# ARKEMA

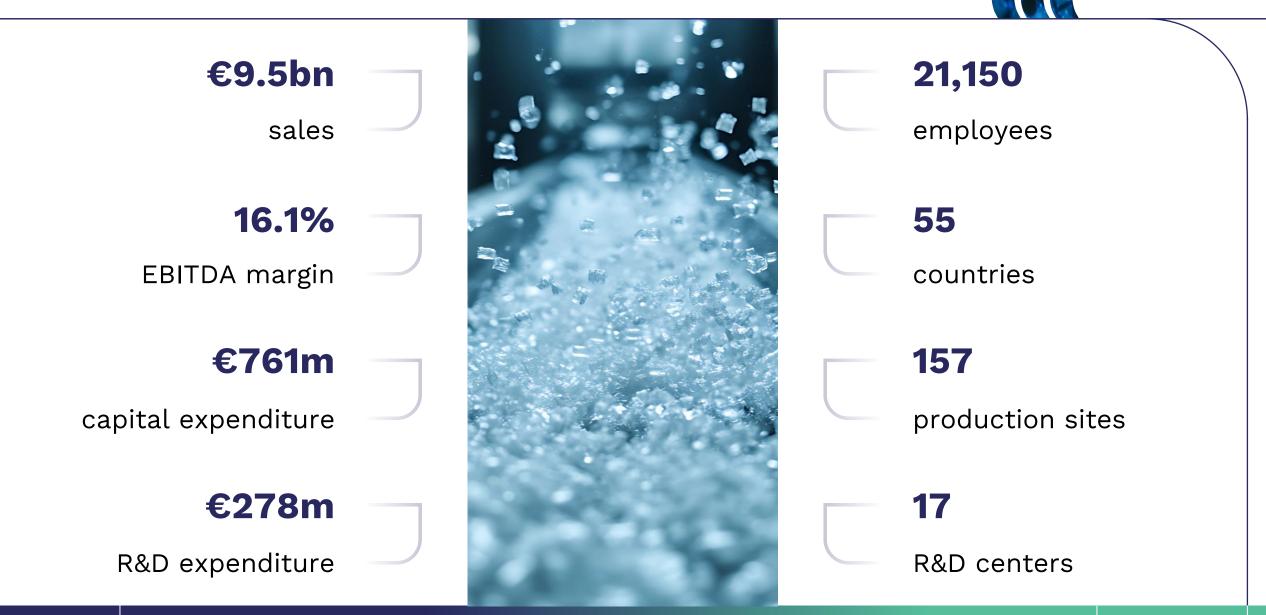
2 0 2 5 ANNUAL GENERAL MEETING



# 2024 Review

## 2024 key figures





## Our employees at the heart of our action









# Descentage of womenIn senior management and executive positions2023202429%30%2030 Target35%

#### Percentage of Non-French nationals

In senior management and executive positions

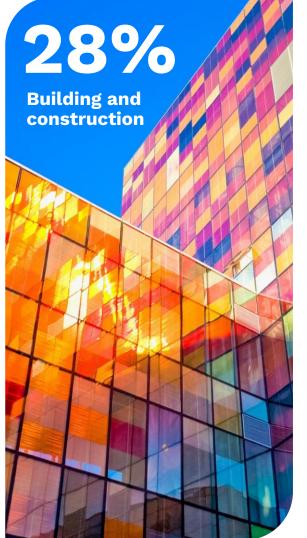


2024 review

A Group driven by 3 complementary specialty segments and a balanced geographical footprint 2024 review **Advanced Materials Europe** Specialty 33% 37% Materials 92 % 35% **Adhesives** 29% 26% 27% North Asia Coating **Solutions** America % of 2024 sales

## Diversified and attractive end markets













2024 figures

# A robust and resilient financial performance

2024 review

Sales

€9,544m

in 2024

**€9,514m** in 2023

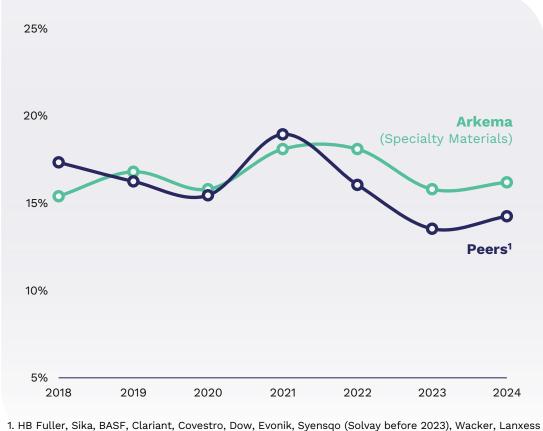
**EBITDA** 

€1,532m in 2024

**€1,501m** in 2023

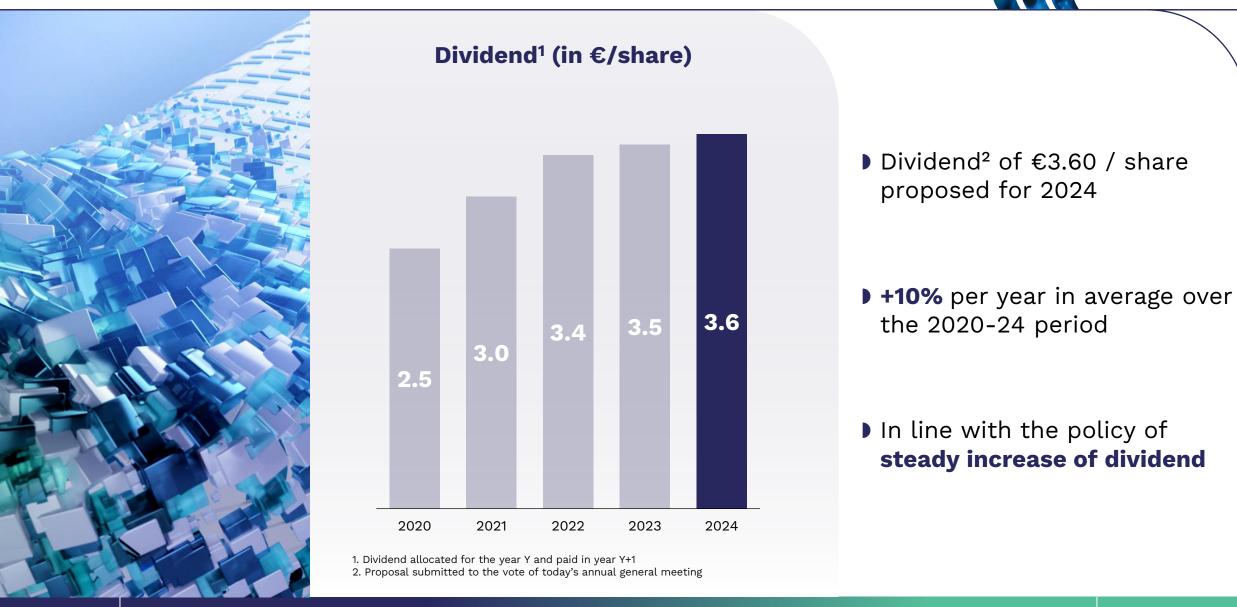


#### **Comparative EBITDA margin evolution**



#### An attractive return to shareholder

2024 review





# 2024 highlights

# Acquisition of a leader in flexible packaging

# Dow laminating adhesives for flexible packaging

- Proven technologies (solventless adhesives, heat resistant...)
- **5 production sites** worldwide
- Markets supported by the demand for more sustainable solutions (food, medical)



# A strong complementarity with Bostik

- Strengthening of the Bostik range with high value-added applications
- Positioning as a key player in flexible packaging with the full range of market technologies
- Rationalization of commercial organizations and industrial footprint
- High level of synergies estimated at US\$30m in EBITDA within 5 years

2024

highlights

#### Realization of the investment for Carling plant decarbonization



# An innovative process for acrylic acid purification

**€130m** Total capex

**- 25%** Site energy consumption

> **- 20%** Site CO<sub>2</sub> emissions

Start-up in the course of 2026



#### A critical step successfully completed

4 distillation columns installed

> **60** meters long

**150** tonnes each

**~100** engaged collaborators

# Our polymers at the heart of circular economy





#### Partnership with Authentic Material

 Bio-circular thermoplastic composite materials for high-end products

Made of recycled leather and bio-based PA11

 Recycled and recyclable alternative to plastics used in fashion and consumer goods industries



# A recyclable solution for 3D printing

 High recyclability of Orgasol<sup>®</sup> PA12 powders

 Conservation of constant properties over several production cycles

Limited needs for virgin material

ARKEMA Annual General Meeting 2025 - 22 May 2025

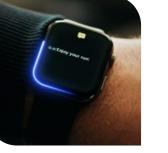
# Launch of bio-based of bio-attributed adhesives





#### New Kizen™ LIME range

- > 80% of renewable ingredients
- Reduction of carbon footprint of packaging solutions



#### Born2Bond<sup>™</sup> Ultra K85

- ▶ 60% of bio-based ingredients
- High performance adhesives for electronics market



#### Fast Glue Ultra+

- ▶ 60% of bio-based materials
- Sustainable innovation for the biggest segment of consumer adhesives

## Reduction of carbon footprint in Coatings

2024 highlights



#### A leader in Mass Balance offer

- Mass Balance ISCC+ certifications in the 3 geographical areas
- Full range of bio-attributed solutions, covering all the major technologies, from acrylic monomers to specialty resins



# Technical textiles with lower carbon footprint

- Encor<sup>®</sup> range for protective coatings for textiles
- Waterborne resins up to 30% bio-based
- Up to 40% reduction of carbon footprint compared to traditional acrylics solutions





Sophie Fouillat

Executive Vice-President Strategy



Senior Vice-President Performance Additives



**Laurent Tellier** 

Senior Vice-President High Performance Polymers and Fluorogases

# A Group recognized as an employer of choice

2024 highlights

Once again certified **Top Employer Europe** for 2025



Certification in 10 countries representing > 80% of collaborators Pour changer le monde, il faut la bonne formule.

(#WhatAreYouMadeOf )





Member of Forbes ranking « World's Top Companies for Women 2024 »





## A renewed societal commitment

2024 highlights

8<sup>th</sup> year of the Pragati program for **sustainable castor farming** in India

Hundreds of children gain access to opera with Arkema, **patron** of *Théâtre des Champs-Élysées* 



Alexis Hanquinquant, **athlete sponsored by Arkema,** paralympic triathlon champion in Paris 2024

Since 2019, Arkema has supported the **development** of women's football

# Installation of the new headquarters in La Défense





A modern ecosystem for the collaborators and stakeholders of the Group

- Modern and collaborative workspaces
- An ideal location to **facilitate interaction** with stakeholders and reinforce the Group's attractivity

# A demonstration of Arkema's know-how and innovations

- Numerous sustainable solutions of Arkema used in the building
- New showroom « Le Lab » showcasing Arkema's innovations



## ARKEMA

# 2024 financial performance

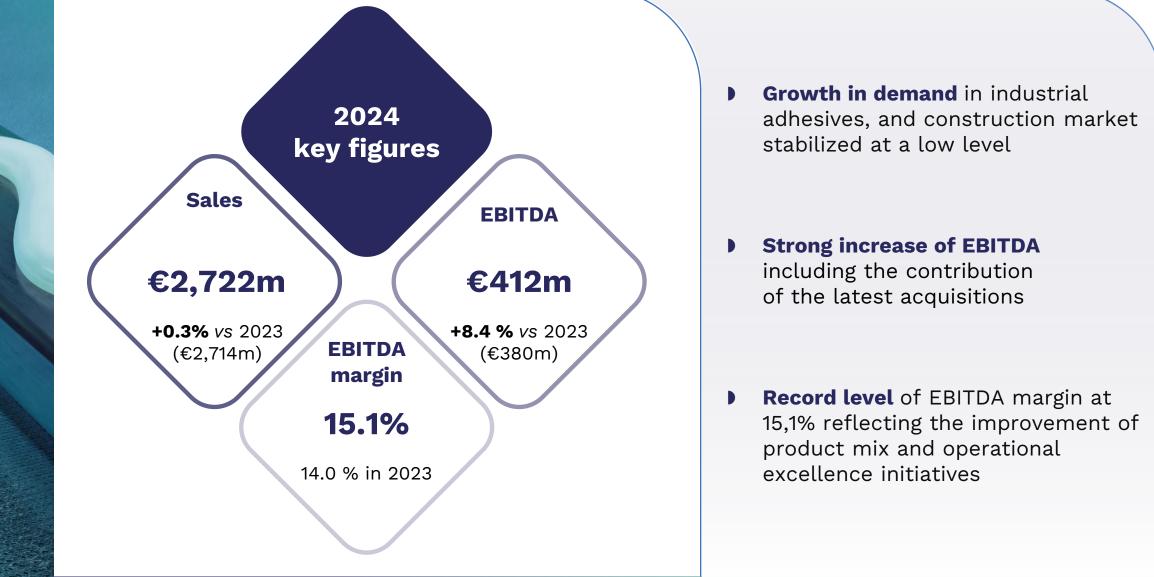
## 2024 key figures



Adjusted net income Sales €9,544m €616m 8.23 € per share Stable vs 2023 Net debt and hybrid bonds EBITDA €3,241m €1,532m 16.1% EBITDA margin 2.1x EBITDA 2024

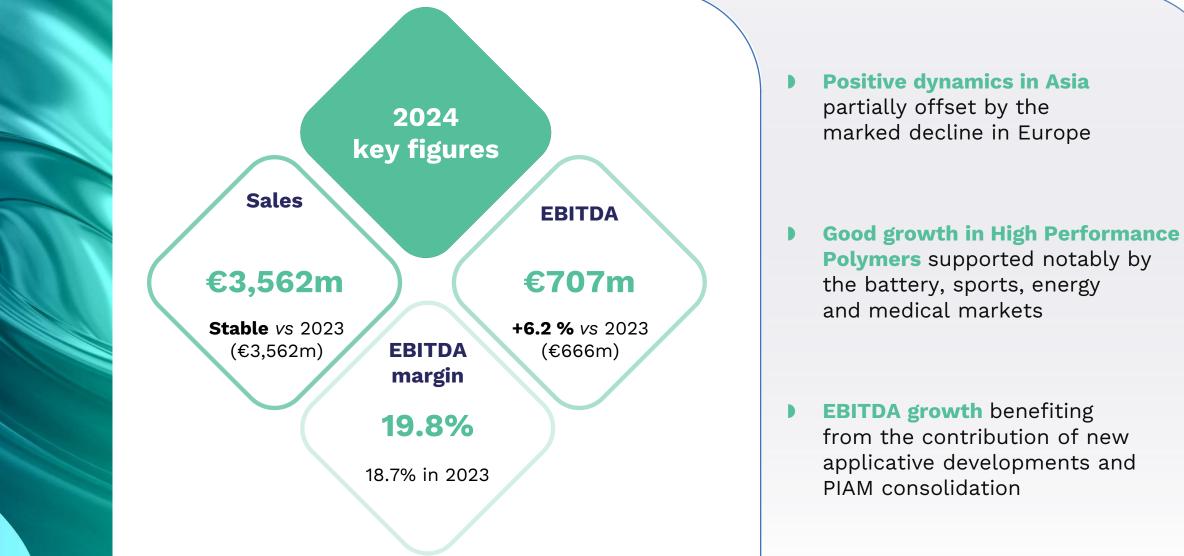
## Adhesives Solutions (29% of Group sales)





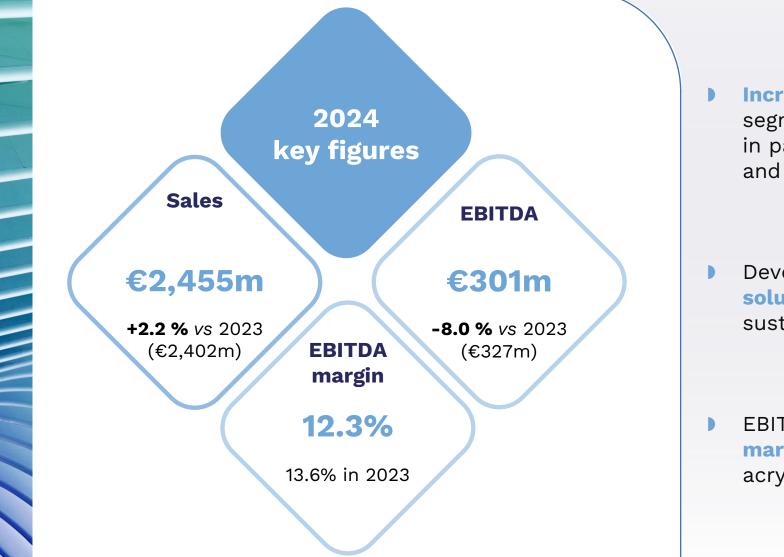
## Advanced Materials (37% of Group sales)





## Coating Solutions (26% of Group sales)





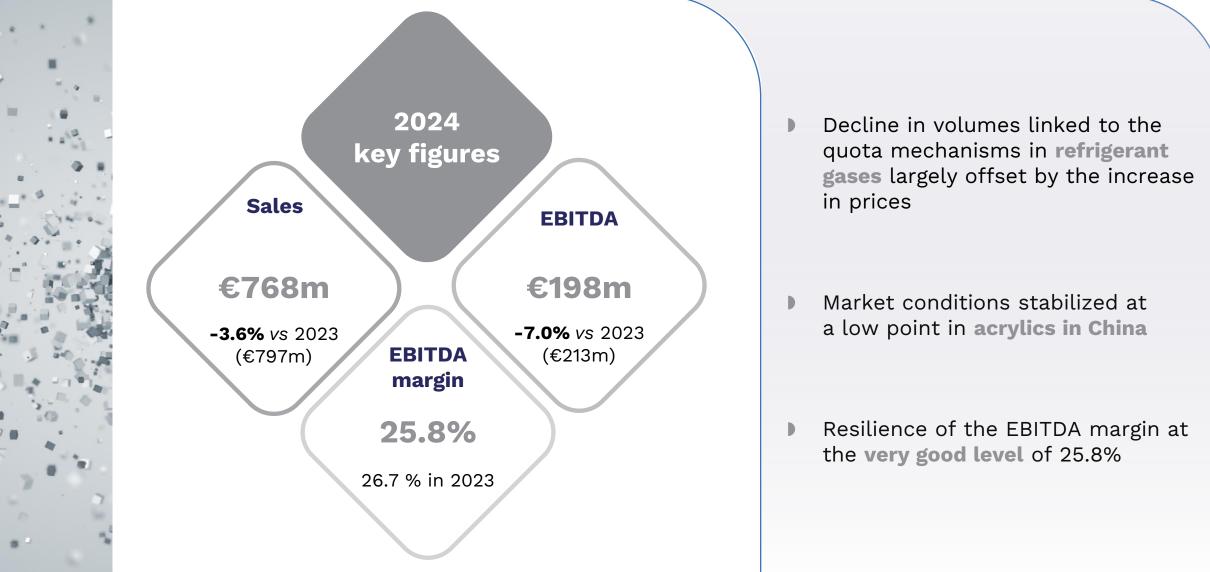
Increase of volumes in the segment's downstream activities in particular in industrial coatings and electronics

Development of high value-added solutions focused notably on sustainability

 EBITDA impacted by low cycle market conditions in upstream acrylics

## Intermediates (8% of Group sales)





# A cash generation reflecting the finalization of major growth projects





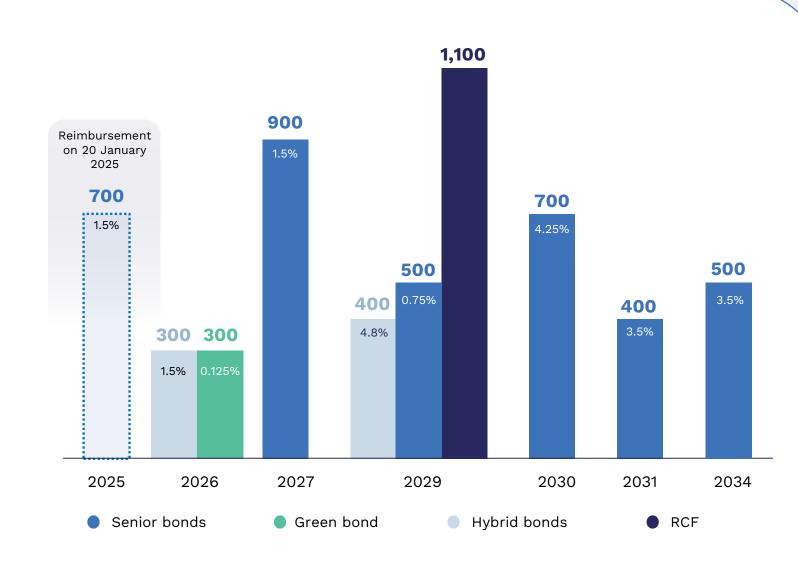
Strict management of working capital at 13.8% of sales at end-December 2024

 EBITDA to operating cash conversion rate at 77% (in line with the 70% target)

▶ Recurring capex at €761m reflecting the high density of growth projects

#### Continuous debt refinancing

2024 financial performance



▶ Refinancing of €400m of hybrid bond in March 2024

Issuance of a €500m senior bond in September 2024

Reimbursement of a €700m senior bond in January 2025

Solid financial rating

- Moody's : **Baa1** stable outlook
- S&P : **BBB+** positive outlook

# Key 1<sup>st</sup> quarter figures and 2025 outlook



Sales €2,381m +1.7 % vs Q1 2024 EBITDA €329m 13.8% EBITDA margin Adjusted net income €99m €1.31 per share

Net debt and hybrid bonds

€3,425m

2.3x last-twelve-months EBITDA



#### 2025 Outlook

- Uncertain global economic environment marked by weak demand outside of Asia
- Relying on its industrial footprint close to customers in the three major regions of the world, Arkema anticipates a limited direct impact from the recent increase in tariffs, but will remain vigilant about their effect on the macroeconomic environment and the global demand

In this context, the Group aims to achieve in 2025 an EBITDA at least equal to last year's at constant exchange rates and a significantly increasing recurring cash flow of close to €600 million, unless a major slowdown in global growth occurs due to geopolitical disruptions

2024 financial performance

# **Approval of the Company's and consolidated financial statements for 2024** (1<sup>st</sup> and 2<sup>nd</sup> resolutions)

#### **Renewal of the share buyback authorization**

(12<sup>th</sup> resolution)

- Ceiling : 10% of the Company's share capital for a maximum purchase price set at €130 per share
- Duration : 18 months

#### Renewal of the authorization to reduce the Company's share capital

(13<sup>th</sup> resolution)

- On one or more occasions, by the cancellation of all or part of the shares acquired notably under the buyback authorization granted in the 12<sup>th</sup> resolution
- Maximum nominal amount : 10 % of the Company's share capital per 24 months period
- Duration of authorization : 24 months

## ARKEMA

# Continuation of the strategy

HIX X.V

A vision shaped by the accelerating demand for high-performance materials

Strategy

# INNOVATIVE MATERIALS FOR A SUSTAINABLE WORLD

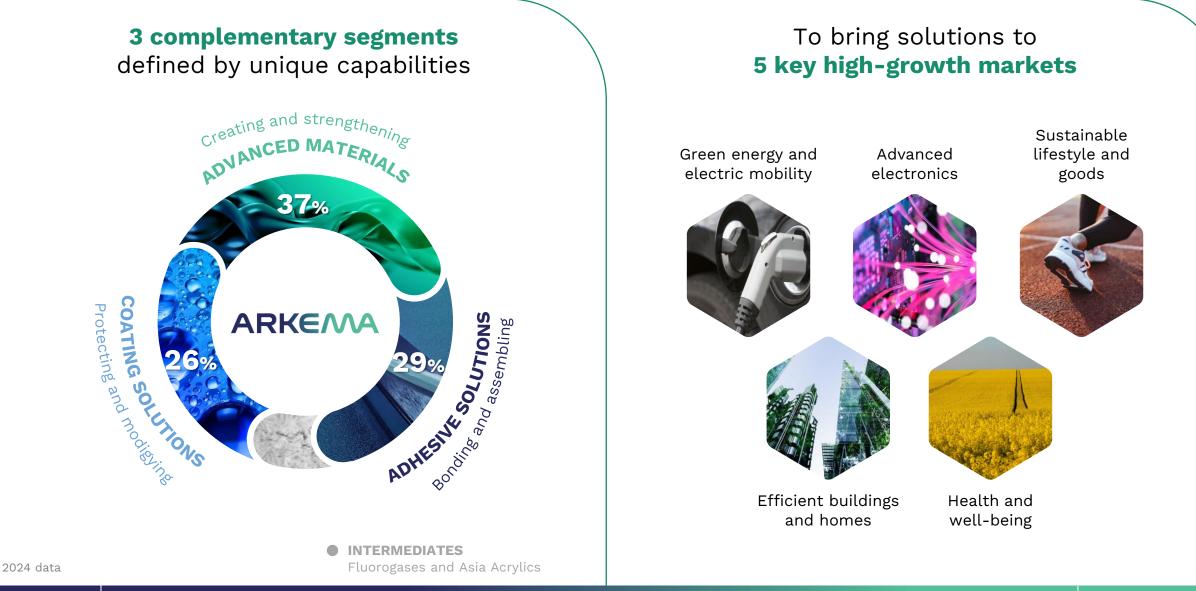
FOR A **VISION** 

A SIGNATURE

« Be a Specialty Materials leader, offering innovative and sustainable solutions to address our customers' current and future challenges

# Specialty Materials for high-growth markets





# High density of projects in North America and Asia to support our ambition



Acquisitions
 Organic growth CAPEX

#### North America

- Ashland Performance Adhesives
- Dow laminating adhesives
- Additive for biofuels and refinery
- Low GWP fluorospecialty
- HF with Nutrien
- PVDF for batteries
- Announced in 2025

#### Europe

Pebax<sup>®</sup> for sports goods

#### Asia & Rest of the world

- ▶ PI Advanced Materials (54%)
- Bio-based Amino 11 and PA11
- Additive for renewable energy
- PVDF for batteries
- UV curing resins for electronics and medical

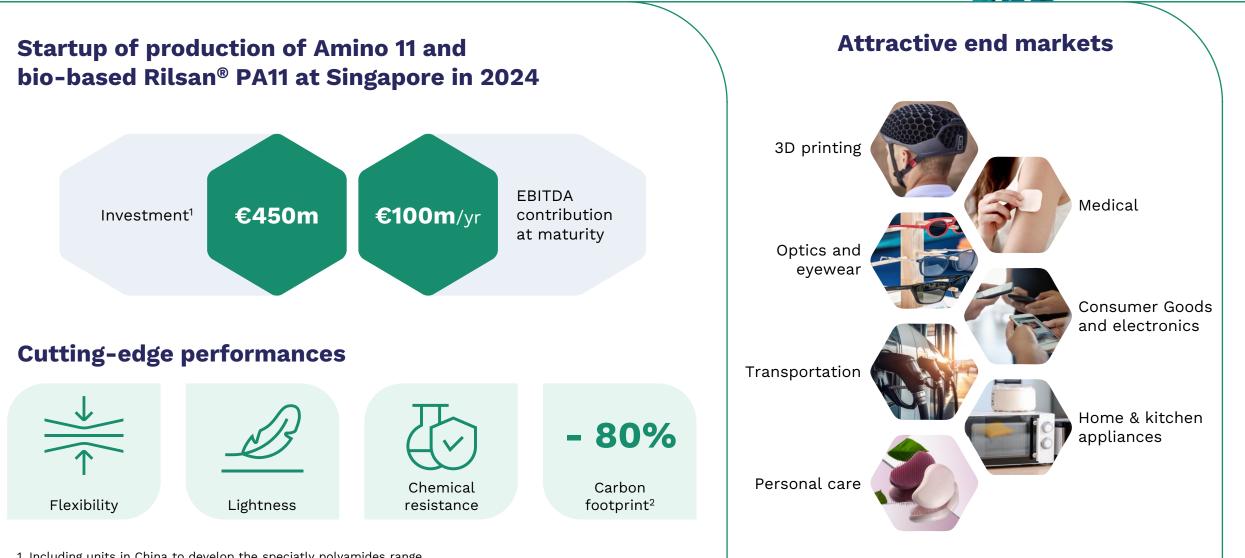
#### Additional EBITDA



in 2028 vs 2024

# Bio-based polymers at the heart of our growth projects

#### Strategy



1. Including units in China to develop the speciatly polyamides range

2. Compared to polyamides resins using fossil raw materials and energy sources

# Startup of 3 attractive industrial investments during the 1<sup>st</sup> semester of 2025

#### Strategy









#### Fluorospecialty for building insulation

- New unit for 1233zd
- US\$60m investment in Calvert City (US)

#### Additive for biofuels and refining

- ▶ 35% increase of our global capacities of DMDS
- ▶ €130m investment in Beaumont (US)

#### Niche additive for renewable energy

- Capacity of organic peroxides site multiplied by 2.5
- ▶ €50m investment in Changshu (China)

## Growth opportunities confirmed for PI Advanced Materials

Strategy



# PIAM solutions for diversified markets

#### Strategy

#### Films



- Flexible printed circuit boards
- Polyimide Copper Clad laminate
- Graphite sheet
- Insulation tape



#### Varnish



- Insulation tape
- OLED display
- Insulation
- Photo-sensitive PI



#### Stock shape



- Aerospace and defense components
- High-purity applications



## Progress in new generation batteries

#### **Strategy**



TIAMAT

# proionic 🌔

#### Stake acquisition in Tiamat

Pioneering start-up in new generation sodium-ion batteries

# Acquisition of 78% in Proionic

Leading start-up in the field of ionic liquid for next generation lithium-ion batteries

#### Partnership with Prologium

ProLogium

Collaboration in materials for new generation lithium-ceramic batteries for electric mobility

# Sustainable innovations for a changing world



**245** new patent applications filed in 2023 of which

> 90 % relating to sustainable development

# A R&D focused on our key markets



Green energy and electric mobility



Advanced electronics

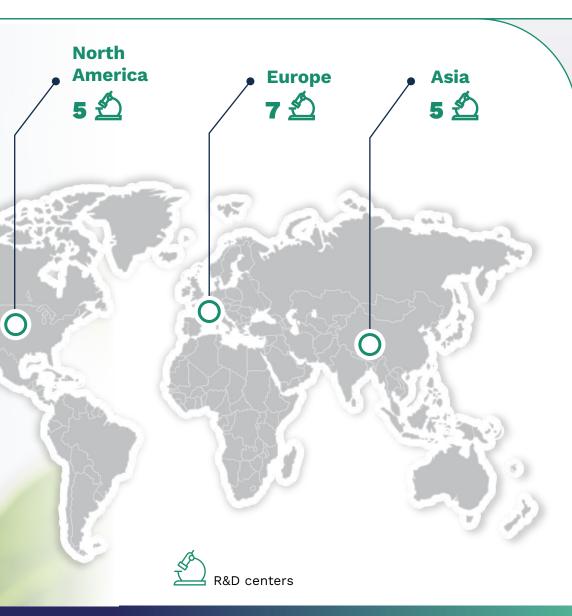




Efficient buildings and homes



Health and well-being



**Group programs on transversal themes,** which contribute to the decarbonization of our value chain



Lightweight materials and design

B b

Bio-based or bio-synthetized materials



Circular economy



More efficient and virtuous processes

# Enhancing low-carbon materials combining performance and durability





# Performant and bio-based fertilizer coatings

 Fluidiram<sup>®</sup> et Dustrol<sup>®</sup> custom-made coating agents for fertilizers protection

#### > 99% of bio-based material

 Development of special grades for Organic Farming certification

• **Co-developments** in partnership with our large customers



# Powder coatings made from recycled material



- Utilization of a recycled PET flow non usable by bottle manufacturers
- Partnership with PET recyclers and paints manufacturers

# Specialty products for enhanced circularity





# Adhesives for efficient and recyclable packaging

• Bostik SF10M and M-Resin adhesives for flexible food packaging

 Compatible with recycling channels of mono-material polyethylene or prolypropylene films

Certification by the organization RecyClass
 RecyClass



# Removable adhesives to enable repair and recycling

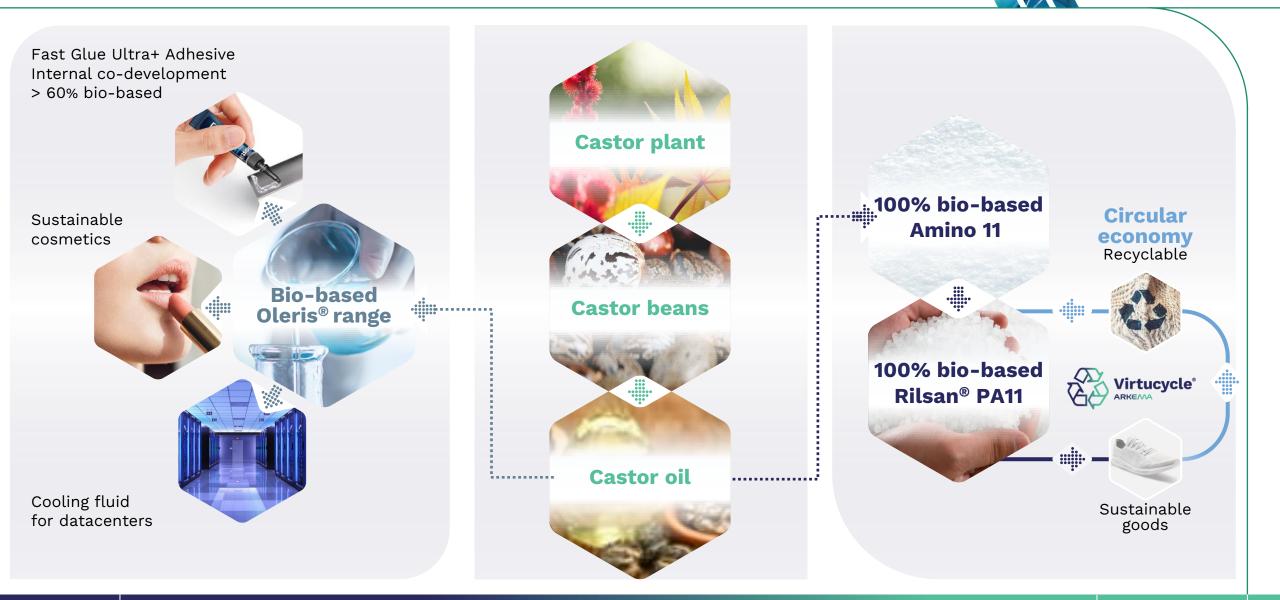
**R3BOND® system** for flooring applications

75% of bio-based materials and use of recycled plastics packaging

Optimization of both costs and timelines of refurbishment

# Specialty materials optimizing energy, resources and performance





## Strengthened 2030 targets on several CSR indicators

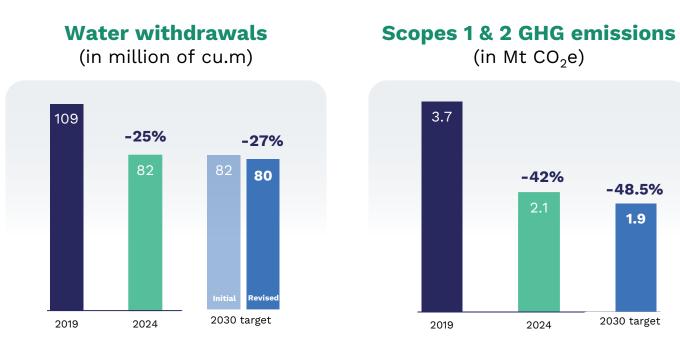
-48.5%

1.9

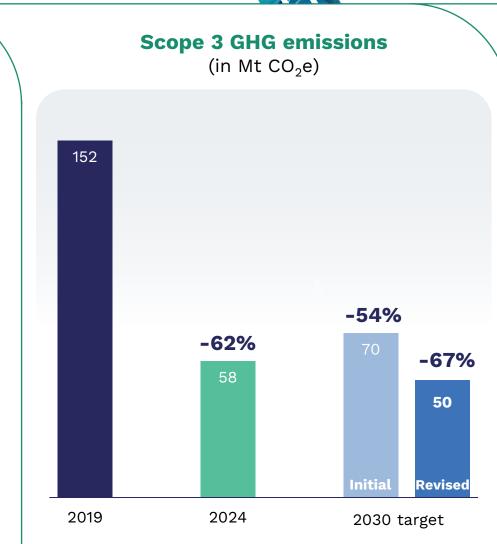
2030 target

2.1





- Continuation of Group's climate plan deployment in 2024, and decrease of most emissive activities
  - 42% decrease of greenhouse gas emissions on scope 1 and 2  $\rightarrow$ vs 2019, in line with 2030 target
  - → Setting of a more ambitious 2030 objective on scope 3 emissions, SBTi target being already exceeded at end 2024



## New long-term agreements for renewable energy supply



#### Signing of several *Power Purchase Agreements*

New agreements in the US and China

### Duration of contract exceeding 10 years on average

 Essential approach to reduce our scope 2 emissions



### > 30%

Share of electricity coming from renewable sources in 2024



# Biomethane supply agreement with ENGIE

- 8-year contract for 25 GWh/year
- Supply of **4 Bostik sites in France**
- Around 85% of the annual gas consumption of these sites
- Following the 300 GWh/year contract signed in 2023 with ENGIE

A CSR performance recognized by rating agencies and external labels

**Strategy** 



reduction program

obtained in the 3 geographical areas

for Kynar Aquatec<sup>®</sup> and Rilsan<sup>®</sup> PA11 products range

in China including Green Supply Chain Management Award

## Corporate Sustainability Reporting Directive A lever in the service of sustainability at Arkema

Strategy



## ARKEMA

# Governance



#### **Composition as of 31 December 2024**



**14** members (including the Chairman and CEO)

73% independence rate

director representing employee shareholders

**2** directors representing employees

45% women

Members renewal since 2021 has allowed to **maintain a high level of independence**, and **enrich and diversify** the Board of Directors' competencies

- Complementarity of competencies and profiles : management of a publicly traded group, knowledge of chemistry and industry, experience in finance and M&A, sustainable development competencies, including climate, sustainable innovation and societal challenges
- Benefit from long-standing international experiences (50%) complemented by 4 foreign-nationals directors
- Strong and independent personalities within the Board
- A continuous commitment of directors to Arkema's strategy and its major projects, supported by a continuous and fluid dialogue

#### Age of directors and of Chairman

- Possibility to appoint or reappoint a director for a term of 4 years up to and including the age of 70 (17<sup>th</sup> resolution)
- The Chairman cannot exceed 72 years (18<sup>th</sup> resolution)

## Evolution of Board of Directors: reappointment proposals (4<sup>th</sup> to 6<sup>th</sup> resolutions)





#### Ilse HENNE

#### **Independent director**

- Member of the Audit and Accounts Committee
- Senior executive international experience in an industrial company
- Deep knowledge of Arkema markets, of finance, and of technological and environmental transitions
- Belgian national and living in Germany



#### **Bpifrance Investissement**

#### Director

- Representative of Lac1 fund holding 7.1% of share capital
- Deep knowledge of Arkema markets, of technological and environmental transitions, and of governance

#### Thierry PILENKO

#### **Independent director**

- Chairman of the Nominating, Compensation and Corporate Governance Committee
- Long standing experience as Chairman and CEO of a publicly traded company in a highly international industrial environment
- Deep knowledge of technologies, of the US market and of governance
- French-American dual citizenship



#### Sébastien MOYNOT

#### Permanent representative of Bpifrance Investissement

- Member of the Innovation and Sustainable Growth Committee
- Member of the steering committee of Bpifrance Investissement Large Cap
- Deep knowledge of various industrial sectors, of innovation, and of renewable energies and recycling fields

## Governance of the Board and committees



#### **Board of directors**

97%

Attendance rate 7 meetings including:

- 1 one-day seminar dedicated to strategy
- 1 executive session
- 1 session on site in France or abroad (2 days)

#### Senior independent director

Oversees the proper functioning of governance structures

Audit and Accounts Committee 100% Attendance rate 6 meetings

Nominating, Compensation and Corporate Governance Committee 100% Attendance rate 4 meetings

Innovation and Sustainable Growth Committee 93% Attendance rate 3 meetings

#### Assessment of the Board's operating procedures led by an independent consulting firm for 2024

A well-balanced, experienced and diversified Board, capable of understanding new challenges

A benchmark for efficiency and organization : an advanced level

Chairman's leadership which facilitates discussion and leaves room for debate and questions Specialized committees working well and fulfilling their role in relation to the Board and the directors



- Compensation policy for directors (excluding Chairman and CEO) 7<sup>th</sup> resolution
- Continuation of the distribution methods approved by the general meeting of 2024

	Board of Directors	Committees		Senior independent director
		Member	Chairman	
Fixed part	€25,000	-	-	€20,000
<b>Variable part</b> per session linked to physical presence	€3,500	€2,750	€5,500	
<b>Variable part</b> per session in the event of a meeting of shorter duration	€1,750	€1,375	€2,750	

Maximum overall envelope: €900,000 per year

Amount of total compensation awarded in 2024 : €667,917 – 9<sup>th</sup> resolution



#### Policy approved by the general meeting in 2024 for 4 years by a vote of 94.91%

Fixed annual compensation	€1,150k	Various	Company car, executive officer unemployment assurance, Group personal risk and health insurance plan
Variable annual compensation	Up to 180% of fixed annual compensation 3 quantitative criteria (EBITDA, recurring cash flow and contribution of new business development) for 75% of the amount 1 qualitative criterion relating to the Group's priority areas for 25%	Indemnity in case of forced departure	<ul> <li>18 months (fixed + variable) maximum subject to performance criteria over the 3 years preceding the date of termination:</li> <li>Average annual variable compensation ≥ 80% of the target VC (accounting for 70% of the indemnity)</li> <li>Average TRIR ≤ 1.1 (15% of the indemnity)</li> </ul>
Retirement	20% of annual compensation (fixed + variable)		Average operating cash conversion rate ≥ 70% (15% of the indemnity)
Performance shares	33,000 shares subject to performance criteria (up to 120% in the event of outperformance		Non-compete clause for a period of one year
	and if two of the criteria do not reach 50%, the maximum award rate is capped at 100% for each of the other criteria)		The Board's discretionary powers in case of exceptional circumstances

# Elements of the 2024 compensation of the Chairman and CEO subject to approval (10<sup>th</sup> resolution)



	Amount	Description
Fixed remuneration	€1,094,363*	Set for 4 years upon renewal of the term of office of the Chairman and Chief Executive Officer on 15 May 2024. * In 2024 : determination in application of a <i>pro rata</i> of €1,000,000 until 14 May 2024 and €1,150,000 from 15 May 2024
Variable remuneration	€1,631,387 149.07% of annual fixed compensation	<ul> <li>Set annually by the Board of Directors and determined based on the achievement of specific, precise and demanding quantitative and qualitative targets, aligned on Group's strategy and its priorities. Can reach up to 180% of the annual fixed compensation.</li> <li>3 quantitative criteria: EBITDA, recurring cash flow and new business developments (135%)</li> <li>Qualitative criteria : implementation of the Group's long-term strategy and main operational priorities, operational management (including CSR policy) (45%)</li> </ul>
Performance shares	33,000* share * Up to 20% additional in the event of outperformance	<ul> <li>5 performance criteria:</li> <li>Group EBITDA margin (20%)</li> <li>Operating cash conversion rate (20%)</li> <li>Comparative Total Shareholder Return (15%)</li> <li>Group's Return on average capital employed (ROACE) (15%)</li> <li>CSR (30%) : <ul> <li>One half : climate trajectory</li> <li>Other half, in equal parts: process safety events rate (PSER), circular economy and percentage of women in senior management and executive positions</li> </ul> </li> </ul>
Other elements	20% (fixed + variable) Benefits in kind	<ul><li>Pension</li><li>Company car</li></ul>

Governance

 Target : involve more closely executives and certain employees (approximately 1,700 beneficiaries) to the Group's development, to its medium-term stock performance

- Maximum number of shares granted:
- 1,650,000, i.e. nearly 2.2% of the share capital
- Duration of authorization:
   38 months

#### Demanding performance criteria aligned with the 2028 objectives

- 4 financial criteria (70%) : Group EBITDA margin (20%), operating cash conversion rate (20%), comparative TSR (15%) and Group's Return on average capital employed (15%)
- 1 composite CSR criterion (30%) : carbon trajectory (50%) and multi-indicators (diversity, process safety and water withdrawals) (50%)
- If two of the criteria do not reach 50%, the maximum award rate is capped at 100% for each of the other criteria

#### Vesting period of 3 years + holding period of 2 years



Renewal of the authorization granted to the Board of Directors to award free performance shares (14<sup>th</sup> resolution)

### 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 a context marked by strong geopolitical tensions, where the evolution of 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, rising geopolitical tensions, and changes in general economic and business conditions. These risk factors are further developed in the 2024 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.

Definitions and reconciliation tables for the main alternative performance indicators used by the Group are provided in the "Arkema full-year 2024 results press release" available on Arkema's website at : www.arkema.com/global/en/investor-relations/