## **Investor update**

Ton Büchner and Maëlys Castella July 19, 2016





### Agenda



# Continued volume growth and further profitability improvement

Higher volumes although revenue lower due to adverse currencies

■EBIT up 9 percent at €491 million, reflecting continuous improvement initiatives and lower costs

¬ROS\* and ROI\* improved overall and for all Business Areas

¬Net cash inflow from operating activities up at €453 million

**¬**Further de-risking of pension liabilities



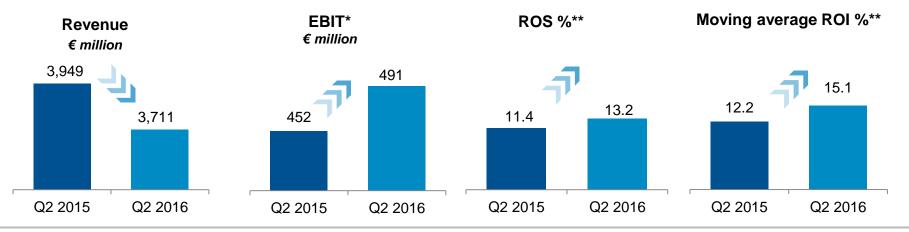
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### **Higher volumes and profitability**

## AkzoNobel

**7** Volumes up 1 percent, driven by Decorative Paints and Performance Coatings

- **7** Revenue down 6 percent, mainly due to adverse currencies
- EBIT\* up 9 percent, reflecting continuous improvement initiatives and lower costs
- ROS\*\* and ROI\*\* improved overall and for all Business Areas
- Net income attributable to shareholders at €312 million (2015: €331 million)
- Adjusted EPS up 2 percent at €1.32



and Moving average ROI (in %) = 12 months EBIT/12 months average invested capital

0

### Agenda



# Buildings and infrastructure

New build projects Maintenance, renovation & repair Building products and components 43% of revenue

of rever

**Transportation** 

Automotive repair Automotive OEM, parts and assembly Marine and air transport

Industrial

**Process industries** 

Natural resource and energy industries

Consumer durables Consumer packaged goods

onsimer

All percentages based on 2015 revenue

17%

22%

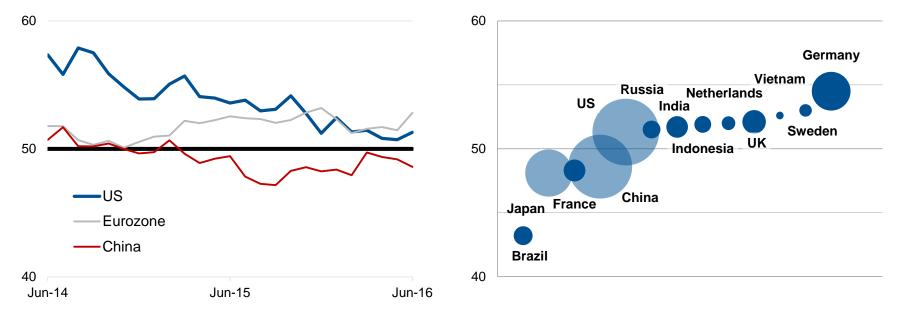
of revenu

of revenue

# Q2 shows some recovery in Europe, but recent events may change this

### AkzoNobel

Purchase Managers' Index (PMI)\* Figures below 50 indicate pessimism



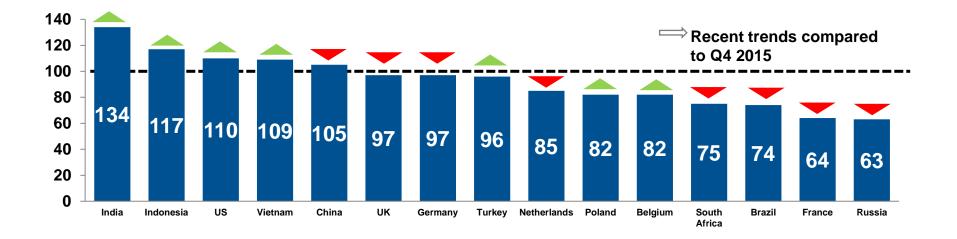
Purchase Managers' Index (PMI)\* June 2016

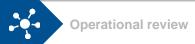
\*Bubble size=manufacturing output, 2016e (US\$bn: 2010 prices) Sources: Oxford Economics, Caixin (China), Markit (incl. US)

# Consumer confidence high in Asia and US, AkzoNobel while lower in Europe and Latin America

#### Consumer confidence, Q1 2016

Figures below 100 indicate some degree of pessimism





### Too early to determine future impact as a result of the recent UK referendum

**UK** presence



AkzoNobel

UK pension liabilities

# Profitability up, reflecting continuous improvement initiatives and lower costs

**Operational review** 

#### € million Δ% Q2 2015 Q2 2016 Revenue 3,949 3,711 (6) Operating income 486 491 1 EBIT (Operating income excluding incidental items) 452 9 491 Ratio, % Q2 2015 Q2 2016 ROS\* 11.4 13.2 Moving average ROI\* 12.2 15.1 Increase Revenue development Q2 2016 vs. Q2 2015 Decrease Total Volume Price/mix Acquisitions/divestments Exchange rates 1 2 0 5 6

\*ROS% = EBIT/revenue. Moving average ROI (in %) = 12 months EBIT/12 months average invested capital

### **Higher volumes although** deflationary pressures continue

Performance Coatings

### AkzoNobel **Performance Coatings** Specialty Chemicals 2% 1% 0% 2015 2016 Quarterly price/mix development in % year-on-year -2% -2% -3%

Specialty Chemicals

#### Quarterly volume development in % year-on-year

1%

-1%

**Decorative Paints** 

**Decorative Paints** 

6

4

2

0

-2

-4

2

0

-2

-4

AkzoNobel

### Decorative Paints Q2 2016: Higher volumes and profitability

Operational review

## **AkzoNobel**

€ million			Q2 2015	Q2 2016	∆%
Revenue			1,134	1,055	(7)
Operating incom	е		128	131	2
EBIT (Operating	income excluding in	cidental items)	128	131	2
Ratio, %			Q2 2015	Q2 2016	
ROS*			11.3	12.4	
Moving average	ROI*		10.4	12.3	
Revenue develop	oment Q2 2016 vs. 0	22 2015			
Volume	Price/mix	Acq/div	Exchange rates	s Total	
1					
	1	0			
			7		
				7	

Volumes were up in Asia, continued to be down in Latin America and were slightly lower in Europe

Revenue down due to unfavorable currency effects

EBIT and operating income up, mainly due to higher volumes and lower costs, partly offset by adverse currency effects

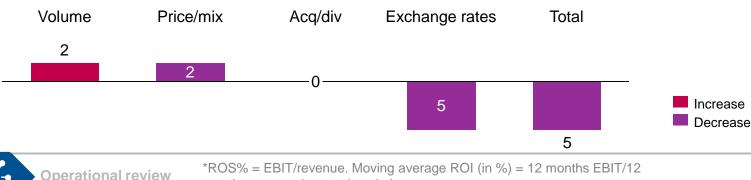
> Increase Decrease

\*ROS% = EBIT/revenue. Moving average ROI (in %) = 12 months EBIT/12 months average invested capital

### Performance Coatings Q2 2016: Volumes increased in all reporting units

€ million	Q2 2015	Q2 2016	∆%
Revenue	1,550	1,473	(5)
Operating income	220	222	1
EBIT (Operating income excluding incidental items)	220	222	1
Ratio, %	Q2 2015	Q2 2016	
ROS*	14.2	15.1	
Moving average return ROI*	23.9	31.0	

#### Revenue development Q2 2016 vs. Q2 2015



Volumes were up with positive developments in all reporting units

AkzoNobel

- Revenue down due to adverse currencies
- EBIT and operating income up due to higher volumes, continuous improvement initiatives and lower costs

months average invested capital

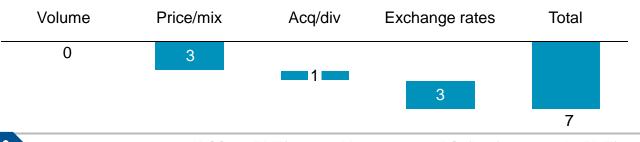
### Specialty Chemicals Q2 2016: EBIT up 10 percent while volumes flat

## AkzoNobel

€ million	Q2 2015	Q2 2016	∆%
Revenue	1,290	1,206	(7)
Operating income	192	179	(7)
EBIT (Operating income excluding incidental items)	162	179	10
Ratio, %	Q2 2015	Q2 2016	
ROS*	12.6	14.8	
Moving average ROI*	16.1	17.1	

#### Revenue development Q2 2016 vs. Q2 2015

Operational review



 Volumes were flat with positive developments in some segments offset by lower demand in oil related segments

Revenue down mainly due to adverse currency effects, divestments and price deflation in several segments

■ EBIT up due to operational efficiencies. The divestment of Paper Chemicals resulted in €30 million profit in operating income (Q2 2015)

Increase

Decrease

\*ROS% = EBIT/revenue. Moving average ROI (in %) = 12 months EBIT/12

### Agenda



## Strong financial performance in Q2 2016 AkzoNobel

Operational improvement	Cash discipline	Shareholder returns
T EBIT up 9%	Net cash inflow from operating activities higher at €453 million	Adjusted EPS up 2 percent at €1.32
<ul> <li>Operating income up 1%</li> <li>ROS* improved to 13.2%</li> </ul>	CAPEX at €151 million (4.1% revenue)	Net income attributable to shareholders €312 million
ROI* improved to 15.1%	OWC lower at 12.6% revenue	(2015: €331 million, which included positive incidental
	Net financing expenses decreased €5 million	items)

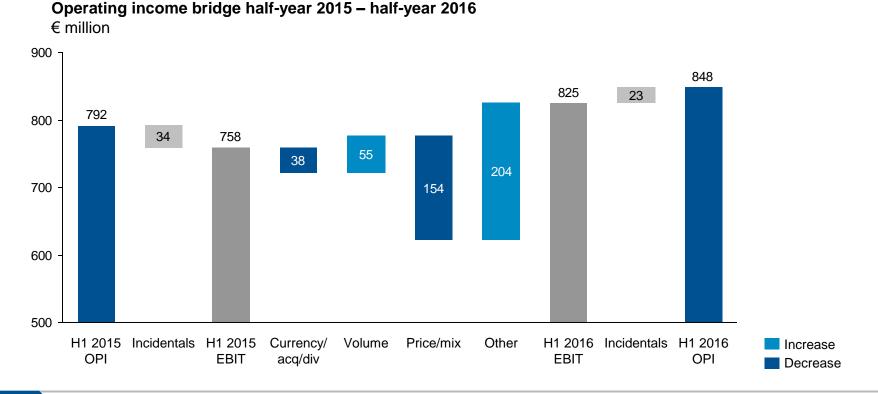
### **Profitability improved for the <u>half-year</u>**

## **AkzoNobel**

€ million	H1 2015	H1 2016	∆%
Revenue	7,540	7,141	(5)
Operating income	792	848	7
EBIT (Operating income excluding incidental items)	758	825	9
Ratio, %	H1 2015	H1 2016	
ROS*	10.1	11.6	
Moving average ROI*	12.2	15.1	

**Financial review** 

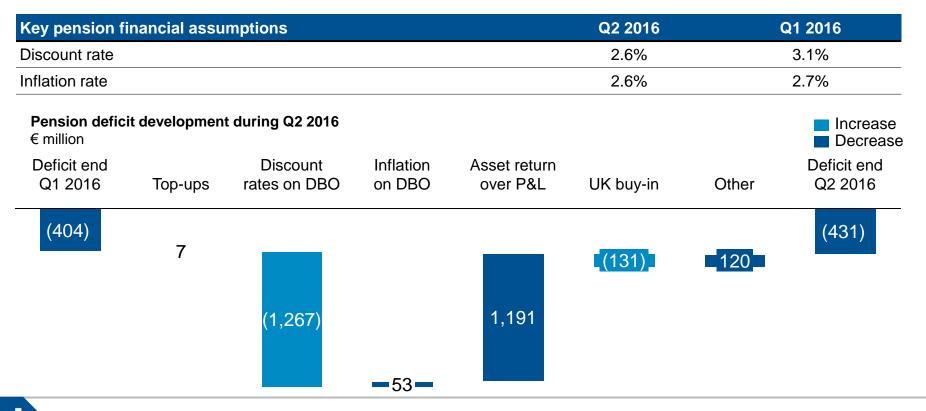
### EBIT was up 9 percent for the half-year



### Free cash flow up 20 percent due to AkzoNobel higher EBITDA and continued cash discipline

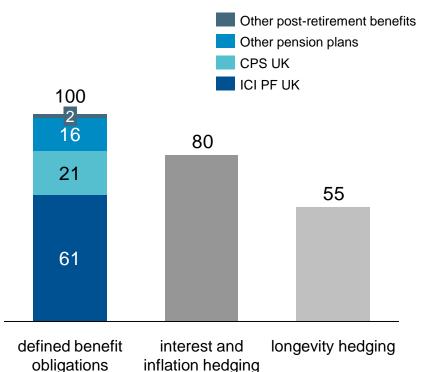
€ million	Q2 2015	Q2 2016	∆%
EBITDA	610	642	5
Interest paid	-18	-16	
Tax paid	-63	-74	
Changes in working capital, provision* and other	-112	-92	(18)
Capital expenditures (including intangible assets)	-156	-153	
Free cash flow, excluding pension top-up payments	261	307	18
Pension top-up payments	-10	-6	
Free cash flow (from operations)	251	301	20

# IAS19 pension deficit remains at €0.4 billion



# Further de-risking of pension liabilities including £1.7 billion non-cash buy-ins\*

- Various activities to reduce liabilities
- £7.3 billion insurance buy-ins for UK schemes (2014-16). \$0.7 billion buy-out relate to a US scheme (2013)
- Active management of interest rate and inflation exposure, with around 80% of overall defined benefit obligation risks hedged
- Approximately 55% of longevity risk is covered by insurance contracts and hedging



### Agenda



### **Key Business Developments**

Summary



### Continued volume growth and further profitability improvement

- **7** Volumes up 1 percent, driven by Decorative Paints and Performance Coatings
- **7** Revenue down 6 percent, mostly due to adverse currencies
- **T** EBIT up 9 percent, reflecting continuous improvement initiatives and lower costs
- ROS\* and ROI\* improved and for all Business Areas
- Adjusted EPS up 2 percent at €1.32
- Net cash inflow from operating activities up at €453 million
- **7** Further de-risking of pension liabilities

### Outlook

The market environment remains uncertain with challenging conditions in several countries and segments. Deflationary pressures and currency headwinds are expected to continue



### **Upcoming events**

## **AkzoNobel**

Q3 2016 Results Full-year and Q4 2016 Results Q1 2017 Results Annual General Meeting Q2 2017 Results Q3 2017 Results October 19, 2016 February 15, 2017 April 24, 2017 April 25, 2017 July 25, 2017 October 17, 2017



### Agenda





### **Safe Harbor Statement**

This presentation contains statements which address such key issues as AkzoNobel's growth strategy, future financial results, market positions, product development, products in the pipeline, and product approvals. Such statements should be carefully considered, and it should be understood that many factors could cause forecasted and actual results to differ from these statements. These factors include, but are not limited to, price fluctuations, currency fluctuations, developments in raw material and personnel costs, pensions, physical and environmental risks, legal issues, and legislative, fiscal, and other regulatory measures. Stated competitive positions are based on management estimates supported by information provided by specialized external agencies. For a more comprehensive discussion of the risk factors affecting our business please see our latest Annual Report, a copy of which can be found on the company's corporate website <u>www.akzonobel.com</u>.

## Appendix

### Global paints, coatings and specialty chemicals company

- **¬** €14.9 billion revenue (2015)
- **¬** €2.1 billion EBITDA (2015)
- 80+ countries

ppendix

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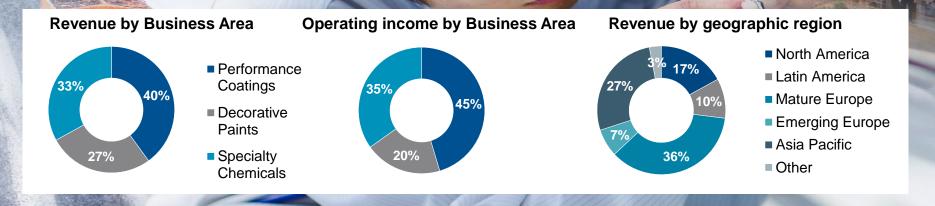
- **4**5,600 employees (2015)
- Leadership positions in many markets

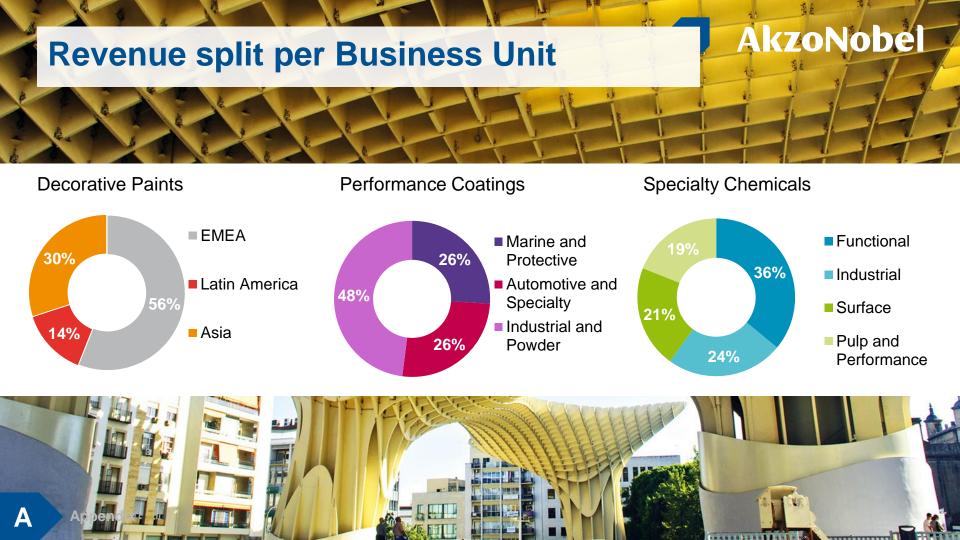


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AkzoNo

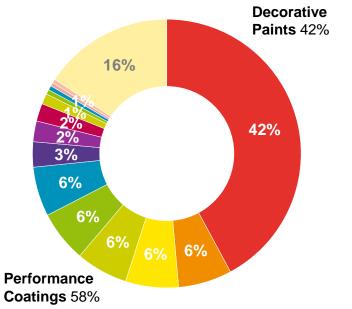






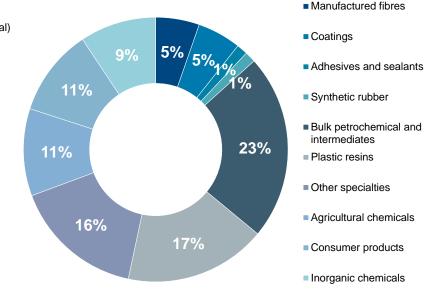
### **Present in large and attractive markets**

Global paints and coatings by market sector ~€100 billion, 2012 – 2015



- DecorativeAutomotive OEM (metal)
- Wood finishes
- Vehicle refinish
- Protective coatings
- Powder coatings
- Coil coatings
- Marine
- Packaging coatings
- Auto plastics exterior
- Wireless/IT plastics
- Auto plastics interior
- Aerospace
- Yacht
- GI/Others





Source: Global paints and coatings by market, Orr & Boss; Global chemical shipments by segment 2014, excluding pharmaceuticals, American Chemistry Council

Appendix

# Strategy delivering results and building foundation for continuous improvement

Transformation | New operating models for all Business Areas

#### Realignment of the functions

- Operational optimization; reduction in:
  - Factory footprint
  - Enterprise Resource Planning systems
  - SKUs
- Portfolio optimization with selected divestments
- Proactive management of pension liabilities
- Continued focus on sustainability; #1 in Dow Jones Sustainability Index\*
- Core principles and values | Human Cities

#### Appendix

Core principles and value

**Achievements** 

Customer end-user segments

 $\bigcirc$ 

Vision: Leading market

positions delivering leading

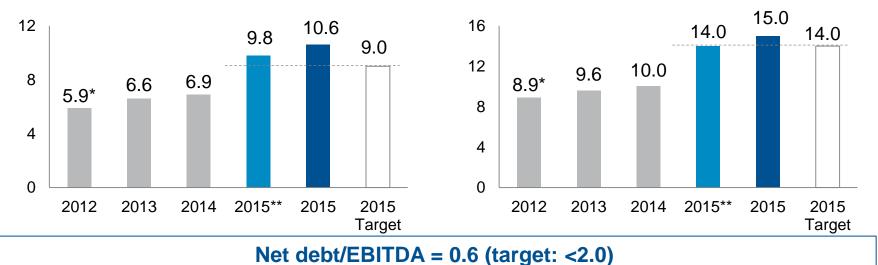
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performance



## We delivered all 2015 financial targets

Return on sales % (Operating income/revenue) Return on investment % (Operating income/average 12 months invested capital)



### **Exceeded 2015 targets**

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### Core principles and values in place; Incentives aligned with strategy

## AkzoNobel

Core	Customer Focus	We build successful partnerships with our customers
principles:	Deliver on Commitments	We do what we say we will do
Safety Integrity Sustainability	Passion for Excellence	We strive to be the best in everything we do, every day
	Winning Together	We develop, share and use our personal strengths to win as a team

STI Element	Metric
20%	Return on investment
20%	Operating income
30%	Operating cash flow
30%	Personal targets – partly related to strategic targets

LTI Element	Metric
35%	Return on investment
35%	Total Shareholder Return
30%	Sustainability / RobecoSAM - DJSI

Α

### **Transformation in all Business Areas**



### **Decorative Paints**

- New operating model in Europe
- Leverage scale of back office functions



### **Performance Coatings**

- Footprint optimization resulted in closure of 17 sites
- New organization structure;

customer-centric Strategic Market Units and clearer accountability

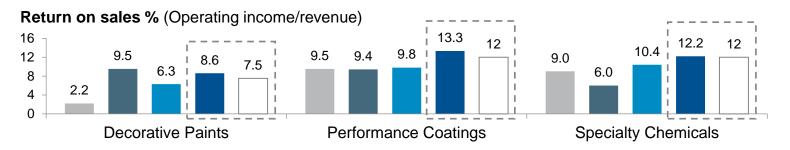


### **Specialty Chemicals**

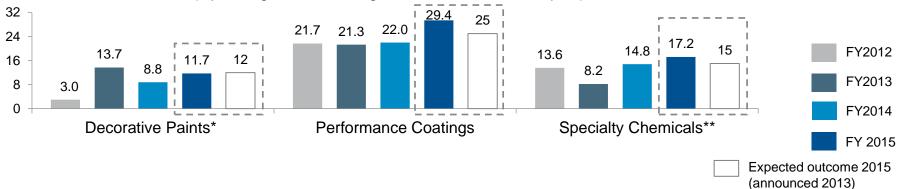
- Organization aligned with strategy focused on five main chemical platforms
- Portfolio pruning, including divestment of Paper Chemicals

### **AkzoNobel**

### **Performance improved in all businesses**



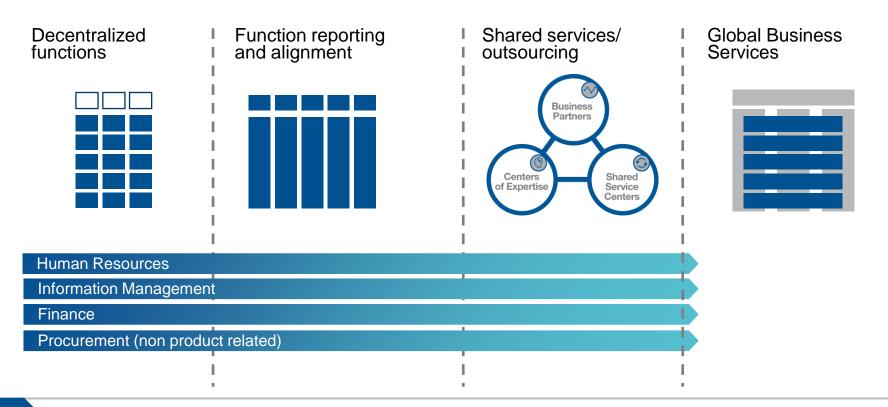
#### Return on investment % (Operating income/average 12 months invested capital)



\* Adjusted for 2012 impairment charge (€2.1 billion); includes sale of Building Adhesives in 2013 (€198 million)

# Support functions are progressing towards the future operating model

## AkzoNobel



Appendix

### Sustainability is business; business is sustainability

## AkzoNobel

of revenue by 2020 from products that are more sustainable for our customers than the products of our competitors

# 25-30%

more efficient resource and energy use across the entire value chain by 2020 (measured by carbon footprint reduction)



# REI

(Resource Efficiency Index)

A new indicator measuring how efficiently we generate value (expressed as gross margin divided by cradle-to-grave carbon footprint)

#1 ranking on the Dow Jones Sustainability Index, in the Materials Industry group, for the fourth consecutive year

# Strategy will be maintained and move towards the next phase

### **AkzoNobel**

Historical issues	Building the foundation	External environment	Continuous improvement
Return on sales below peers Not earning our cost of capital	Vision and strategy: Organic growth	Limited economic recovery	Organic growth
Inadequate free cash flow Operating expenses too high Not leveraging scale	<ul> <li>Operational excellence</li> <li>Sustainability</li> <li>2015 targets:</li> <li>ROS 9%; ROI 14%</li> </ul>	Slowing emerging markets	Vision: Leading market positions delivering leading performance
	Aligned remuneration		

Core principles and values

Investor update 40

Customer

Strategic

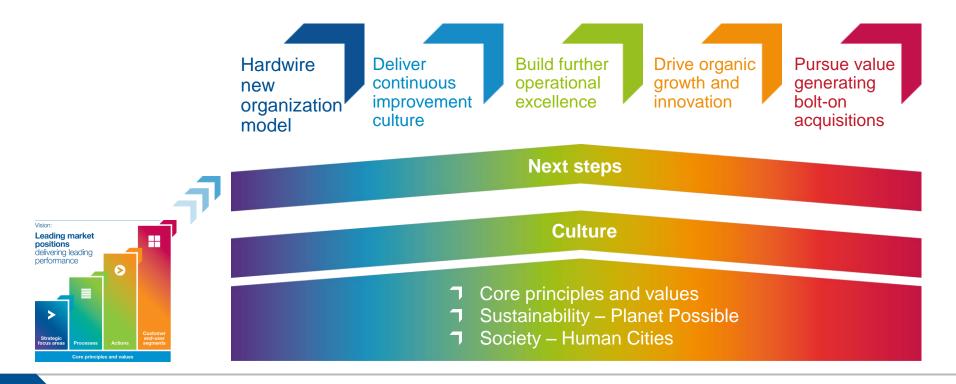
focus areas

Processes

Core principles and values

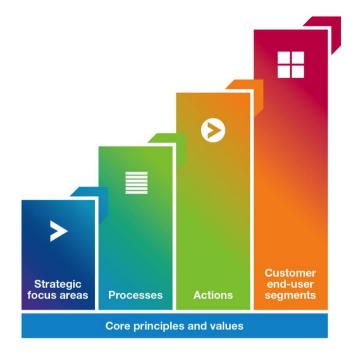
# Focus will shift towards continuous improvement and organic growth

### AkzoNobel



### **AkzoNobel**

### Vision confirmed; financial guidance 2016-2018



Vision: Leading market positions delivering leading performance

Guidance 2016-2018:

- Return on sales: 9-11%
- Return on investment:

9-11% 13-16.5%

Clear aim to build on the foundation we have created and grow in line or faster than our relevant market segments

Key assumptions: Currencies versus €: \$1.1, £0.71, ¥7.1 Oil price ~\$60/bbl; no significant market disruption

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### Visions confirmed; performance ranges 2016-2018

**Specialty Chemicals** 

#### Vision:

Delivering leading performance

based on sustainable chemical platforms

driving profitable growth in selected markets

**Performance Coatings** 

#### Vision:

Leading market positions delivering leading performance

# AkzoNobel

**Decorative Paints** 

#### Vision:

The leading global Decorative Paints company

in size and performance

### Performance range 2016-2018:

- **Return on sales:** 11.5-13%
- **Return on investment:** >16%
- Performance range 2016-2018:
- **Return on sales:** 12-14%
- Return on investment >25%

### Performance range 2016-2018:

- **Return on sales:** 8-10%
- Return on investment: >11.5%
- Clear aim to build on the foundation we have created and grow in line or faster than our relevant market segments

Appendix

# AkzoNobel

## A strong case for investment

- Portfolio of businesses with leadership positions in many markets
- Strong global brands in both consumer and industrial markets
- Long-term growth potential from end-user segments
- Balanced exposure across geographic regions
- Track record of improving returns and cash flow
- History of successfully commercializing innovation
- **Clear leader in sustainability**
- Commitment to Human Cities



### A global player with leading market positions

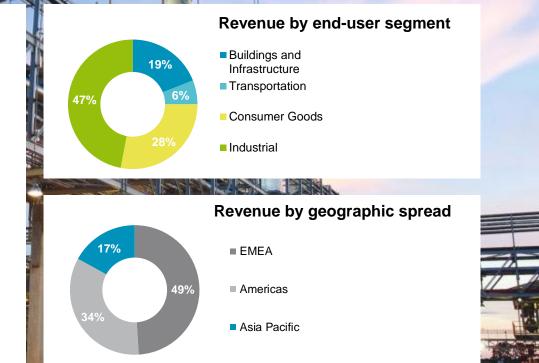
### AkzoNobel

#### Specialty Chemicals key figures

€ million	2015
Revenue	4,988
EBITDA	898
Operating income	609
Return on sales	12.2%
Return on investment	17.2%
Employees	9,100

#### Key capabilities

- Understanding customer needs
- Management of integrated value chains
- Continuous technological advancement
- **T** Engineering and project management



45

### Resilient portfolio organized in five strong chemical platforms

### **AkzoNobel**

Our main chemical platforms	Our products	Our business units
Bleaching chemicals	<ul> <li>Sodium chlorate</li> <li>Hydrogen peroxide</li> </ul>	Pulp and Performance Chemicals
Salt-chlorine chain	<ul> <li>Energy/Salt</li> <li>Caustic/Chlorine</li> <li>Chloromethanes</li> </ul>	Industrial Chemicals
Polymer chemistry	<ul> <li>Organic peroxides – Polymer additives</li> <li>Metal alkyls</li> </ul>	Polymer Chemistry
Ethylene oxide network	<ul> <li>Ethylene oxide</li> <li>Ethylene amines</li> <li>Chelates/Micronutrient</li> </ul>	Ethylene and Sulfur S Derivatives
Surfactants	<ul> <li>Ethoxylates</li> <li>Natural oil and fat-based nitrogen surfactants</li> </ul>	Surface Chemistry

A

# We continue with pursuing differentiated strategies

### **AkzoNobel**

Outgrow the market organically ~50% of portfolio

#### **Actions**

 Capitalize on investments
 Successfully commercialize products for attractive applications
 Invest when attractive growth opportunities arise

Growth range 2012-2015 0 to 15% per year Average +3%

Improve performance by driving operational excellence ~50% of portfolio

#### **Actions**

- Reduce costs and further improve productivity in operations
- Improve raw material (cost) position
- Leverage existing production capacity

**Growth range** 2012-2015 -10 to +5% Average -3%

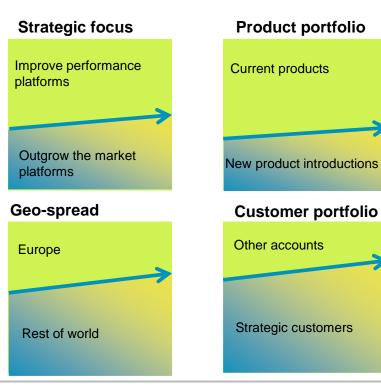
### **AkzoNobel**

### **Quality of business improved**

### **Revenue** 2003-2015

Operating income € million, 2013-2014





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# Continued market growth expected over the next few years

### **AkzoNobel**

Leading positions Platform Market size\* Market growth\*\* Revenue breakdown by position € billion, 2014 % p.a., 2015-2018 % of revenue, 2014 Bleaching <1.5% chemicals Salt-chlorine <1.5% chain Polymer >3% chemistry Ethylene Global leadership 1.5-3% oxide network Regional or segment leadership Surfactants 1.5-3% Other

Appendix

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\* Sum of sectors relevant to AkzoNobel

\*\*Related to AkzoNobel portfolio

Source: AkzoNobel internal analysis

We have the right strategy in place			AkzoNobel
Strategic focus areas	Processes	Action Business Area Actions Drive functional excellence Supply chain and operations Commercial excellence Talent management Reduce organizational complexity Strengthen product and process innovation Capitalize on industry changes Build on our strong chemical platforms to deliver profitable growth in selected markets	End-user segments

### **Process and product innovation enables growth across all businesses**

#### Dedicated RD&I resources in world class laboratories around the globe

- >500 highly qualified FTE's
- ~€100m per annum; ~2% of sales
- More than 5,000 patents
- Overarching technology programs
  - Bio-based chemicals, Process technology, Shared applications
- Co-operations with customers, suppliers, and academia
- High sustainability content, in line with our Planet Possible strategy

#### End-user requirements/trends



**Resource preservation** 



**AkzoNobel** 

Increasing end-use demands



Accelerated technology development



Changing demographics and spending patterns

### **Regional opportunities** enable additional growth

## **AkzoNobel**

North America	Europe	Middle East	China
Shale gas, increased investments in petrochemicals and plastics	High valued add specialties	Moving down the value chain. Expanding petrochemicals and plastics customers	Urbanization, growing middle Improved safety and environn controls
Growth products: Polymer Chemistry, Surfactants	Growth products: Surfactants, Chelates, Performance Additives, Expancel, Colloidal Silica	Growth products: Polymer Chemistry, Ethylene derivatives	Growth products: Polymer Ch Ethylene Amines, Chelates an Micronutrients
Latin America	Africa	India	South East Asia
Increased pulp production. Growing consumer markets	Improved agriculture. Growing demand for housing	Specialty chemicals growth (pharmaceutical and agriculture raw materials) Growth middle class	Increased pulp production. G consumer markets
Growth products: Surfactants	Growth products: Surfactants		Growth products: Bleaching o

Growth products: Surfactants, bleaching chemicals

Growth products: Surfactants, Micronutrients, Performance Additives

Growth products: Ethylene amines, MCA, Surfactants, Polymer Chemistry le class. nmental

Chemistry and

Growing

Growth products: Bleaching chemicals, Surfactants, Polymer Chemistry

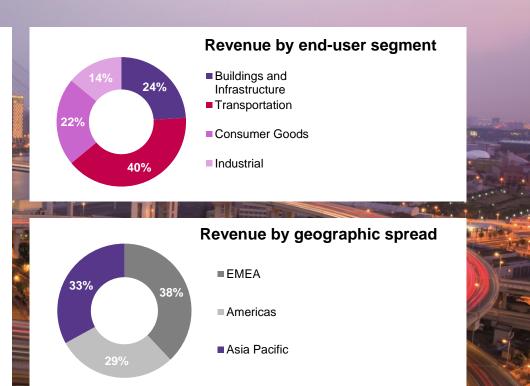
### Performance Coatings at a glance

#### Performance Coatings key figures

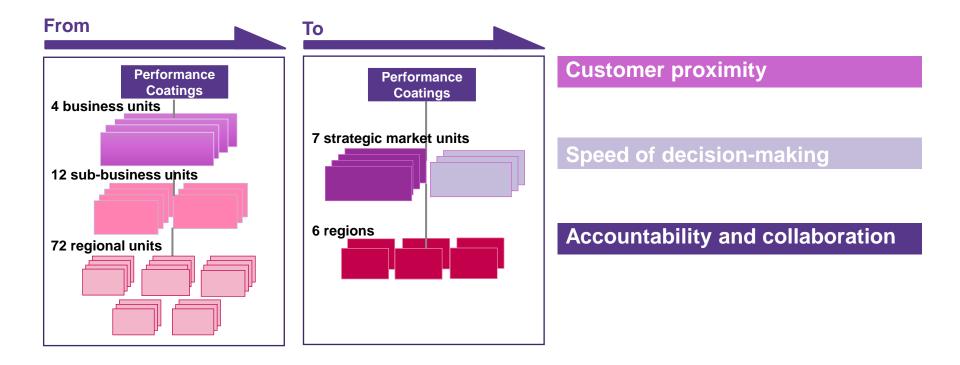
€ million	2015
Revenue	5,955
EBITDA	938
Operating income	792
Return on sales	13.3%
Return on investment	29.4%
Employees	19,300

#### Key capabilities

- Industrial key account management
- Technical support and service
- Design, color and color matching
- **T** Continuous innovation in functionality and ease-of-use
- **Sustainable**, safe solutions



# New simplified organization drives AkzoNobel operational excellence and organic growth



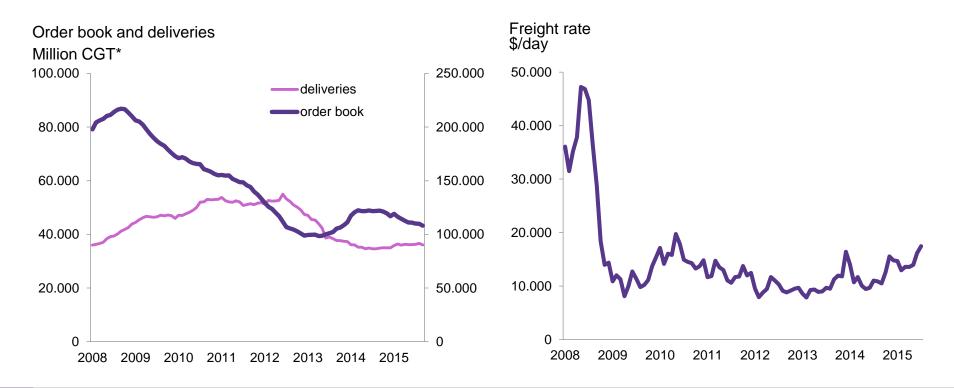
# Challenging market conditions in emerging economies and oil and gas

- Weakening trend of global manufacturing continues
- Limited evidence of upturn in European construction
- China growth moderating; residential and commercial construction activity down
- Oil and gas industry capital spending decline
- Marine new build order book contracting



### **AkzoNobel**

### Marine order book has not recovered



# We have leading positions in the markets we serve

#### AkzoNobel market share Segment size Segment growth X and position (by value) 2014 € billion, 2014 2016-2018 1 Powder >3% 1 **Specialty Plastics** 1/2 **Aero**space 1 Wood Finishes 2-3% 1 Coil 1 Yacht 2 Packaging <2% 1 Marine 1 **Protective** 3/4 **Vehicle Refinishes** 5 2 3 1 4 6

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Source: Orr & Boss base data for segment sizes,

AkzoNobel internal analysis



# We are outgrowing our markets in targeted areas

# SectorAction examplesPowder Coatings• Full wheel offering including powder primer, liquid color and<br/>powder clearcoatProtective Coatings• Focus on downstream oil and gas and growth outside of oil and gas (Power)Marine Coatings• Continue to invest in fouling control, sustainability innovation and enhanced

Continue to invest in fouling control, sustainability innovation and enhanced services



Appendix





# We are driving overarching performance improvement initiatives

Ambition	Achievements	Focus areas
Reduce external spend	Standardize product range Double/triple source raw materials	Local sourcing of raw materials Focus on indirect material spend
Improve our operations	Manufacturing footprint optimization: Closed 17 factories	Operational excellence program focused on customer satisfaction, reducing costs and increasing yields
Drive commercial excellence	Sales force efficiency Margin management	Sales force effectiveness Common processes and tools Sales force incentives

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# Growth through product, process and service innovation across all businesses

### - Dedicated RD&I resources

- >2,000 highly qualified scientists and technicians
- ~3% of revenues
- Strategic research groups:
  - Sassenheim (NL)
  - Felling (UK)
  - Strongsville (US)
  - Songjiang (China)
  - Bangalore (India)

### Strategic drivers





**Customer benefits** 



Global future trends



### Decorative Paints at a glance

### AkzoNobel

#### Decorative Paints key figures

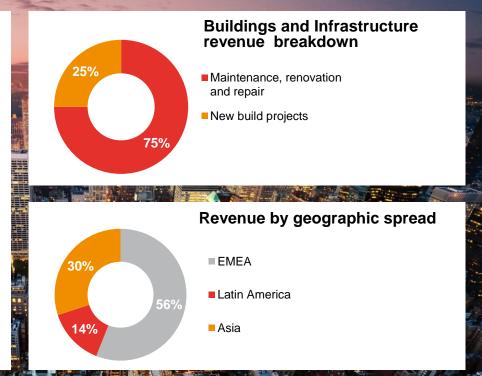
€ million	2015
Revenue	4,007
EBITDA	495
Operating income	345
Return on sales	8.6%
Return on investment	11.7%
Employees	14,900

#### Key capabilities

Branding

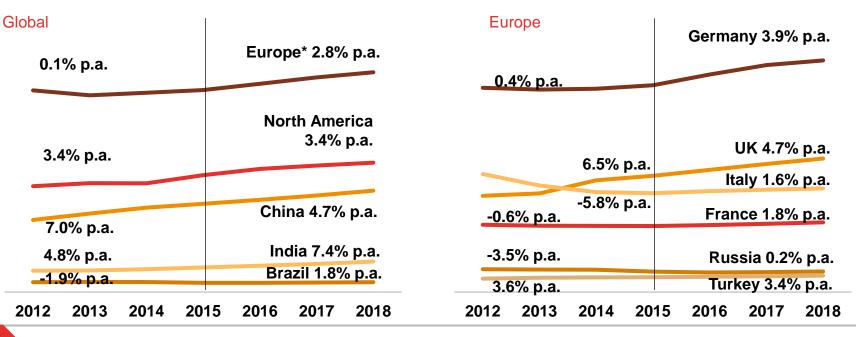
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- Digital
- **7** Distributor, wholesale, retail management
- Understanding and serving professional painters
- **Consumer inspiration**
- Quality management, including portfolio management



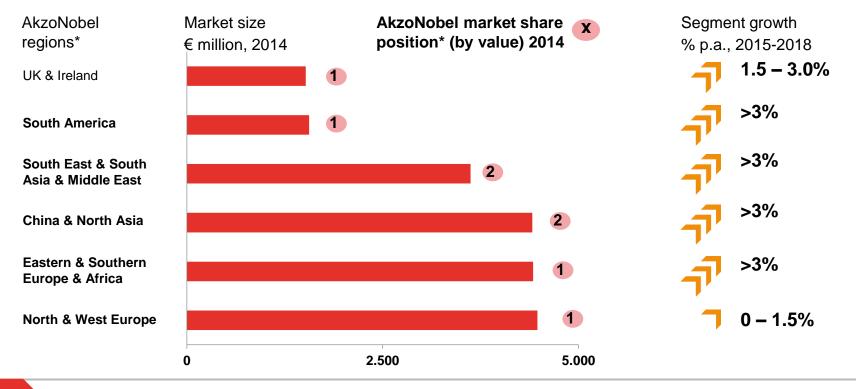
# Changing growth expectations in maintenance, renovation and repair

# Maintenance and repair, excluding infrastructure and industrial construction \$ billion, output



Α

# AkzoNobel has a strong 1 or 2 market position in all regions where present



\* Arranged by market size.

Containing the countries where AkzoNobel is present

AkzoNobel

#### Α

**Appendix** 

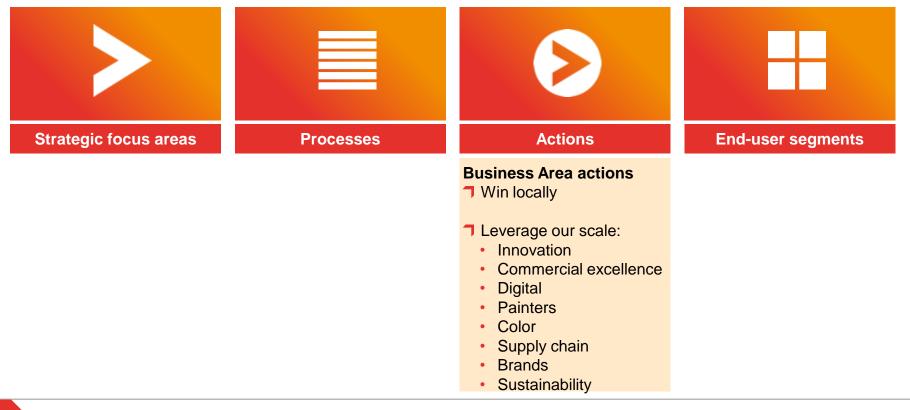
# Unique competitive positioning demonstrating resilient business model

#### **Diversified.** Tikkurila exposure outside AkzoNobel Jotun Nippon mature Valspar geographies **Diversified.** mostly mature PPG Cromology geography Focused, exposure outside Asian Paints mature geographies Focused, Sherwin-Williams mature Masco (Behr) geography 2014 revenues € millions

**Appendix** 

# We have updated our strategic actions to reflect our new priorities

# **AkzoNobel**



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Appendix

### **AkzoNobel**

### Winning locally by leveraging our scale

Innovation	Products and services	Color Nulti-functional approach Recognized as passionate color expert
Commercial excellence	Menu to facilitate winning locally	Supply chain Continued emphasis on procurement (including localization) Continuous improvement
Digital	<ul> <li>Building on our award-winning Visualizer global launch</li> </ul>	Brands Consumer and Professional Link to other AkzoNobel brands and programs
Painters	<ul> <li>Global needs-based research</li> <li>Next steps as appropriate, including digital</li> </ul>	Sustainability



### **Decorative Paints innovation agenda**

### End-user segment requirements/trends

Mass market growth (emerging markets)



Regulatory compliance

Differentiation in large scale outlets (LSOs)

Energy-efficient solutions

Beyond commoditization of color (aesthetics)













### Innovation agenda implication

Lower cost solutions

Waterborne trim and other wood solutions Zero volatile organic compounds (VOC) and zero emissions Customization at point of order or purchase

Coatings that help manage energy use

Highly differentiated color

### Significant focus on sustainability

Appendix

# Transforming Integrated Supply Chain to deliver leading performance

# Our supply chain is fundamental to our success

- Largest function in the company, with close to 22,000 colleagues across our three Business Areas
- Backbone of company, responsible for processes to design, deploy and deliver our products
- We deliver to our customers from over 200 manufacturing sites
- Each Business Area has different supply chain characteristics and customer service model
- We contribute to our long-term sustainability goals by improving energy/material efficiency across the value chain



# The Supply Chain vision and targets support delivering leading performance

### **Strategic imperatives**

- World class safety, operational and customer service performance
- Cost position creates competitive advantage in our industry
- Leveraging size and infrastructure to serve most effectively
- Create sustainable value through standard, best-in-class, work processes
- Building a global performance-based continuous improvement culture
- **T** Taking pride and ownership in delivering leading performance

### **AkzoNobel**

#### World class metrics

Safety TRR Zero process safety incidents

> Service OTIF Lean six sigma quality

Cost productivity Supply Chain cost – % of revenue Procurement effectiveness

> Capital Days Inventory

People Top quartile in engagement

# Leading performance is gaining momentum

1 – 3 years

Internal best performance

#### 3 – 6 years

Industry best performance

Objective:

Objective:

Today

Functional excellence and capability transformation to operate at peak performance

Initiatives (launched 2014):

- New organization model
- ALPS deployment Plan, Source, Make and Deliver

Delivering leading and sustainable performance in functional and operational excellence

Initiatives (launch 2016 onwards):

- Advanced manufacturing excellence
- ALPS continuous improvement
- Commitment-based safety culture

#### Objective:

Delivering world class functional and operational excellence

7+ years

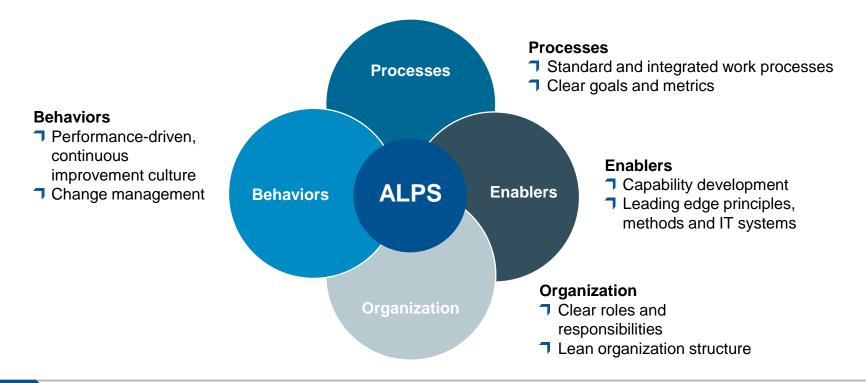
World class

performance

**Initiatives** (launch 2016 onwards):

- World scale integrated production
- World class Supply Chain

#### We are implementing the AkzoNobel Leading Performance System (ALPS)



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#### Robust organization utilizing rigorous process

#### Deliver Design Deploy **Decorative Paints** deploy team Center of **Performance Coatings Excellence** deploy team **Specialty Chemicals** deploy team **5 CI experts** 100+ CI team members 200+ sites worldwide GO LIVE **Maturity audit Governance process Continuous** Foundational **Primary** Embed and Assessment **Boot camp Processes** Processes mature improvement 4 days 12-18 months Process optimization 3 davs 3-6 months 4-13 weeks

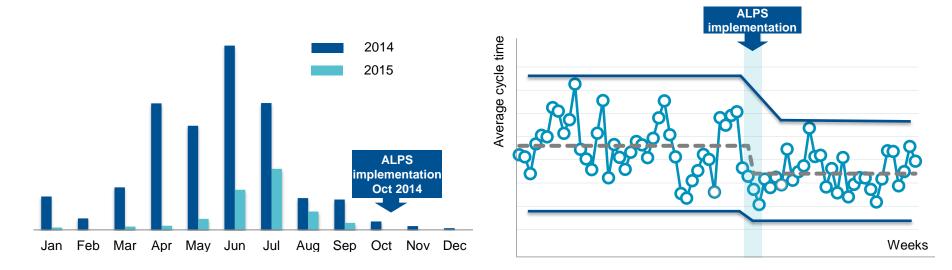
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#### **Decorative Paints: ALPS improvement in productivity**

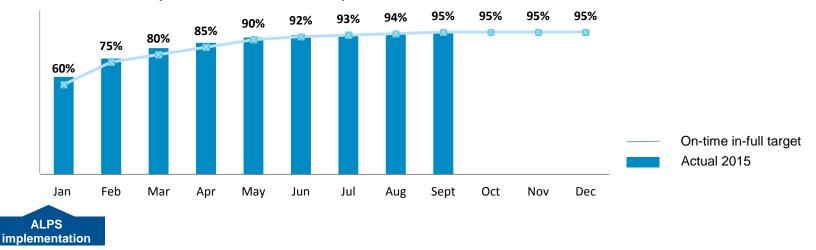
Filling line down-time dropped 79% after ALPS implementation

Batch production time reduced by 11% + less variation

**AkzoNobel** 



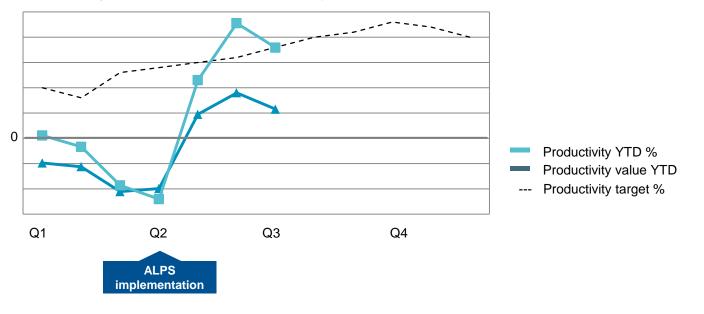
#### Performance Coatings: ALPS improvement in on-time in-full



#### On-time in-full improved 58% after ALPS implementation

#### Specialty Chemicals: ALPS improvement in productivity

Productivity offsets inflation after ALPS implementation



# Building a strong financial foundation to deliver leading performance

#### Sustained leading performance in working capital management

#### OWC as % of LQ revenue \* 4 2.500 16% 14% 2.000 12% 10.7% 10.1% 9.7% 9.9% 10% 1.500 8% 1.418 1.385 1.572 1.384 1.000 6% 4% 500 2% 0 0% 2012 2013 2014 2015

Operating Working Capital € million

**Operating Working Capital** 

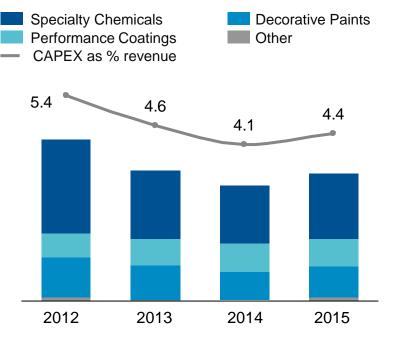
- Strong record of operating working capital management
- Discipline will be maintained and effectiveness improved
- Temporary planned increase to serve customers during footprint optimization
- Seasonal pattern throughout the year to meet peak in customer demand

AkzoNobel

**Appendix** 

#### Disciplined capital expenditure based on ROI and investment in growth

#### Capital expenditures € million



- Build on significant investments made during recent years
- Strong discipline
- Prioritization based on cash generation and return on investment
- **40-50% growth projects**

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## Recent investments support AkzoNobel organic growth and operational excellence



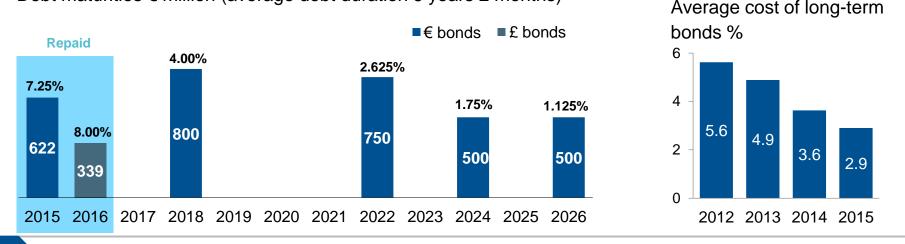
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## Strong financial position provides foundation for growth

#### **AkzoNobel**

- Average cost of long-term bonds reduced and maturity increased
- At March 31, 2016 net debt was €1.7 billion (2015: €2.3 billion)
- In April 2016, repaid £250 million (coupon rate 8%) and issued €500 million (coupon rate 1.125%)

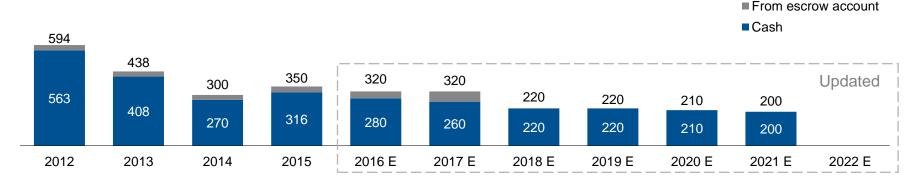
Debt maturities € million (average debt duration 6 years 2 months)



#### Triennial of CPS concluded and top-up schedule updated

- Triennial review of the AkzoNobel (CPS) Pension Scheme completed March 2016
- **7** Payment schedule agree with Trustees, resulting in a lower annual top-up contribution
- ICI Pension Fund de-risking through a non-cash buy-in transaction of €419 million

#### Estimated cash top-ups € million

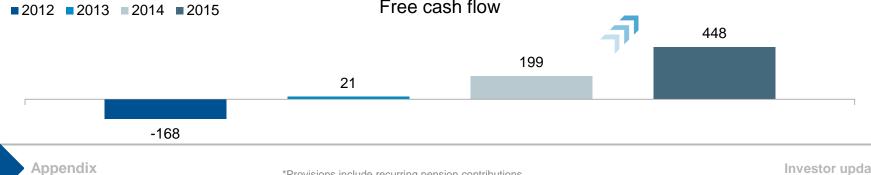


Relate mainly to the two UK plans: ICI Pension Fund and the Courtaulds Pension Scheme

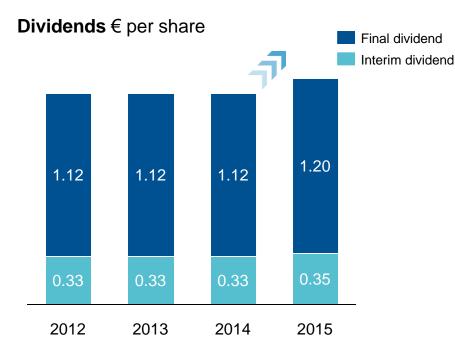
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#### Free cash flow continues to improve

1,597	1,513	1,690	2,088
-231	-228	-206	-151
-209	-230	-258	-261
143	69	-145	-224
-905	-695	-612	-688
395	429	469	764
-563	-408	-270	-316
-168	21	199	448
	-231 -209 143 -905 <b>395</b> -563	-231       -228         -209       -230         143       69         -905       -695         395       429         -563       -408	-231       -228       -206         -209       -230       -258         143       69       -145         -905       -695       -612         395       429       469         -563       -408       -270



## Increase in dividends a clear sign we are more confident about cash flow generation AkzoNobel



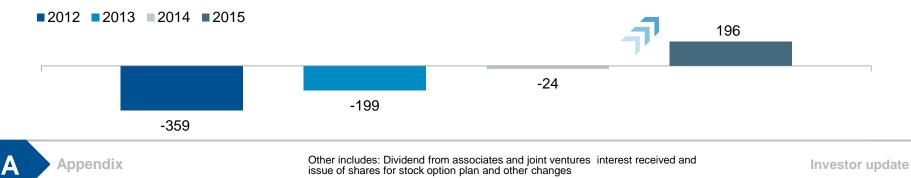
Dividend policy is to pay a "stable to rising" dividend each year

- Interim and final dividend paid in cash, unless shareholders elect to receive a stock dividend (normal uptake 35-40 percent)
- **¬** Interim dividend up 6 percent
- Proposed final dividend €1.20 per share (paid May 19, 2016)
- Total dividend up 7 percent to €1.55 per share

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## Positive net cash generation after paying dividends

	FY2012	FY2013	FY2014	FY2015
€ million				
Free cash flow	-168	21	199	448
Dividend paid	-256	-286	-280	-281
Other	65	66	57	29
Net cash generation (from continued operations) excl. acquisitions and divestments	-359	-199	-24	196
Acquisitions	-145	-34	-13	-9
Divestments	216	347	51	160
Net cash generation (from continued operations)	-288	114	14	347
Cash flow from discontinued operations	-53	675	-88	-6
Net cash generation	-341	789	-74	341



## Cash generation restored to invest in growth and improve shareholder returns

Capital allocation principles:

- 1. Support profitable organic growth through innovation and capital expenditures
- 2. Continue to manage balance sheet and retain BBB+ investment grade credit rating
- 3. Proactively manage pension liabilities to limit risk and reduce uncertainty
- 4. Pay a stable to rising dividend
- 5. Consider strategically aligned and value generating bolt-on acquisitions



### **Planning assumptions**

Market growth 2-3% (based on relevant geographic and market sector presence) Currencies versus €: \$1.1, £0.71, RMB 7.1 Oil ~\$60/bbl; no significant market disruption

Research, development and innovation ~2.5% revenue Tax (ETR/CTR) ~29/24% EBIT

OWC 10-12% revenue Capital Expenditures ~4% revenue WACC 7.5% Dividend policy "stable to rising"



#### **Breakdown of total raw material spend**

Coatings Packaging specialties Titanium 10% 9% dioxide 7% Chemicals and intermediates\* 22% Solvents 9% 24% 15% 4% Resins Additives

Pigments

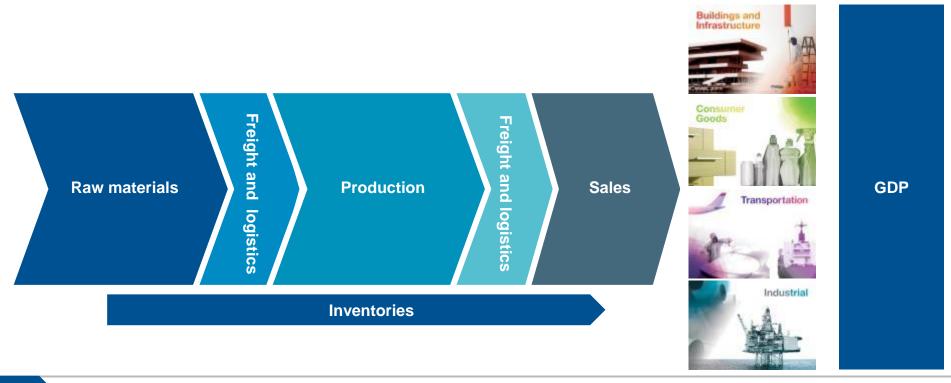
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2015

\* Chemicals and intermediates include caustic soda, acetic acid, tallow, ethylene, ethylene oxide, sulfur, amines etc.

## The net impact of a sustained lower oil **AkzoNobel** price can have a positive impact



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Appendix

#### **Downstream oil related products have clearly different dynamics**

#### **Feedstocks** Base Intermediates and more complex molecules (petro)chemicals More complex Precursors, etc. Solvents Monomers & Latex Crude Oil (Shale) Gas Resins **Bio based** Propylene



**AkzoNobel**