

2021 performance



€9.5 billion sales

18.1 % EBITDA margin

€758 mCapital expenditure (1)

€243 m R&D expenditure



20,200 employees

55 countries

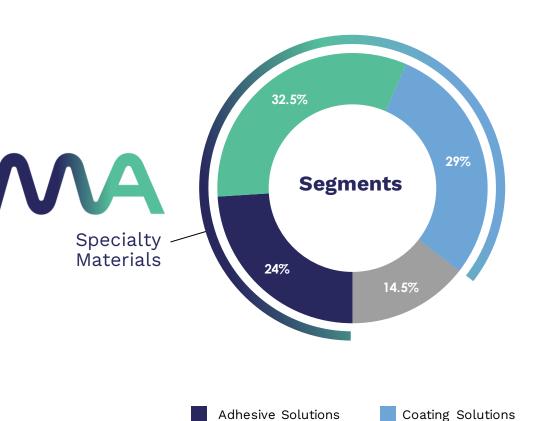
141 production sites

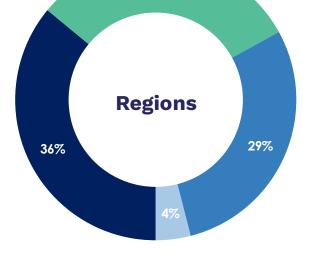
regional R&D hubs

1. Recurring and exceptional capital expenditure

2021 Data

Breakdown of 2021 sales





Asia

Rest of the world

Europe

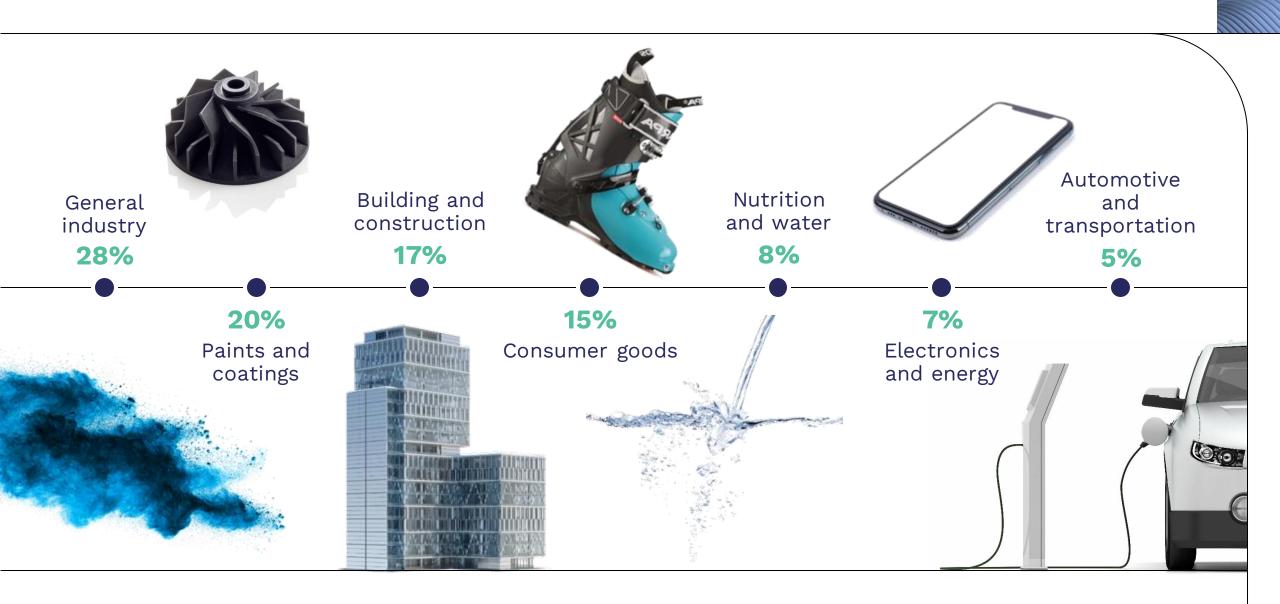
North America

31%

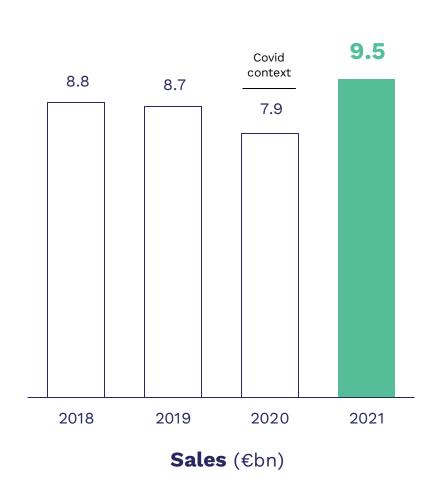
Advanced Materials

Intermediates

Diversified end markets



Excellent financial performance in a demanding context





→ Best-in-class safety level in the industry

1.0

accident per million hours worked (TRIR)

1.0 in 2020

→ Reinforced actions in process safety

3.1

process safety events per million hours worked (PSER)

4.0 en 2020



→ Significant progress in our Climate plan

-34%

greenhouse gas emissions versus 2015

-23% in 2020



24%

of women in senior management and executive positions

23% in 2020





2021 data

A recognized non-financial performance

Member of

Dow Jones Sustainability Indices

Powered by the S&P Global CSA

→ 3rd place in DJSI World 2021

« Chemicals » category

CSA score by S&P Global: 82



Rating: A



B for climate change



Among the best performing 1% in the sector





Superior percentile

across all sectors

Score: **67**





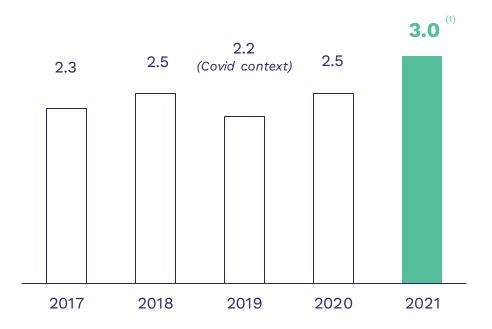
1st decile (global) (Sept 2021)

CAC 40[®] ESG

Inclusion in the new Euronext index (2021)

Strong value creation for shareholders

\rightarrow Gradual increase in the dividend



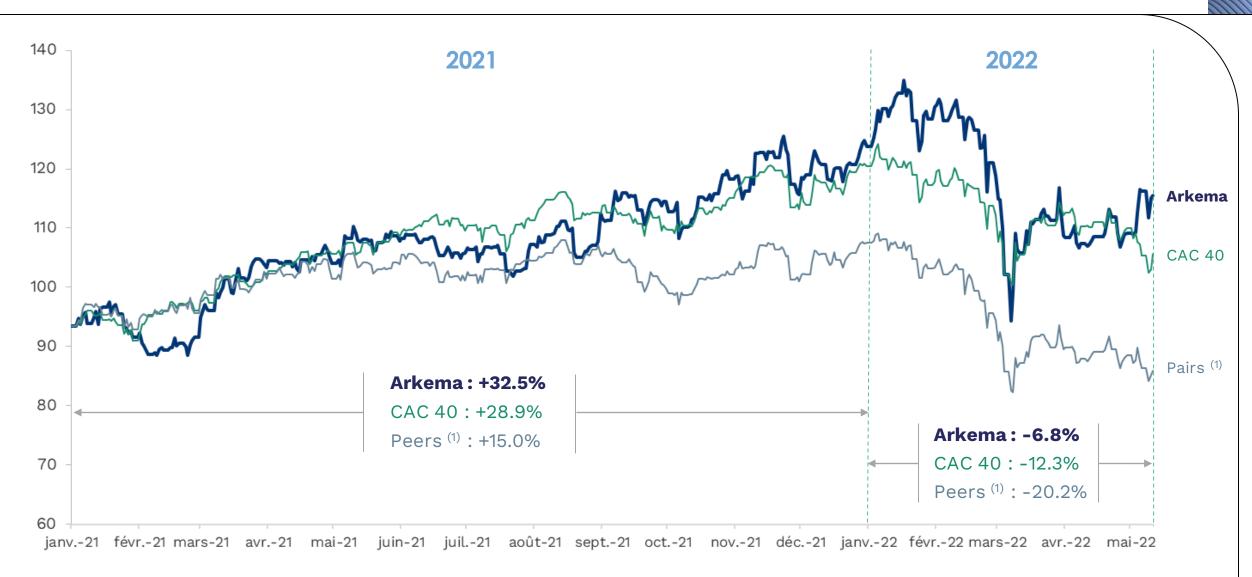
Dividend (in €/share) per fiscal year

- → €300m share buyback program finalized in November 2021
- → **Share capital reduction** of 3.2% by cancelling shares in January 2022



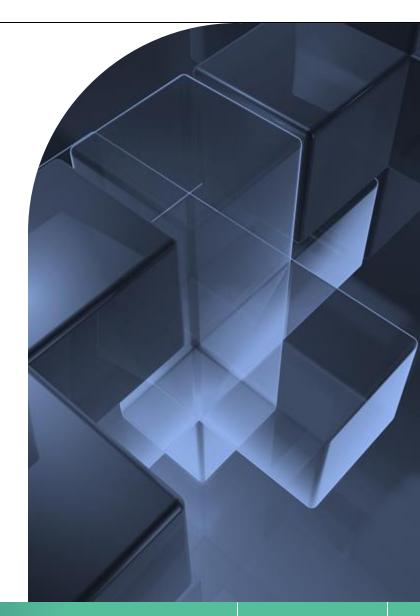
^{1.} Proposal submitted to the vote of today's annual general meeting

Share price evolution since 1st January 2021



^{1.} The peer group includes: Solvay, BASF, Lanxess, Clariant, Sika, Evonik, HB Fuller and the MSCI Europe index

2021 highlights





Innovative materials for a sustainable world





The Group's 5 values that support our ambition

Simplicity

Solidarity

Inclusion



Performance

Empowerment

A first-class leader in high performance adhesives in the United States







Acquisition finalized on **28 February 2022**

Enterprise value : US\$1,650 m

8.7x EBITDA after pre-tax synergies

US\$360 m sales ⁽¹⁾

> 25%
EBITDA margin (1)

~330 employees

6 production sites

1. Including pro forma adjustments, 2021e data

Bolt-on acquisitions in Specialty Materials



- Hybrid technology sealants and adhesives in Brazil
- Construction







- Innovative adhesive solutions in Texas
- Residential buildings



- Adhesive solutions in South Africa
- Woodwork, packaging, construction and DIY







 Regeneration of high performance polymers

PMMA



- Divestment to Trinseo on 3 May 2021
- Enterprise value : €1,137 m, i.e. > 9x EBITDA

Epoxides



- Divestment to Cargill in December 2021
- Enterprise value : **US\$38.8 m**, *i.e.* ~10x EBITDA

Strong partnerships in cutting-edge technologies







Stake acquisition

Start-up specialized in the production of high performance batteries



Stake acquisition

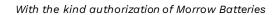
Company specialized in large-series additive manufacturing



MORHOW

Partnership

Development of solutions for high voltage batteries









High Tack Premium

Fast-setting adhesives in construction and DIY



Born2Bond®

High performance hotmelt adhesives



Vitel®

"Heat Seal" solution for food packaging



Brilliance

High performance fixing adhesives







Kynar[®] CTO

New renewable PVDF for lithium-ion batteries



Elium®





Bio-based and biodegradable surfactants, for more sustainable detergence Fully recyclable glass fiber boat made from Elium® composite parts Elium® composite parts for 100% recyclable wind turbine blades



Green and low-emission products in coatings



Sarbio®, Synaqua® Crayvallac® Coapur™

Renewable high performance resins and additives in construction

Reafree®, Sartomer®

Solvent-free powders and UV coating technologies in new energies







Sartomer®

UV photocure resins in electronics and lifestyle

Strong engagement of Group employees

TOP EMPLOYER 2022

in 4 countries









ARKEMA CARES 2021

Global engagement survey

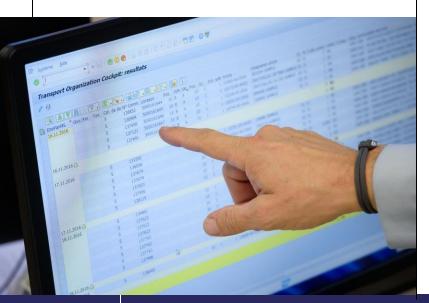
82%

of employees are fully engaged



Continuation of cross-functional initiatives

- Strengthening of the crossfunctional **One-Arkema** approach with global key account managers
- New customer portal enabling real-time order tracking



82%

of customers satisfied or extremely satisfied



- Improvement of the Group's websites
- New management tools for transportation and shipment tracking

2021 financial performance



2021 key figures

Sales

€9,519 m

+25.9% vs 2020

at constant scope and currency

EBITDA

€1,727 m

18.1% EBITDA margin

Record level

Adjusted net income

€896 m

€11.88 per share

Net debt

€1,177 m

0.7x EBITDA

Adhesive Solutions (24% of Group sales)

in €m	2021	2020	Change
Sales	2,278	1,996	+14.1%
EBITDA	316	261	+21.1%
EBITDA margin	13.9%	13.1%	

- → Sustained demand in construction and DIY, and recovery in high performance industrial adhesives
- → Shortages of numerous important raw materials in the 2nd half
- → Strong progress of EBITDA and EBITDA margin up by 80bps at 13.9%, despite the marked raw materials inflation







Advanced Materials (32.5% of Group sales)

in €m	2021	2020	Change
Sales	3,087	2,527	+22.2%
EBITDA	662	496	+33.5%
EBITDA margin	21.4%	19.6%	

- → Acceleration of demand for high performance solutions, in particular in batteries, bio-based consumer goods, sports and water filtration
- → EBITDA up strongly, reflecting notably the excellent year of High Performance Polymers



Coating Solutions (29% of Group sales)

in €m	2021	2020	Change
Sales	2,746	1,911	+43.7%
EBITDA	525	261	+101.1%
EBITDA margin	19.1%	13.7%	

- Good dynamic in decorative paints, 3D printing, industrial coatings, graphic arts and electronics
- Acceleration of the demand for more environmentally friendly solutions
- Doubling of EBITDA benefiting also from more favorable conditions in upstream acrylics



Intermediates (14.5% of Group sales)

in €m	2021	2020	Change
Sales	1,378	1,425	-3.3%
EBITDA	316	231	+36.8%
EBITDA margin	22.9%	16.2%	

- → Divestment of PMMA in May 2021 and of Functional Polyolefins in June 2020
- → Much more favorable market conditions in acrylics in Asia relative to the low level of previous years
- → Solid performance in Fluorogases

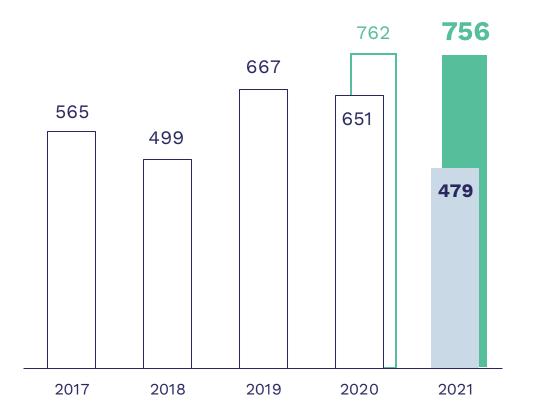






Strong cash generation





 \rightarrow EBITDA to cash conversion rate

43.8%

In line with the long-term target of 40%

→ Tightly controlled working capital

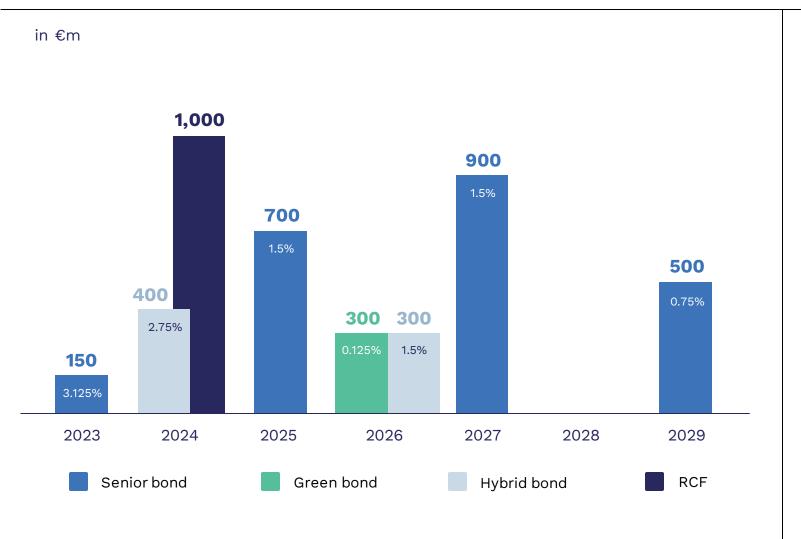
12.7% of sales at end-December 2021

 \rightarrow Recurring and exceptional capital expenditure

€758 m

Including the 2 major projects of PA11 in Singapore and hydrofluoric acid with Nutrien in the United States

Well-established financial resources



- → Average maturity4.6 years
- → RCF
 One year extension (July 2024)
 Integration of 3 CSR criteria
- → Solid credit rating maintained
 BBB+ stable outlook (S&P)
 Baa1 stable outlook (Moody's)

Key figures for 1st quarter 2022

Sales

€2,887 m

+30% vs 1Q'21

at constant scope and currency

EBITDA

€619 m

21.4% EBITDA margin

Adjusted net income

€376 m

€4.96 per share

Net debt

€2,703 m

1.4x LTM EBITDA

2022 outlook

- Market conditions remain positively oriented at the beginning of the second quarter, but with disparities between regions and end markets and an increased lack of visibility regarding the environment. The health situation in China, the war in Ukraine, high raw materials and energy cost inflation, and logistics disruptions are all factors that could weigh on global demand going forward.
- In this demanding context, the Group will endeavor to optimize supply chain management and continue to dynamically adjust its selling prices. Moreover, Arkema will pursue its cutting-edge innovation to develop, in partnership with its customers, its Specialty Materials.
- → While remaining attentive to the evolution of the macroeconomic environment, the Group aims to reach in second-quarter 2022 a strong increase in its EBITDA compared with the prior year, driven in particular by high organic growth in Advanced Materials and Coating Solutions. The Adhesive Solutions segment, still impacted by certain raw materials shortages, will benefit from the integration of Ashland's adhesives business.
- Arkema now aims to achieve in 2022, at constant scope, Specialty Materials EBITDA and Group EBITDA slightly above the record level of 2021.
- → Lastly, the Group will continue to implement its strategy, in line with its ambition to become a pure Specialty Materials player in 2024.



Financial resolutions

- → Approval of the consolidated and parent company financial statements for 2021 (1st and 2nd resolutions)
- → Renewal of the share buyback authorization: 2022 programme (15th resolution)

 Duration: 18 months Ceiling: 10% of the Company's share capital for a maximum price set at €160 per share
- ightarrow Renewal of delegations to the Board to increase the Company's share capital
 - With preferential subscription rights (16th resolution) –
 Ceiling: 50% of the Company's share capital
 - Without preferential subscription rights with a priority period (17th resolution) –
 Ceiling: 10% of the Company's share capital
 - Without preferential subscription rights through a private placement or contribution in kind (18th and 20th resolutions) Ceiling : **10%** of the Company's share capital

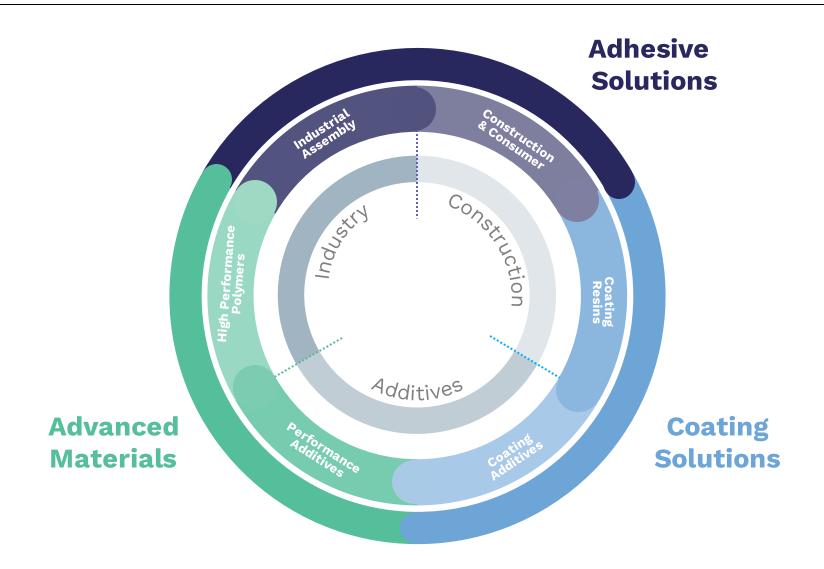
Global ceilings: 50% of the Company's share capital and 10% of the Company's share capital for capital increases without PSR (22nd resolution)

Duration: 26 months

Prohibited during periods of a take-over bid on the Company's shares

Strategy and ambition





Become a Specialty Materials leader







Sales of €10 to 11 bn

EBITDA margin of **17%**

Organic growth

3 to 3.5% / year

Cash generation > 40%

Strict financial discipline

Deconsolidation of the Intermediates segment



A strategy supported by 4 levers



Strengthen
Specialty Materials
with **bolt-on**acquisitions

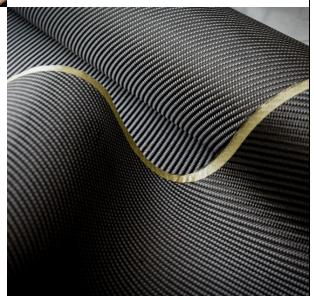


Rank among the best-in-class chemicals companies in terms of **CSR**

Accelerate
organic growth
and sustainable
innovation



Pursue
operational and
commercial
excellence
initiatives





Rilsan® polyamide 11

+50% global capacity in Singapore

Start-up mid-2022

€450 m Capex and €100 m EBITDA at maturity

New PA11 powder resins capacity in Changshu, China (1Q'23)



Bio-based, renewable



Recyclable

Transportation, sports, consumer electronics, bio-textiles, 3D printing, consumer goods

A more sustainable fluorinated upstream in the United States



Hydrofluoric acid

40 kT/year supply in partnership with Nutrien in Aurora, US

Start-up mid-2022

US\$150 m investment



20-fold reduction of CO₂ emissions *vs* traditional processes

Batteries, electronics, water treatment

High-return capex in Advanced Materials

Strategy and ambition



Kynar® PVDF

+50% capacity in Changshu, China (end-2022)

+50% capacity in Pierre-Bénite, France (1Q'23)

Li-ion batteries, water filtration, specialty coatings, electronics



Bio-based, renewable



Recyclable



Less emissive



Pebax®

+25% global capacity in Serquigny, France (mid-2023)

Sports, consumer goods



Bio-based, renewable



Recyclable

Sustainable growth at the heart of our developments





Sartomer®

+100% photocure resins capacity in Nansha, China (2H'23)

Electronics, renewable energies



Solvent-free



Less emissive



Forane®

15 kT/year 1233zd capacity in Calvert City, United States (end-2023)

Housing thermal insulation, battery thermal management



Less emissive

Acceleration in global megatrends

Sustainable development and climate change



Urbanization and social change



Resource scarcity



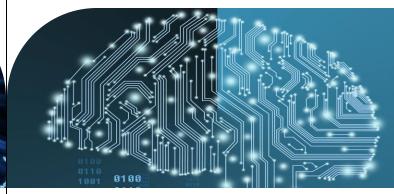
Volatility



Geopolitics



Technological transformation



Growing opportunities fueled by our innovation

Strategy and ambition





Battery

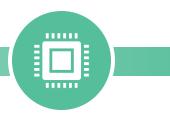


Hydrogen





Lifestyle



Home

Electronics

We hope to generate

€1.5 bn

of additional sales by 2030*

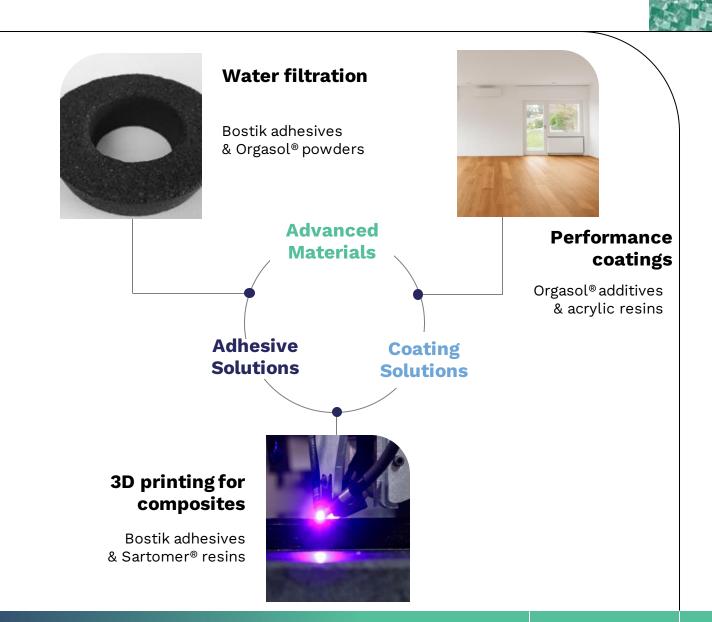
vs €1.0 bn previously announced

* Compared with 2019

Technology and market access synergies



- Based around our expertise in Materials science (design, formulation, polymerization)
- Customers, end markets and applications in common
- Innovation driven by sustainable development
 patents filed in 2021
 linked to sustainable development



Opportunities and synergies in clean mobility

Batteries

€1 bn

sales in **batteries** by 2030

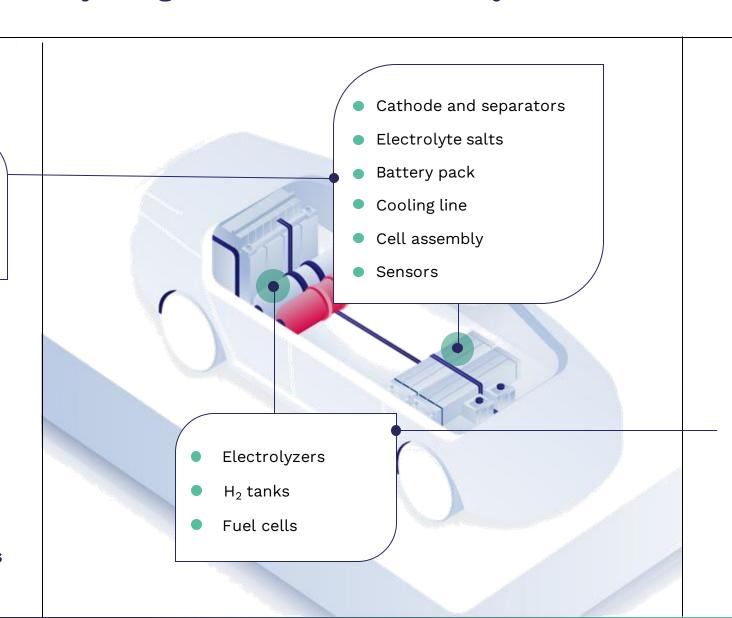
New centre of excellence

in Pierre-Bénite, FR

Partnerships with new players

Verkor, Morrow

Dedicated **cooperation** with **CNRS** in France and with numerous **start-ups**



Hydrogen

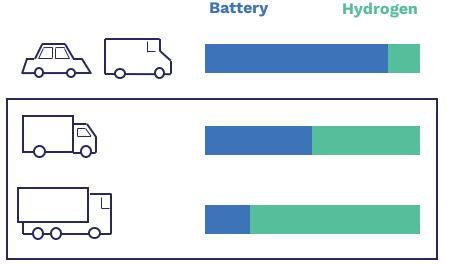
A more recent roll-out with significant growth potential



Levers in hydrogen mobility

- Preference for strong autonomy and fast refuelling
- → Vehicles with **high energy and power** needs
- Regions with a constrained electrical network capacity

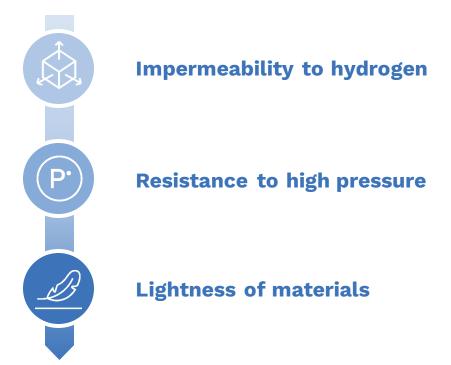
→ For medium and heavy-duty trucks





 \rightarrow For transportation to recharging stations

Source : Hydrogen Council, McKinsey – Roadmap towards zero emissions: The complementary role of BEVs and FCEVs



- → Considerable needs in materials for type IV and V H₂ tanks
 - **High performance materials** that can endure the highest pressure (up to 700 bars)
 - Renewable and recyclable solutions

\rightarrow Our materials are very well positioned

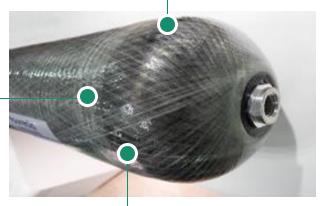
Type IV

RILSAN®

Bio-based, recyclable PA11
Impermeable liner

ELIUM®

Recyclable resin Composite shell



Type V

RILSAN® RILSAN®

Recyclable resin

Single-tape composite shell

3 key properties to substitute current composites



High performance







A unique solution with a vast potential of applications



Wind power

Civil engineering

Nautical

Mobility

The first 100% recyclable wind turbine blade

ZEBRA PROJECT Zero wastE Blade ReseArch

Consortium

62 meter long

(prototype)

14 tons made from Elium® resin 100% recyclable



Continued progress



Safety and environment

Act as a responsible chemicals manufacturer

Contribution to solutions for a more sustainable world



Climate

Participate in efforts against global warming

Sustainable solutions offering

Increase the positive impact

Circular economy

Manage resources responsibly

Participate in efforts against global warming



Solar power on the Clear Lake, US site

Supply of green electricity by Celanese Corporation for the whole platform

142 GWh per year of renewable energy (power consumption of ~ 15,000 US homes)

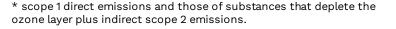
~33% of the site's annual electricity consumption

Climate plan objective



greenhouse gas emissions* in 2030 *v*s 2015

-34% in 2021





Energy efficiency improvement

Launch in 2020 of the program to optimize steam traps in Europe, extended to Asia and America

48 GWh of energy savings in 2021

Sustainable solutions offering: increase the positive impact



Reduction of a building's energy consumption

Bostik **solvent-free** butyl strips

Sustainable waterproofing around buildings' windows, doors and on roofs

ImpACT+ objective

65%

of sales that contribute significantly to the UN's Sustainable Development Goals in 2030

51% in 2021



Low VOC emission binders

Range of high performance water-based Synaqua® binders in the coatings area

Derived from co-products of the forestry industry

Circular economy: manage resources responsibly

Mechanical recycling program





Production stage

End-of-life



Recycled raw materials



Acquisition of Agiplast in 2021

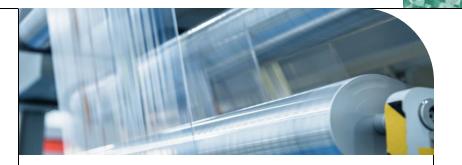
a leader in the **regeneration** of high performance polymers

Maximize the use of renewable and recyclable raw materials

10% of sales with products made from renewable or recycled raw materials* in 2021

Maintain products and materials in the product-use loop





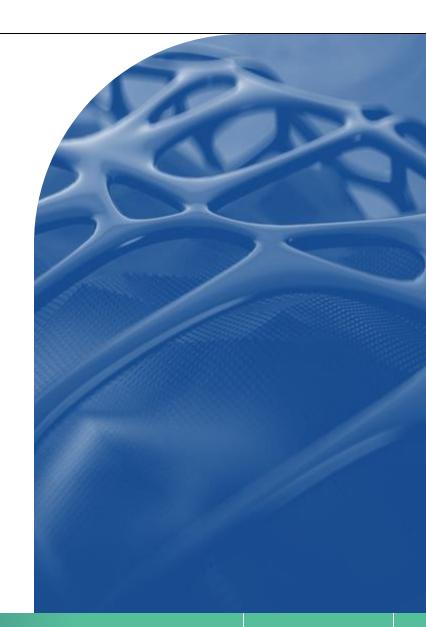


European consortium

Co-development of **bio-based** and **recyclable** packaging

26 partners (including Bostik) across the whole **value chain**, **10** countries

Governance





Board of Directors

92%

attendance rate

11 meetings including

- 1 seminar dedicated to strategy
 - 1 executive session

Senior independent director since 2016

- Attends governance roadshows
- · Leads the executive session
- Regular contact with directors and in particular the Chairman of the Nominating, Compensation and Corporate Governance Committee regarding all subjects linked to the functioning of the Board

Audit and Accounts Committee

96%

attendance rate

6 meetings

Nominating, Compensation and Corporate Governance Committee

100%

attendance rate

3 meetings

Innovation and Sustainable Growth Committee

100%

attendance rate

1 meeting

- → Continuation of Arkema's ambition to become a global leader in Specialty Materials and setting of the 2024 strategy and targets
- > Review of risks in the context of the Covid crisis and the geopolitical environment
- → M&A operations linked to the strategy: divestment of PMMA and acquisition of Ashland's adhesives, Poliplas, Agiplast and Permoseal
- → Progress report of major strategic projects : bio-based polyamide plant in Singapore and hydrofluoric acid plant in the United States in partnership with Nutrien
- Review of non-financial achievements and of the CSR roadmap. Set-up of the Innovation and Sustainable Growth Committee
- > Preparation for the evolution of the Board of Directors' composition
- → Share buyback program for an amount of €300 million

The Board of Directors: composition

Composition

14 members

73% independence rate

- 1 director representing shareholder employees
- 2 directors representing employees
- 1 senior independent director

45% of women

En experienced and diversified Board

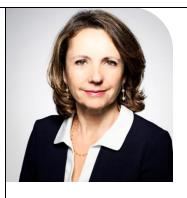
- Skills: industry, chemicals, CSR, finance,
 M&A, general management
- Internationalization: significant experience abroad, 3 foreign directors and 1 overseas resident

An independent and selective appointment process:

Clear definition of directors' appointment process described in the Board of Directors' internal rules

- **Nominating, Compensation and Corporate Governance Committee**: selection of candidates taking into account the diversification objectives of the Board's compositions with the support of a recruitment consultant
- **Board of Directors**: validation of proposed candidates ensures that the Board's composition allows it to perform its tasks with independence and objectivity
- General meeting: election of directors and renewal of their terms of office

Evolution of the Board of Directors: renewal and appointment proposals



MARIE-ANGE DEBON

Renewal as a senior independent

director

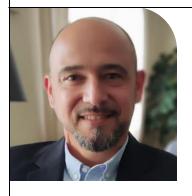
- Chairman of the Audit and Accounts Committee
- Broad experience as a high-level executive and in the public and private sectors



FONDS STRATÉGIQUE DE PARTICIPATIONS

Renewal as a director

- Represented by Isabelle Boccon-Gibod
- Member of the Audit and Accounts Committee and of the Innovation and Sustainable Growth Committee



DIRECTOR REPRESENTING
SHAREHOLDER EMPLOYEES
Appointment

M. Nicolas Patalano, proposed by the Supervisory Board of the FCPE Arkema Actionnariat France

 Medium Term Project Technician within the High Performance Polymers Business Line at Arkema

Nomination supported by the Board of Directors



PHILIPPE SAUQUET

Renewal as an independent director

- Member of the Nominating, Compensation and Corporate Governance Committee
- Experience as a high-level executive in industry and varied expertise in the chemicals area

Directors' 2022 compensation policy and compensation paid in 2021

Compensation policy for directors (excluding the Chairman and Chief Executive Officer)
 (10th resolution)

Retention of allocation modalities approved by the general meeting in 2020

	Board of Directors	Committees		Senior independent director
		Member	Chairmanship	
Fixed portion	€25,000			€10,000
Variable portion linked to physical presence (per session)	€3,500	€2,500	€5,000	
Variable portion in case of a shorter meeting (per session)	€1,750	€1,250	€2,500	

- Increase of the maximum global envelope (12th resolution) €900,000 per year instead of €800,000
- · Amount of global compensation paid in 2021 : €683,750 (13th resolution)

Compensation policy for the Chairman and Chief Executive Officer (11th resolution)

Governance

Policy approved by the annual general meeting of 19 May 2020 (94.8%) for 4 years and confirmed by the annual general meeting of 20 May 2021 (95.5%)

Fixed compensation

€1,000,000 for the Chairman and Chief Executive Officer's term of office

(start date as of 01/01/2021 in the context of Covid)

Variable compensation

Target 120% and maximum 180% of fixed compensation

3 quantitative criteria (135% maximum)

EBITDA (45%), cash flow generation (45%) and contribution of new developments (45%)

Qualitative criteria (45% maximum)

Half linked to the implementation of the Group's long-term strategy (50%) and the other half to elements of the Group's operational management (50%)

Performance shares

Final vesting wholly subject to **5 performance criteria** including **1 multi-indicator non-financial criterion**

30,000 shares

- Outperformance: 120% maximum
- In case of achievement rates of < 50% of two criteria, rate limited to 100% for the remaining criteria
- Vesting period of 3 years (+ holding period of 2 years)

Other elements

Pension (20% of fixed + variable)

Severance payment* 2 years (fixed + variable) maximum subject to performance criteria over 3 years

Non-compete benefit* 1 year (fixed + variable)

Benefits in kind

*The cumulative payment of those 2 benefits shall not exceed 2 years (fixed + variable)

Governance

	AMOUNT	DESCRIPTION
Fixed compensation	€1,000,000	Fixed for 4 years during the renewal of the Chairman and Chief Executive Officer's term of office as a director on 19 May 2020. Start date postponed to 01/01/21 in the context of the Covid-19 pandemic.
Variable compensation	n €1,800,000 -	Fixed every year by the Board of Directors and set depending on the achievement of specific and demanding quantitative and qualitative objectives, aligned with the Group's strategy and priorities. Can reach up to 180% of the fixed annual compensation. • 3 quantitative criteria: EBITDA, recurring cash flow and new developments • Qualitative criteria: implementation of the Group's long-term strategy and top priorities, operational management (including the CSR policy)
Performance shares	30,000* shares (€2,457,300 IFRS value) * 36,000 in case of outperformance	 5 performance criteria: 20% of the final allocation for each EBITDA margin of the Specialty Materials platform EBITDA to cash conversion rate Comparative Total Shareholder Return Return on capital employed of the Specialty Materials platform CSR: TRIR, environment (GHG and water consumption) and share of women in management
Other elements	€560,000 €6,720	PensionCompany car

Capital increase reserved for the beneficiaries of a Company Savings Plan (23th resolution)

- → Continuation by the Group of its dynamic policy in terms of employee shareholding in 2022 in order to involve the greatest number of employees in its development
- → Proposal to the Group's employees to subscribe for Arkema shares at advantageous conditions every two years
- → Maximum amount requested: €13,500,000



Renewal of the delegation of authority granted to the Board of Directors to carry out capital increases reserved for employees requested in the 23th resolution

Performance shares (24th resolution)

- Objective : continue to closely involve management and certain employees in the Group's medium-term development and stock market performance
 - Around 1,500 employees concerned
- \rightarrow Plans wholly subject to demanding performance conditions
 - 4 financial criteria: EBITDA margin of the Specialty Materials platform (20%); EBITDA to cash conversion rate (20%), comparative TSR (15%) and ROACE of the Specialty Materials platform (20%)
 - 1 composite CSR criterion (25%) : climate (50%) and multi-indicator (diversity, process safety and circular economy) (50%)
 - Outperformance 120%, and if 2 criteria do not reach at least 50%, rate limited to 100% for the other criteria
- \rightarrow Final vesting after 3 years + holding period of 2 years in France (4+0 abroad)
- \rightarrow Maximum amount : 1,500,000 shares

Renewal of the authorization granted by the annual general meeting in 2019

Disclaimer

The information disclosed in this document may contain forward-looking statements with respect to the financial condition, results of operations, business and strategy of Arkema.

In the current context, where the Covid-19 epidemic persists across the world, and where the consequences of the Russian offensive in Ukraine and the economic sanctions against Russia on geopolitical equilibriums and the world economy remain uncertain, the retained assumptions and forward looking statements could ultimately prove inaccurate.

Such statements are based on management's current views and assumptions that could ultimately prove inaccurate and are subject to material risk factors such as among others, changes in raw material prices, currency fluctuations, implementation pace of cost-reduction projects, development of the Russian offensive against Ukraine, developments in the Covid-19 situation, and changes in general economic and business conditions. These risk factors are further developed in the 2021 Universal Registration Document.

Arkema does not assume any liability to update such forward-looking statements whether as a result of any new information or any unexpected event or otherwise.

Further information on factors which could affect Arkema's financial results is provided in the documents filed with the French Autorité des marchés financiers.

Financial information since 2005 is extracted from the consolidated financial statements of Arkema. Quarterly financial information is not audited.

The business segment information is presented in accordance with Arkema's internal reporting system used by the management.

The main performance indicators used by the Group are defined in the 2021 Universal Registration Document. As part of the analysis of its results or to define its objectives, the Group uses in particular the following indicators:

EBITDA margin: corresponds to EBITDA as a percentage of sales, EBITDA equaling recurring operating income (REBIT) plus recurring depreciation and amortization of tangible and intangible assets

REBIT margin: corresponds to the recurring operating income (REBIT) as a percentage of sales

Free cash flow: corresponds to cash flow from operations and investments excluding the impact of portfolio management

EBITDA to cash conversion rate: corresponds to the recurring cash flow divided by EBITDA