### Arkema

### Nomura Global Chemical Industry Leaders

**Thierry Lemonnier** CFO



**Rome, March 23<sup>rd</sup>, 2012** 

### Principles applied for FY'11 and 4Q' consolidated accounts

Consolidated statements were prepared in accordance with IFRS 5 rules following the announcement on November 23<sup>rd</sup>, 2011 of a project to divest Vinyls\*.

#### Income statement excludes Vinyls for both 2011 and 2010

 Vinyls are accounted for as discontinued operations

#### Balance sheet excludes Vinyls only in 2011

 Vinyls are accounted for as assets or liabilities held for sale

#### Cash flow statement includes Vinyls for both 2011 and 2010

• Cash flow from Vinyls are mentioned as cash flow from discontinued operations for both 2011 and 2010



\* Project subject to the legal information and consultation process involving the workers councils in the various entities and countries concerned, and to the approval of antitrust authorities

# Full year 2011 overview\*

\* In application of IFRS 5 rules, Vinyls activities subject to a divestment project are accounted as discontinued operations



### Full year 2011 highlights

#### Arkema delivers record full year earnings with 28% EBITDA growth

€1,034m EBITDA continuing operations
 €1,010m EBITDA including Vinyls

fully in line with guidance

- Globally favorable market conditions
- Strong benefits from expansions in China and growth from innovation in specialty polymers
- Solid 4<sup>th</sup> quarter despite significant and temporary destocking at customers
- 27% gearing including large acquisitions

High-range profitability

#### Accelerate transformation momentum

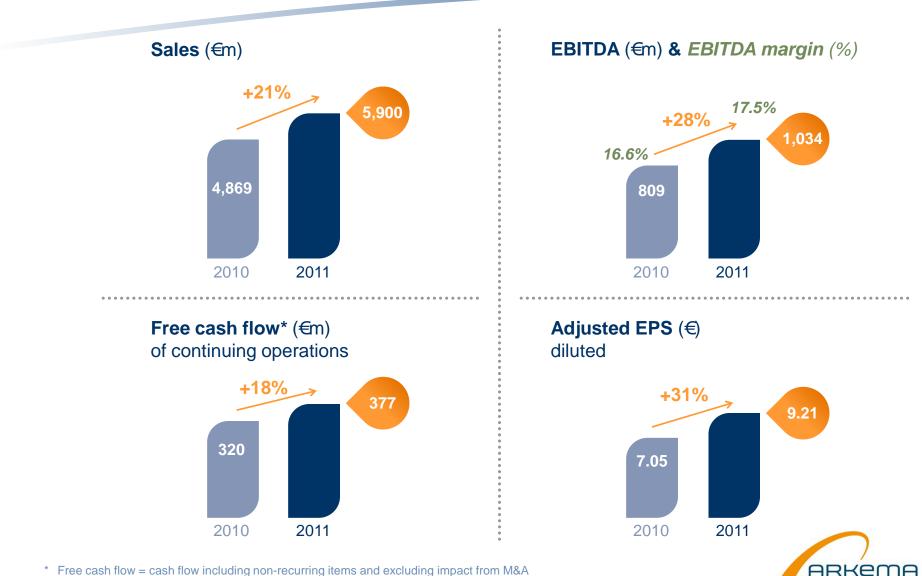
- Acquisition of Total specialty resins and Seppic specialty chemicals
- Acquisition of Hipro and Casda in China closed February 1<sup>st</sup>, 2012
- Project to divest Vinyls\*



\* Project remains subject to the legal information and consultation process involving the workers councils in the various entities and countries concerned, and to the approval of antitrust authorities



### Record EBITDA above €1 bn

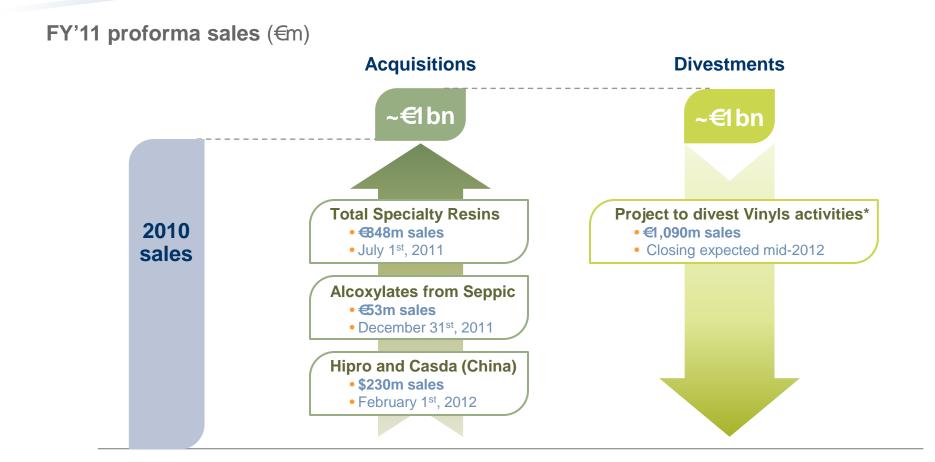


The world is our inspiration

\* Free cash flow = cash flow including non-recurring items and excluding impact from M&A

5 - ARKEMA / Results

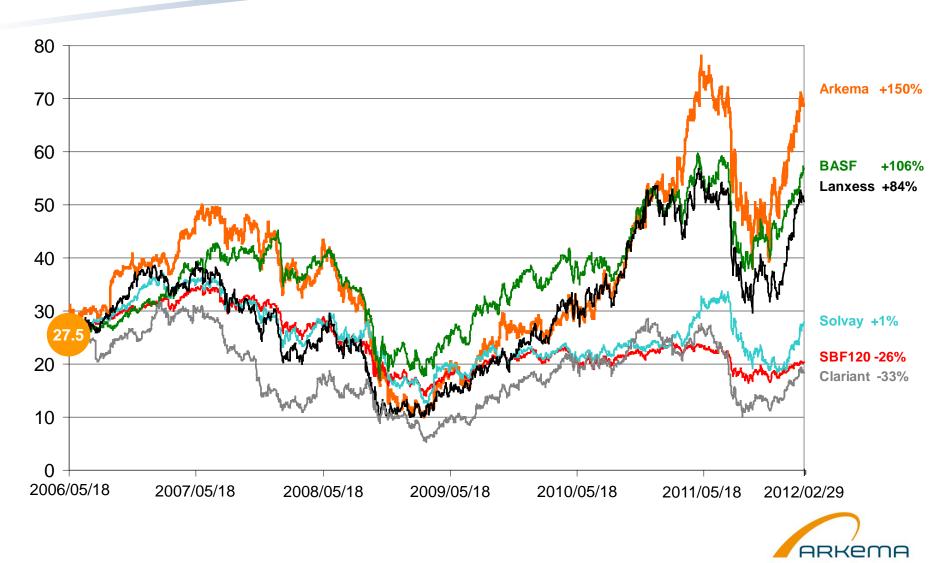
### A year of major portfolio change



\* Project remains subject to the legal information and consultation process involving the workers councils in the various entities and countries concerned, and to the approval of antitrust authorities



### Share price since spin off multiplied by 2.5



The world is our inspiration

# Full year 2011 major projects

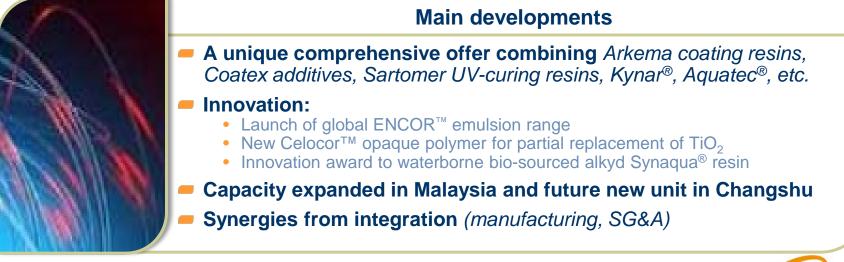


### **Acquisition of Total specialty resins**



- Closing on July 1<sup>st</sup>, 2011 and successful integration
- +€408m net sales in 2H'11
- Our ambition: build a global leader in specialty coating materials
- Benefit from upstream acrylic acid





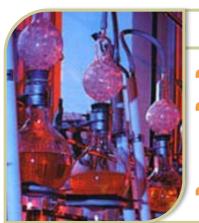


### **Acquisition of Specialty Chemicals from SEPPIC**

#### **Highlights**

- Closing on December 31<sup>st</sup>, 2011
- €53m sales in 2011
- World class industrial site in Antwerp (Belgium)
- Strong growth potential (+5% / year)
- Excellent profitability (similar to Arkema level)



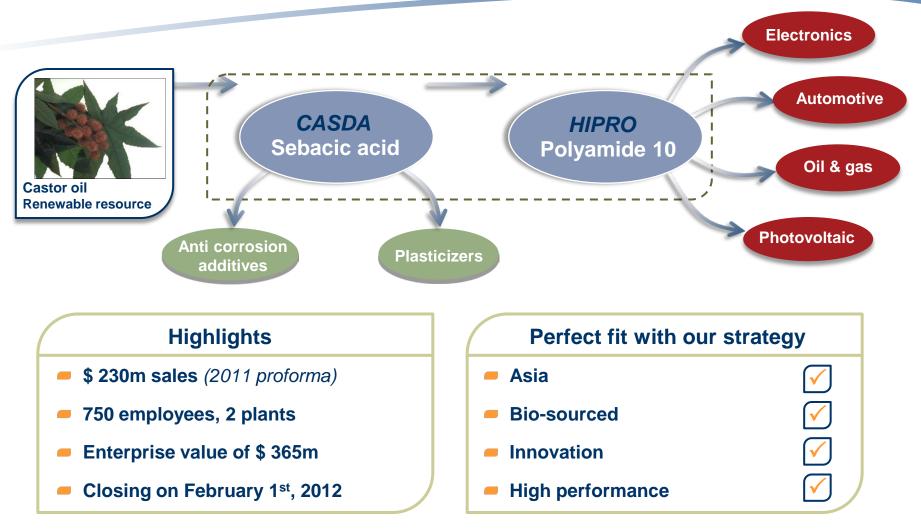


#### **Expected developments**

- Complementary products for Specialty Chemicals business unit
- Support growth of new rheology additives offered by Coatex
  - Thickeners or pigment dispersants for coatings
  - Concrete additives for high-tech civil engineering
- Possible expansion of production capacity in Antwerp

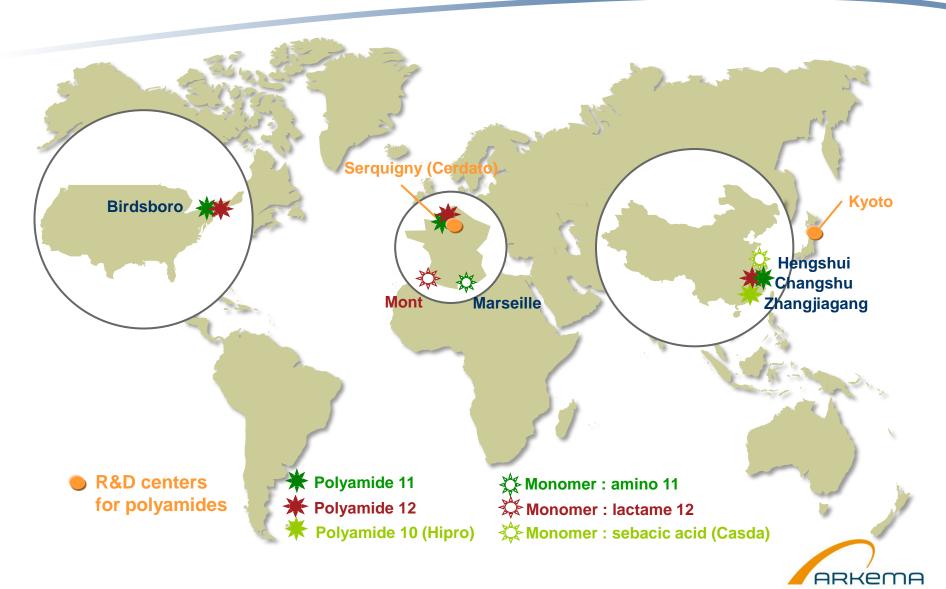


### Acquisition of Hipro Polymers and Casda Biomaterials (China)





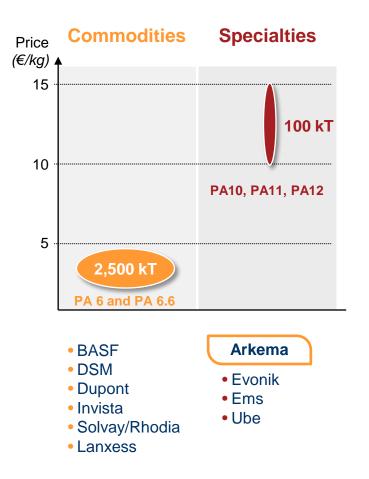
### A global manufacturing footprint in specialty polyamides



12 - ARKEMA / Results

The world is our inspiration

### Arkema, a worldwide leader in specialty polyamides



#### Growing markets: +5% / year



Flexible pipes for oil & gas extraction



Photovoltaic panels





Metal Elect replacement fra in automotive



- Unique range of PA 10, 11 and 12
- Strong expertise in bio-sourced materials
- Unique presence in Asia
- High performance and light-weight materials



### **Update on Vinyls divestment project**

#### Project to sell the Vinyl Products segment to Klesch Group

- Project announced on November 23<sup>rd</sup>, 2011
- #3 European PVC player behind Ineos and SolVin
- 2,630 employees
- €1,090m sales

#### Closing expected mid 2012 subject to:

- Ongoing information / consultation of relevant workers councils
- Approval by relevant antitrust authorities

#### Impact on 2011 financial statements

- € (587) m in P&L
- €264 m PPE fully written off
- €(73) m net liabilities held for sale including €(61) m provisions to be transferred,
   €139 m working capital and €(151) m provisions mainly relating to working capital
- €22 m deferred tax assets recognized



### Impact of Vinyls divestment project

P&L (€m)	2011 incl. discontinued operations	Transaction impact	2011 continuing operations
Sales	6,990	1,090	5,900
EBITDA	1,010	(24)	1,034
D&A	(314)	(42)	(272)
Rec. operating income	696	<mark>(66)</mark>	762
Net income – Group share	(19)	(587)	568

€(505) m non-recurring expenses + €(82) m net income of Vinyls\*

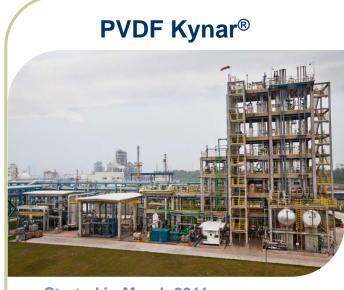
- €264 m write-off of PPE
- €151 m provision mainly relating to working capital accounted for as liabilities held for sale
- €88 m financial expense including €96.5 m cash to be transferred

- 4Q'11 EBITDA at € (18) m impacted by :
  - significant destocking by customers at year end
  - strikes at LyondellBasell refinery (post announcement of closure project) and at Arkema sites (post announcement of the divestment project)



Scope of business subject to a divestment project which remains subject to the legal information and consultation process involving the workers councils in the various entities and countries concerned, and to the approval of antitrust authorities

### Two new product lines for Changshu (China)



- Started in March 2011
- Traditional markets: coatings, oil & gas, chemical process industry
- New markets: photovoltaic, li-ion batteries, water filtration



- Started in August 2011
- Rheological additives for coatings, paper, high performance concrete

Changshu: largest industrial platform of Arkema worldwide



### Four new projects announced in 2011 in Asia





# Full year 2011 financials\*

\* In application of IFRS 5 rules, Vinyls activities subject to a divestment project are accounted as discontinued operations





<i>in €m</i> (except EPS)	2010	2011	Variation
Sales	4,869	5,900	+21%
EBITDA	809	1,034	+28%
EBITDA margin	16.6%	17.5%	
Recurring operating income	562	762	+36%
Adjusted net income (continuing operations)	431	574	+33%
Net income (discontinued operations)	(78)	(587)	n.m.
Net income (Group share)	347	(19)	n.m.
Diluted adjusted EPS (continuing operations)	7.05	9.21	+31%

In application of IFRS 5 rules, Vinyls activities subject to a divestment project are accounted for as discontinued operation

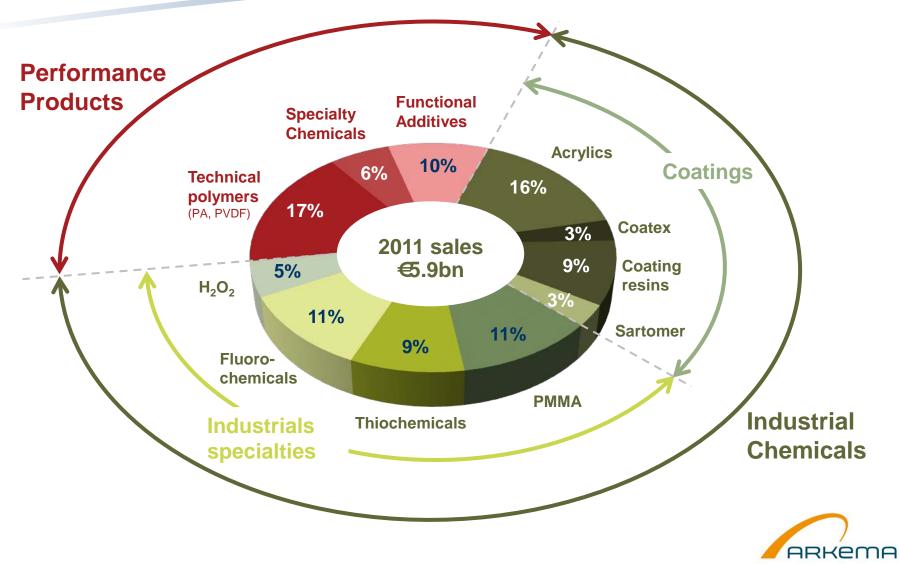


### +21% sales year-on-year



The world is our inspiration

### Sales breakdown

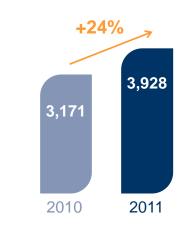


The world is our inspiration

# Industrial Chemicals strong growth and high profitability

#### +24% sales at €3.9 bn

- Price increases offset high raw material costs
- + €408 m sales from newly acquired Specialty Resins
- Strong volumes in 1H followed by more traditional pattern and customer destocking in 2H
- High contribution of Fluorochemicals with specifically favorable market conditions in HFC-125 in Asia
- High unit margins in acrylic monomers on tight supply and demand balance overall (mid-cycle assumed for 2012)
- Continued strong performance in Thiochemicals supported by animal nutrition and oil & gas
- Benefit in PMMA from improved cost structure in Europe



EBITDA (€m) &

Sales (€m)





### Performance Products successful turnaround driven by innovation and Asia



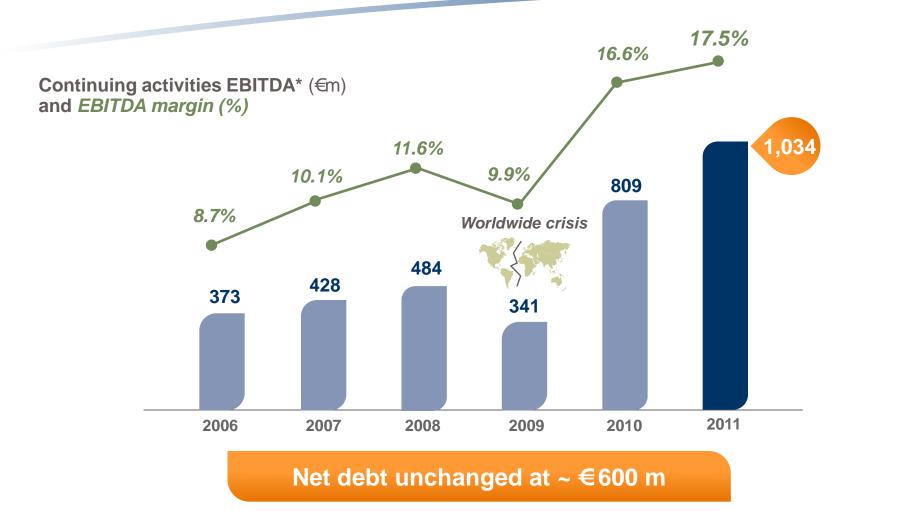
#### Strong contribution from Technical Polymers (PA, PVDF)

- Highly diversified end markets with excellent fit on mega-trends
- Strong growth in Asia

15.5% 17.4% 260 339 2010 2011



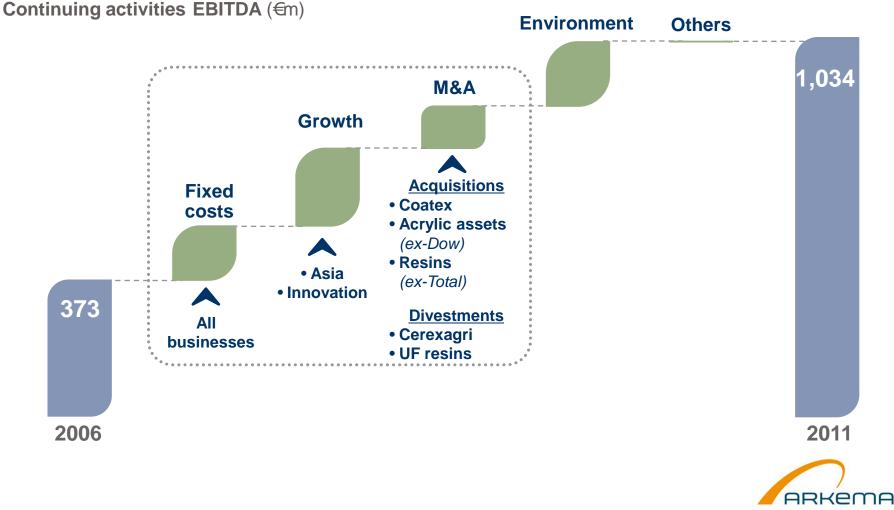
### Higher profitability and greater resilience



\* From 2006 to 2009, figures exclude results of the whole Vinyl Products segment. For 2010 and 2011, figures exclude Vinyls business subject to a divestment project Project to divest Vinyls remains subject to the legal information and consultation process involving the workers councils in the various entities and countries concerned, and to the approval of antitrust authorities



### 3/4 of EBITDA growth comes from structural strengthening

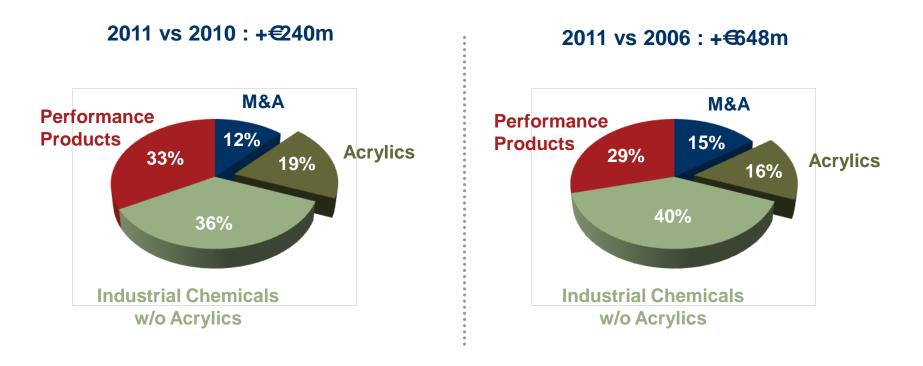


The world is our inspiration

25 - ARKEMA / Results

### **Contribution of product lines to EBITDA growth**

**Continuing activities** (excluding corporate)



#### **80% EBITDA growth in other lines than Acrylics**



### Successful turnaround across all businesses

20% 20% 10% 2006 2007 208 209 2010 2011

Coatings: Acrylics, Coatex, Sartomer, Coating Resins Industrial Specialties: PMMA, Thiochemicals, Fluorochemicals, H<sub>2</sub>O<sub>2</sub> Performance Products: Technical Polymers, Specialty Chemicals, Functional Additives



EBITDA margin (%)

### 4Q 2011 **Highlights and key figures**

#### Solid performance in line with guidance despite significant destocking at customers

- 2<sup>nd</sup> best performance in a 4<sup>th</sup> quarter
- Return to traditional seasonal pattern after atypical 4Q'10

#### +17% sales at €1.4bn

- Strong prices and better product mix
- + €190 m from newly acquired Specialty Resins

#### Strong contribution from Performance Products

- 14% EBITDA margin
- Successful repositioning on higher value added products and fast-growing countries

#### Seasonality and destocking in Industrial Chemicals

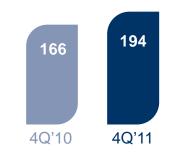
- Back to usual seasonality in coatings, air-conditioning and refrigeration reflected in volumes and unit margins
- Significant destocking by customers
- Volumes gradually improve since beginning of 2012

#### Excellent cash generation with + €194m free cash flow\*

Free cash flow including cash flow from Vinyls operations subject to a divestment project
 = cash flow including non-recurring items and excluding impact from M&A
 28 - ARKEMA / Results

Sales (€m) of continuing operations



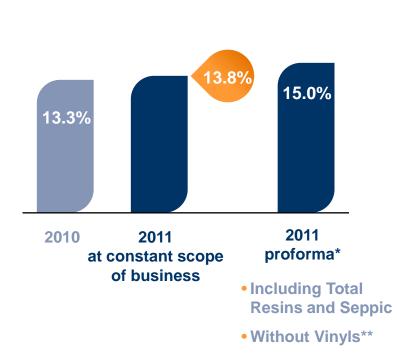


Free cash flow\* (€m)

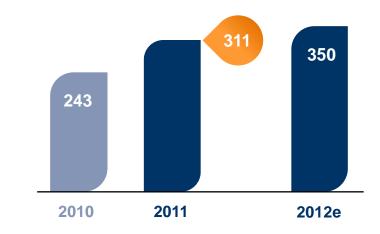


### Working capital and capex

Working capital / sales (%)



#### **Recurring capex without Vinyls** (€m)



- In line with FY'11 guidance
- €59 m capex in Vinyls not included
- Not including €50 m non-recurring capex in 2011 and 2012e (Jarrie, Lacq 2014, Thiochemicals in Asia)

\* 2011 proforma : (WC of continuing operations ) / (2011 sales of continuing operations + Total resins sales in 1H'11+ 2011 Seppic sales)
 \*\* Project remains subject to the legal information and consultation process involving the workers councils in the various entities and countries concerned, and to the approval of antitrust authorities

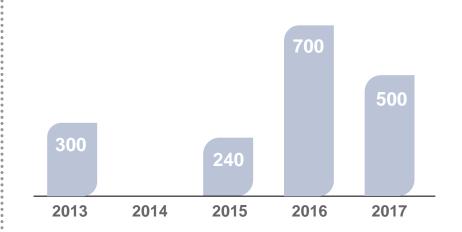


### Strong balance sheet maintained

31 Dec. 2010	31 Dec. 2011
94	603
2,240	2,217
702	686
2,379	2,693
785	960
3,164	3,653
	2010 94 2,240 702 2,379 785

- 27% gearing
- 0.6x net debt / EBITDA
- Provisions include:
  - €261m pensions
  - €72 m restructuring
  - € 127m environment
- €347m unrecognized DTA end 2011

Maturity of financial debt (€m)



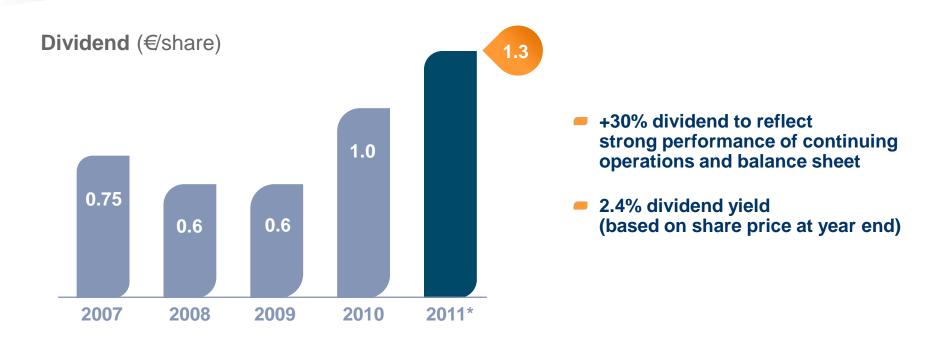
- New €700 m syndicated credit line signed in July 2011 with 2016 maturity
- Average maturity > 4 years
- More than €1.2 bn available after 5 years



Balance sheet items include Vinyls in 2010 and excludes Vinyls business subject to a divestment project in 2011 \* Provisions net of non-current assets. \*\* Excluding deferred income tax assets

30 - ARKEMA / Results

### Dividend



#### Arkema confirms its dividend policy: "Arkema intends to pay a stable to reasonably rising dividend each year."



\* Dividend proposed to the Shareholders' Annual General Meeting of May 23th, 2012

# Strong growth platform for the future



# Our ambition a top world specialty chemical player

#### Accelerating growth

- Innovation in sustainability
- Growth in emerging countries
- Bolt-on acquisitions
- Operational excellence

#### Well established growth platform

- Portfolio refocused on specialties
- Well balanced geographical footprint
- Strong innovation pipeline

#### **Profitability restored**

Spin off

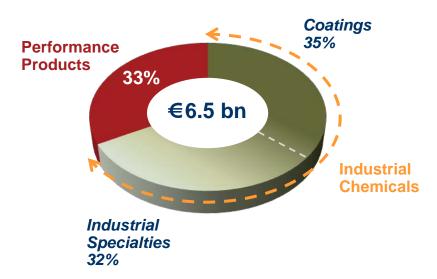
2005

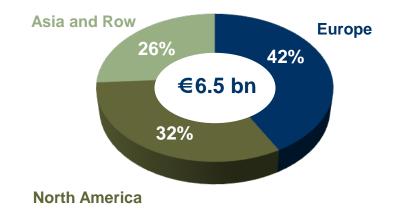


### Well balanced portfolio and geographical coverage\*

#### 2011 sales by business line\*

2011 sales by region\*





Proforma sales including full year contribution of Total Resins, Seppic, HiPro and Casda and excluding Vinyls
 Project to divest Vinyls remains subject to the legal information and consultation process involving the workers councils in the various entities and countries concerned, and to the approval of antitrust authorities

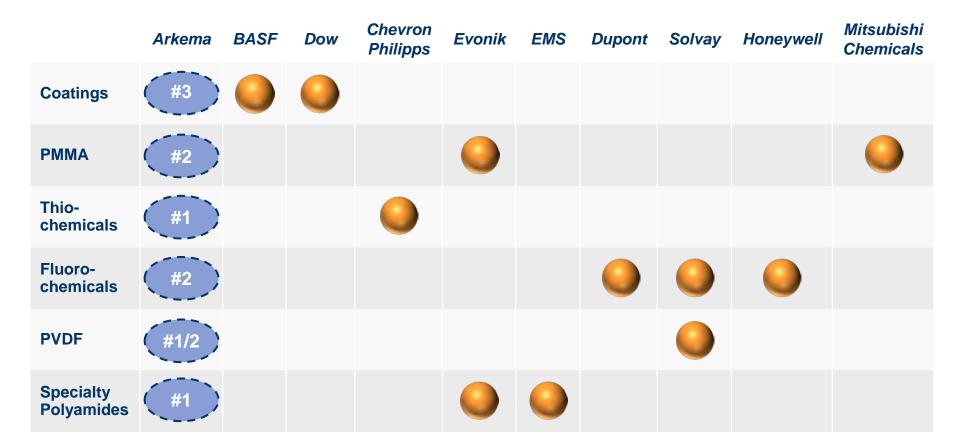


34 - ARKEMA / Results

- Six main product lines of specialty chemicals
- Market positions between n°1 and n°3 in the world
- Limited number of players on small to mid-size segments
- Proprietary technologies and know-how
- Attractive development opportunities in emerging countries
- Portfolio well positioned to benefit from mega-trends



### **Global leadership positions**





### Well positioned on mega-trends

	New energies / Energy efficiency	Renewable	Water management	Lightweight materials
Coatings	0	0	0	
РММА				0
Thiochemicals	0	0		
Fluorochemicals PVDF	0		0	0
Specialty Polyamides	0	0		0



### **Strong underlying growth drivers**

	End-markets	Growth drivers	Estimated growth
Coatings	<ul> <li>Paints and adhesives</li> <li>Super-absorbents</li> <li>Water treatment</li> </ul>	<ul> <li>Low VOC requirements</li> <li>Growing and ageing population</li> <li>Access to drinkable water</li> </ul>	<b>+3.5%</b> /year
ΡΜΜΑ	<ul><li>Automotive</li><li>Signs and displays</li><li>Electronics</li></ul>	<ul> <li>Lighter cars</li> <li>Increasing standard of living</li> <li>LED TV</li> </ul>	<b>+3.5%</b> /year
Thiochemicals	<ul><li>Oil &amp; gas</li><li>Animal nutrition</li><li>Soil fumigation</li></ul>	<ul> <li>Middle East and Asian developments</li> <li>Increasing white meat consumption</li> <li>Substitution of banned methyl bromide</li> </ul>	<b>+4.5%</b> /year

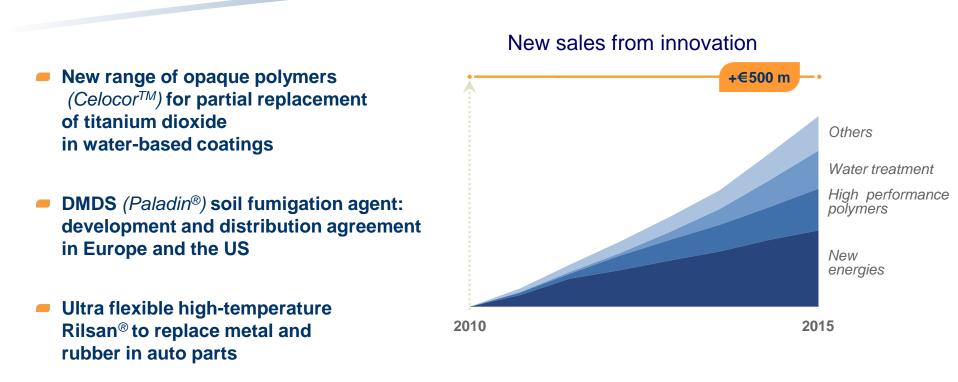


### **Strong underlying growth drivers**

	End-markets	Growth drivers	Estimated growth
Fluorochemicals	<ul><li>Refrigeration</li><li>Fluoropolymers</li></ul>	<ul> <li>New regulations in air-conditioning</li> <li>Increasing standard of living</li> <li>Unique polymers with outstanding growth</li> </ul>	<b>+3.5%</b> /year
PVDF Kynar®	<ul> <li>Industrial paints</li> <li>Oil &amp; gas</li> <li>New energies</li> <li>Water filtration</li> </ul>	<ul> <li>Growth in Asia</li> <li>Deep off shore</li> <li>Photovoltaic, li-ion batteries</li> <li>Access to drinkable water</li> </ul>	<b>+7%</b> /year
Specialty Polyamides	<ul> <li>Automotive</li> <li>Oil &amp; gas</li> <li>New energies</li> <li>Consumer goods</li> </ul>	<ul> <li>Metal replacement and lighter cars</li> <li>Deep off shore</li> <li>Photovoltaic</li> <li>Increasing standard of living</li> </ul>	<b>+5%</b> /year



### **Sustained innovation momentum**



- Nanostructured acrylic glass Altuglas Shield-up<sup>®</sup>, light and resistant to replace glass in car sun-roof
- Nano filtration membranes for water treatment and PVDF membrane for lithium-ion batteries



## Outlook



### **2012 priorities**

#### **Benefits from acquisitions**

- FY contribution of Specialty Resins
- Development of Seppic alcoxylates
- Integration of Hipro and Casda Biomaterials (China)

#### Finalize information / consultation process in France and close project to divest Vinyls\*

#### Continue strong pace of development in Asia

- FY contribution of units started in 2011 (Kynar<sup>®</sup>, Coatex)
- 4 start-ups expected in China
- Start construction of Thiochemicals platform in Malaysia



#### Accelerate growth from innovation

- Specialty Polyamides in automotive, oil and gas, sport, etc.
- Fluoropolymers in sustainable development
- Celocor<sup>TM</sup> opaque polymer in partial replacement of TiO<sub>2</sub>

c.



\* Project remains subject to the legal information and consultation process involving the workers councils in the various entities and countries concerned, and to the approval of antitrust authorities

### **2012 assumptions and outlook**

#### Macro-environment: contrasted growth expectations by region

- Perceivable improvement of demand in North America
- Europe to remain globally challenging especially in construction
- Growth to remain well oriented in Asia, notably in China

#### Maintain strong focus on pricing to follow high and volatile raw materials

#### More balanced results between 1H and 2H

- Improvement of demand in 1Q'12 compared to 4Q'11
- Recovery expected to continue during 2Q

#### 1Q'12 should show a real improvement versus 4Q'11 while remaining below a very high 1Q'11

#### Arkema's growth to be driven by:

- Developments in Asia
- Innovation momentum
- Full benefit of recent acquisitions
- Strong position in North America



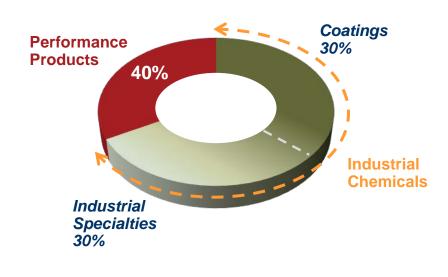
### **Upgrade our long-term targets**

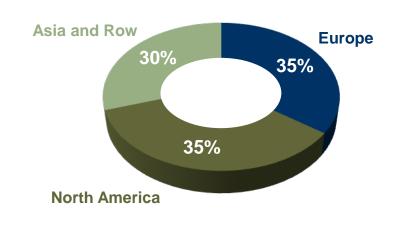


- New 5-year targets\* (2016) set at  $\in$  8 bn sales and  $\in$  1,250 m EBITDA
- Growth coming half from organic developments and half from bolt-on acquisitions
- Gearing maintained at around 40%

2016e sales by business line

Very balanced portfolio





2016e sales by region



\* In a normalized environment

### Conclusion

 Outstanding value creation over the past five years and profitability now at best-in-class levels

- High quality portfolio of specialty chemicals built over years
- Confident for 2012 while remaining cautious about the macro-environment
- Strong pipeline of projects and well positioned to capture future growth
- Arkema upgrades its long term targets\* to €8 bn sales and €1,250 m EBITDA in 2016

### Save the date

Arkema Investor Day - September 18<sup>th</sup>, 2012



\* In a normalized environment



### Arkema

### Nomura Global Chemical Industry Leaders

**Thierry Lemonnier** CFO



**Rome, March 23<sup>rd</sup>, 2012**