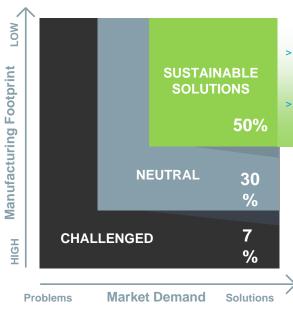
- Increase of the production capacity of soda ash by 500 kt and sodium bicarbonate by 100kt in the next two year
- Use of data analytics, digital projects and selective debottlenecking





INTEGRATING SUSTAINABILITY INTO DECISION-MAKING DRIVES SUPERIOR FINANCIAL VALUE GROWTH

Target is to cover at least >80% of business revenue



 higher social and environmental contribution to customer performance

lower environmental impact in its production phase

Solvay Solutions

- Climate Change (29%)
- Resource Efficiency (17%)
- Safety & Prevention (12%)
- Very low environmental manufacturing footprint (13%)
- Human Toxicity (5%)
- Environment Toxicity (5%)

Neutral

PACs which do not have outstanding sustainability performance, if any

Challenges

Sustainability concern resulting

from sustainability drivers in the marketplace, or serious manufacturing challenges



M&A



60% CAPEX



80% R&I



SOLVAY WALL APPROACH AND MANAGEMENT CONSTANTLY IMPROVING HOW WE DO BUSINESS

Solvay Way is our CSR approach: it translates our ambitions for more sustainable development into concrete actions and clear responsibilities

A key reference framework: 22 Commitments towards our 6 Stakeholders

- 49 practices, from the highest level of management to the operational level.
- Self assessment each year to evaluate our progress in sustainability
 Supported by a Solvay Way Network: more than 200 "Champions" and "Correspondents"
 Global Profit sharing includes Solvay Way performance for all employees















PROMOTING DIVERSITY OF TEAMS BY CREATING AN INCLUSIVE CULTURE

- 2017 Diversity and Inclusion considered as highly material for the Group
- By 2020, 20% of senior executive positions to be women

- Promoting a diversity and inclusion mindset in the group's sites is key to ensure open-mindedness among teams, which is recognized as a major value to enable better business decisions in everyday operations.
- Assessing the processes in place in the sites to ensure that a diversity and inclusion mindset is adopted by all employees.





AN EXPERIENCED, DIVERSIFIED AND PROACTIVE BOARD OF DIRECTORS



- Reviews the Group strategy and strategic projects and performance
- Oversight of sustainability policy, risk management and management succession planning
- High Board meeting attendance of 97%
- Regular evaluation by an independent third party



Board of Directors Tenure Mix





Chemical sector

Finance

Industrial expertise

Energy

Digital and IT services

Research







SOLVAY BOARD COMPOSITION: 15 DIRECTORS MAJORITY OF INDEPENDENT* NON EXECUTIVE DIRECTORS



Nicolas Boël CHAIRMAN OF THE BOARD



Charles Casimir-Lambert



Jean-Marie Solvav



de Laquiche





Françoise de Viron



Amparo Moraleda

Hervé Coppens d'Eeckenbrugge

Evelyn du Monceau



Agnès Lemarchand



Gilles Michel

Rosemary Thorne



Marjan Oudeman



Matti Lievonen



Philippe Tournay

ILHAM KADRI



Chair of the Executive Committee

- Vast experience in leading multinationals
- Knowledge of Solvay strategic markets
- Strong customer-focused mindset



Independent directors



Less than 4 years appointment



5-12 years appointment





SUSTAINABILITY STRONGLY EMBEDDED IN BOARD AGENDA



Group strategy

- Major investment decisions include a sustainability challenge that encompasses an exhaustive Sustainable Portfolio Management analysis of the potential investment
- CO2 price integrated in profitability analysis for CAPEX decisions



Compensation policy

- The Long Term Incentive includes 20% on GHG reduction
- 10% of Short Term Incentive relates to achievement of Sustainable Development objectives (ranking of Solvay in non-financial indexes, accident rate, societal actions, this performance measure includes progress with Solvay Way, etc.)



Yearly workshop on global sustainable development issues

- The whole Board is responsible for looking at sustainability
- The main strengths and weaknesses of the Group, identified by the evaluation of non-financial rating agencies as well as self-assessment matrix¹
- Performance of the Group with respect to the societal and environmental targets
- Solvay internal sustainability team trains the Board members



SUSTAINABLE VALUE CREATION INTEGRATED IN SOLVAY'S COMPENSATION STRATEGY

Base salary is positioned at the market median of Solvay's peer group, currently composed of 17 European multinational companies¹ incorporated in six different European countries (Belgium, France, Germany, Netherlands, Switzerland, and the UK) and active in the chemical and/or the industrial sectors.

SHORT TERM (THIS YEAR)

Base salary

Purpose: The base salary reflects the individual's experience, skills, duties, and responsibilities, and the contribution of the individual and role within the Group.

STI (Short-term incentives) + LTI (Long-term incentives) 28.5%

Purpose: Short-term incentives are linked partly to Group performance and partly to individual performance to drive and reward the overall annual performance of executives.

Performance

measures

■ Group performance – Underlying EBITDA

Sustainable development indicators

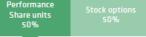
under cash constraint

Individual objectives

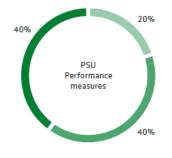
Target STI: 100% of Base Salary

Purpose: A 50/50 mix of stock options (SOP) and performance share units (PSU) offering a performance-contingent vehicle to incentivize executives to help deliver Solvay's long-term strategic objectives.

43%



Target LTI: 150% of Base Salary



- Underlying EBITDA growth
- CFROI improvement
- Greenhouse Gas intensity reduction¹

ESG roadshow June. 2019

SUSTAINABLE VALUE CREATION INTEGRATED IN GROUP COMPENSATION **STRUCTURE**



and Benefits



Fixed Compensation Short and Long Term and Benefits **Variable Compensation**

	Annual Base Salary	Pension & Benefits	Short term incentive	Performance Share Units (*)	Stock Options (*)
Performance Period			1 year	3 years	3 years
Performance Measures			 Underlying EBITDA Sustainable Development Individual 	 Underlying EBITDA growth CFROI % Greenhouse Gas Intensity 	Share price
			Objective	Reduction	





INVENTORIES OF SOLVAY IN MARKETED PRODUCTS SUBSTANCES OF VERY HIGH CONCERN (SVHC) / SUBSTANCES REQUIRING ATTENTION (SRA)

The Solvay reference list for Substances of Very High Concern **SVHC**s (S-**SVHC** and SRA Reference list) was established in 2015 with three categories (black, red, and yellow lists) to characterize substances' level of risk management and control:

Black list S-**SVHC**s: already undergoing a regulatory process of phasing-out with a known deadline in at least one country or zone, or a restriction for Solvay relevant uses;

Red list S-**SVHC**s: currently included in regulatory lists of substances that could enter into a process of special authorization or restriction in the medium-term:

Yellow list SRAs: substances requiring specific attention, i.e. substances under scrutiny by authorities, NGOs, scientists, and industries due to their current hazardous properties or potential effects.

- 35 SVHCs may be present in one or more products put on the market. Analysis of safer alternatives (ASA) are planned for a total of 128 combinations of products/applications. Of the 50 analyses of safer alternatives completed as of December 31, 2018:
- 16 have led to effective replacement: **SVHC** substitution or reduction below required threshold, or production stopped;
- 18 are ongoing (alternative identified and discussed with customers to be implemented);
- 16 have no available alternatives (no substitute available or not allowed by regulations or not requested due to the application in the final product).



Q1 2019 RESULTS IN LINE WITH EXPECTATIONS



► 49%
ADVANCED
MATERIALS

Organic growth: -5.7%

> 21%

ADVANCED FORMULATIONS

Organic growth:
-1.7%

> 30%

PERFORMANCE CHEMICALS

Organic growth: +9.9%







Advanced Materials Exposed to markets with different dynamics



Market drivers

- → Automotive market down
 -5.3%⁽¹⁾ global production decline in
 1019
- → Electronics market

 Lower demand in smart devices and semiconductors
- → Aerospace market growth

 Build rate increases across

 commercial and military aircrafts



Q1 delivery

Organic sales growth **-0.1%**

- Volume and mix impact -1.4%
- → Pricing impact +1.3%

Organic EBITDA growth **-5.7%**

EBITDA margin 26%

Pie-chart represents 2018 net sales per end-market



Advanced Formulations Lower volumes mitigated by higher prices



Market drivers

→ Oil and gas

Lower volume in North America
(shale oil & gas stimulation activity)

→ Mining

Stable demand environment



Q1 delivery

Organic sales growth -4.4%

- → Volume and mix impact -7.9%
- → Pricing impact +3.3%

Organic EBITDA growth **-1.7%**

EBITDA margin 17%

Pie-chart represents 2018 net sales per end-market



Performance Chemicals Solid demand and higher pricing



Market drivers

→ Solid demand

Good demand in soda ash and peroxides markets

→ Positive pricing

Pricing well up in soda ash this year;

Peroxides prices also supportive



Q1 delivery

Organic sales growth +7.4%

- → Volume and mix impact +1.1%
- → Pricing impact +6.3%

Organic EBITDA growth +9.9%

EBITDA margin 29%

Pie-chart represents 2018 net sales per end-market

Flectricals & Flectronics



A NEW EXECUTIVE COMMITTEE













2019 OUTLOOK ADJUSTED TO CURRENT MARKET CONTEXT





EBITDA growth



Free Cash Flow

Underlying excluding scope and forex conversion

- Organic growth [1]
 flat to modest decline
- Q2 down versus 2018

to Solvay shareholders from continuing operations

- €490 million [2] exceeding dividend pay-out
- Allowing for debt deleveraging of ~€100 million
- [1] Organic growth, excluding scope & forex conversion effects and IFRS 16 effect, compared to 2018 pro forma of €2,330 million
- [2] vs 2018 pro forma of €566 million, already including IFRS 16 effect



WHY INVEST IN SOLVAY?



Leading Advanced Materials and Specialty Chemicals company

Top-notch chemistry that addresses sustainable mobility and improves resource efficiency, creating financial value & value for society at large.





Innovative and sustainable solutions to the market of the future

Innovation towards impactful circular economy; collaboration with game-changers to spark the impact of cleaner and sustainable solutions globally.





Customer obsession

Answers to fast-pacing demand: rapid technological innovation, top-tier talent, personalized service and faster response times.





Solid Financial Performance

One of the highest EBITDA margins within diversified chemical companies: propelled by volumes, underpinned by efficiency.





Consistent Shareholders Reward

Dividend Increase for 35 years 2018 dividend: €3.75 ~5.5% CAGR since 1982.





Disclaimer



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.

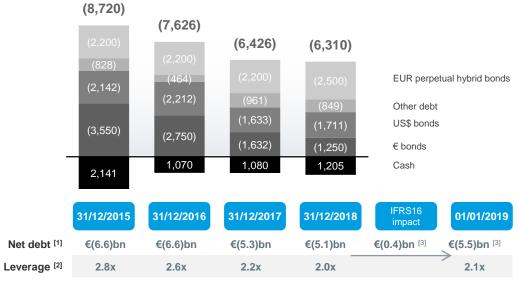
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EFFICIENT CAPITAL STRUCTURE LEADING TO REDUCED COST OF DEBT

Underlying financial debt [1] evolution in € billion

DELEVERAGING CONTINUES



Significant deleveraging by divestments and operations

INVESTMENT GRADE

S&P

BBB

Stable outlook

Moody's

Baa2
Stable outlook



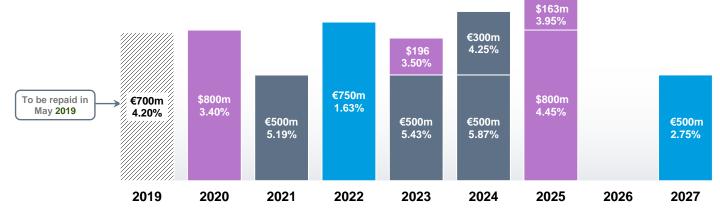
^{1]} Underlying debt includes perpetual hybrid bonds (considered as equity under IFRS)

^[2] Net debt / underlying EBITDA of last 12 months

^[3] Impact from IFRS16 implementation

DEBT PROFILE: BALANCED MATURITIES ALLOWING

FLEXIBILITY Major financial debt [1] in million



	December 31, 2018			March 31, 2019			May 12, 2019 ^[4]		
	Face value	Avg maturity	Avg cost	Face value	Avg maturity	Avg cost	Face value	Avg maturity	Avg cost
EUR bonds	1,250	6.0	2.08%	1,250	5.8	2.08%	1,250	5.8	2.08%
EUR perpetual hybrid bonds ^[2]	2,500	3.3	4.97%	2,500	3.1	4.97%	1,800 ^[4]	4.2	5.27%
USD bonds	1,714[3]	4.6	3.88%	1,745[3]	4.4	3.88%	1,745[3]	4.4	3.88%
Total major debt	5,464	4.3	3.97%	5,495	4.1	3.97%	4,795	4.7	3.93%
	in € million	in years		in € million	in years		in € million	in years	

^[1] Major debt only, excluding cost of currency swaps



^[2] At first call date

^{3]} USD 1,960 million

^[4] Solvay to exercise the first call option on the €700 million hybrid bond on May 12, 2019



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