

# Delivering on promises

Financial Highlights Q4 & FY 2016



# Forward-looking statements

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# FY 2016 Key Highlights

## Delivering on promises





Continued dynamic core volume growth (7.5% Y/Y)

Strong adj. EBITDA increase (23% Y/Y) to €2,014m

**Record FOCF of €1,367m (42% Y/Y)** 

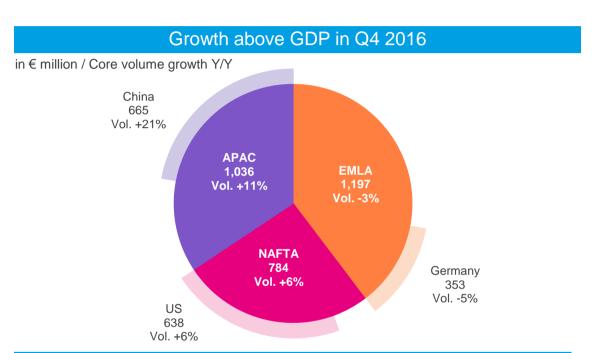
Full delivery on FY 2016 guidance

**Dividend proposal of €1.35** 

# Q4 2016 and FY 2016 – Sales per Region

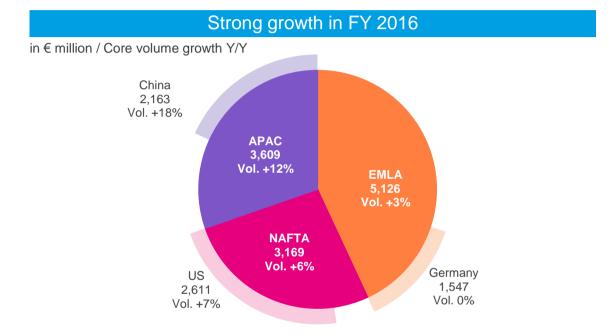
## Strong rebound in China, significant growth in the US







- Solid core volume growth of 4.8% Y/Y despite force majeure
- APAC and China supported by low comparison basis
- Germany and Europe most impacted by force majeure
- US and NAFTA growth well above GDP



## FY 2016 Highlights

- Strong core volume growth of 7.5% Y/Y
- China remains a high growth market with 18% Y/Y
- Significant core volume growth in the US with 7% Y/Y
- Solid growth in EMLA despite drawback in Q4 2016

# 2016 Guidance fully achieved



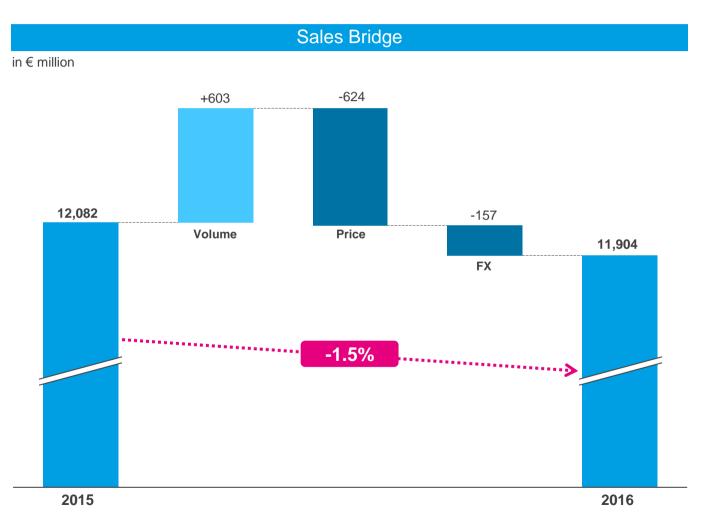
	Initial guidance FY 2016	New guidance FY 2016*	FY 2016	Achievement
Core Volume Growth	Mid-single-digit increase Y/Y	Mid- to high-single-digit increase Y/Y	+7.5%	
FOCF	At a high level, above the average of recent years	Above last year's level (€964m)	€1,367m	
ROCE	Premium on the cost of capital (>6.9%)	Significantly above last year's level (9.5%)	14.2%	

## All financial targets achieved

# FY 2016 – Sales Bridge

## Dynamic volume growth





#### Highlights

#### Dynamic volume development

- Core volume growth (in kt) of 7.5% Y/Y
- Sales volumes (in €) expansion of 5.0% Y/Y
- Core volume growth above sales volume expansion due to declining non-core volumes and product mix effects

# Price decline driven by lower raw material prices

 Lower selling prices negatively impacted sales by 5.2% Y/Y

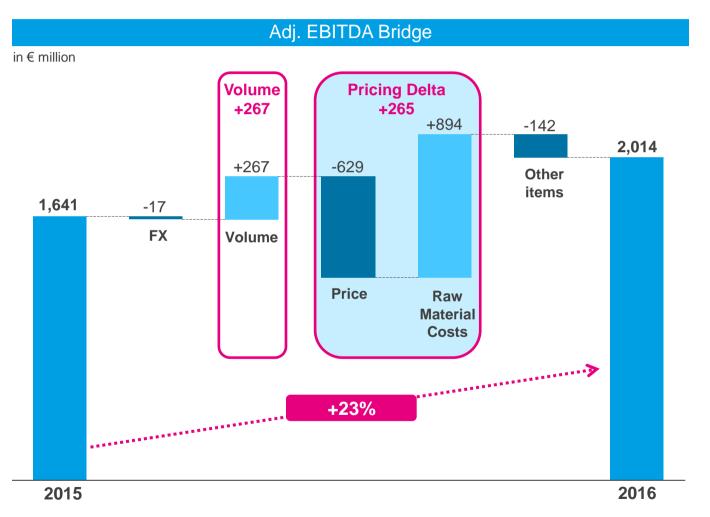
## **Negative FX effects**

 FX effects burdened sales by 1.3% Y/Y mainly due to weaker CNY and MXN

# FY 2016 – Adj. EBITDA Bridge







#### Highlights

### Positive volume leverage

Driven by all segments

#### Improved cash margin

- Positive pricing delta driven by all segments
- Accelerating in Q4 2016

#### **Limited FX effects**

Mainly translational impact

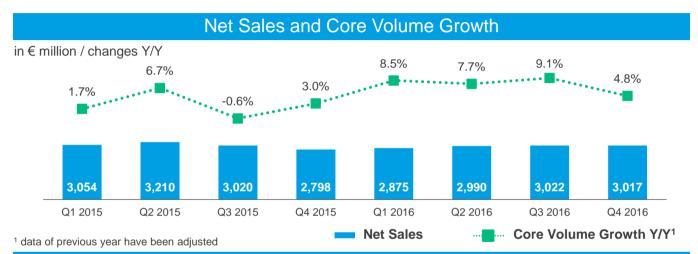
### Other items driven by FM & STI

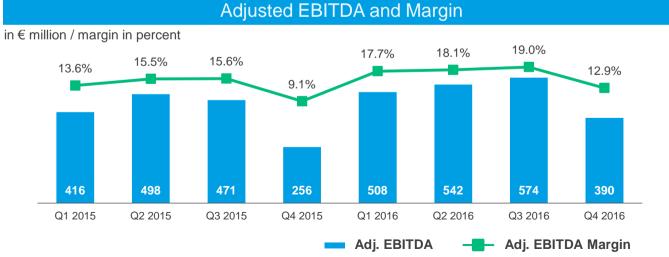
 Higher costs from force majeure (FM) and bonus provisions (STI: short-term incentive)

# Q4 & FY 2016 – Group Results

## Continued margin expansion







#### Highlights

- In 2016, continued strong core volume growth (in kt) of 7.5%
- In Q4, solid core volume growth of 4.8% Y/Y driven by PCS, despite force majeure in PUR
- 2016 sales effects Y/Y: volumes +5.0%, prices
  -5.2%, FX -1.3%

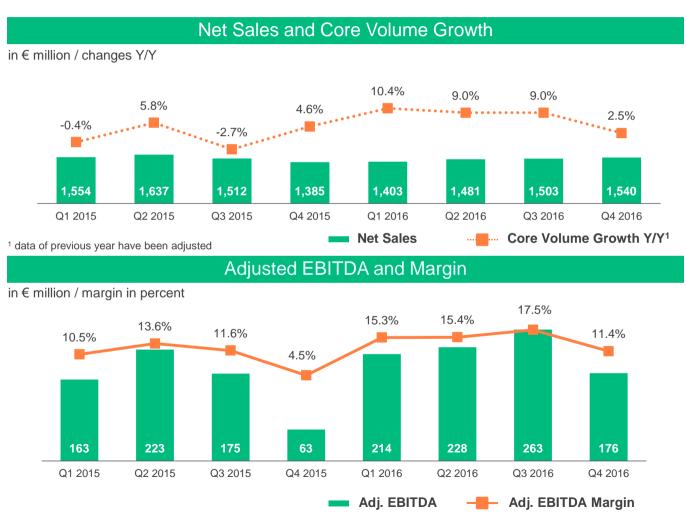
#### Highlights

- In 2016, adj. EBITDA margin improved significantly to 16.9% (vs. 13.6% in 2015)
- Adj. EBITDA increased each quarter Y/Y during 2016: +22% in Q1, +9% in Q2, +22% in Q3 and +52% in Q4
- In Q4, adj. EBITDA margin significantly improved by 3.8pp Y/Y to 12.9%, although impacted by the usual seasonality

# Q4 & FY 2016 – Results of PUR Segment

## Polyurethanes – Solid development





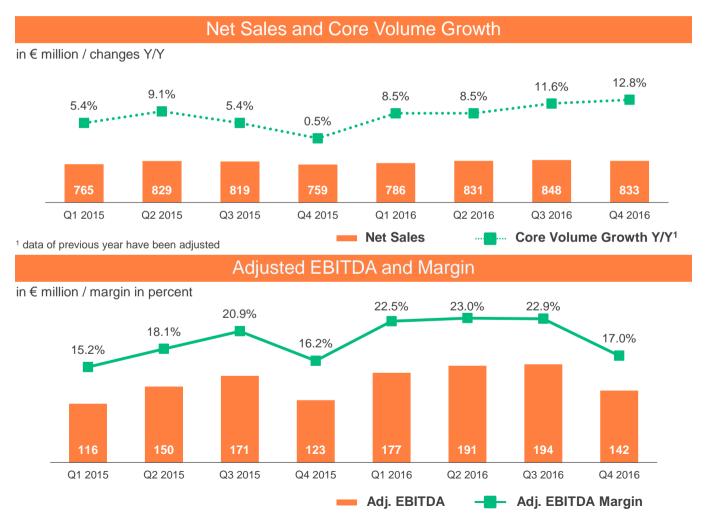
#### Highlights FY 2016

- Strong core volume growth of 7.7% Y/Y, driven by all segments, notably MDI
- Global industry growth accelerated (preliminary estimates: MDI 7-8%; TDI 3-4%; polyols 5-6%), industry utilization significantly increased
- Share gains in MDI & TDI despite European force majeure but constrained growth in polyols
- Adj. EBITDA increased by 41% Y/Y with a margin of 14.9% vs. 10.2% in 2015
- Pricing delta improved during the year, with acceleration in Q4 2016
- Strong volume leverage, especially in the first nine months

# Q4 & FY 2016 – Results of PCS Segment

## Polycarbonates – Steady high margin business





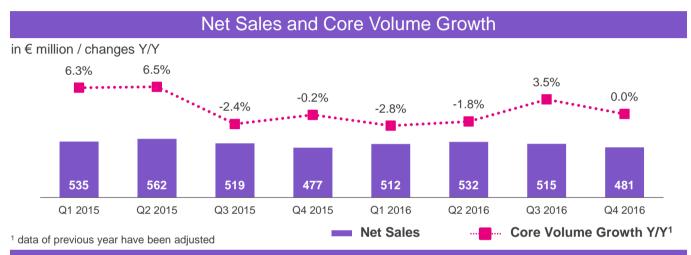
#### Highlights FY 2016

- Core volumes increased double-digit by 10.3%
- Global industry growth accelerated (preliminary estimates 3-4%), industry utilization further improved
- Third consecutive year of significant share gains
- Capacity increase of 200kt to 1,480kt, #1 producer with a capacity share of 29%\*
- Product mix improvements with gains in highend markets vs. reduction in e.g. optical media
- Adj. EBITDA increased by 26% Y/Y with a margin of 21.3% vs. 17.7% in 2015
- Margin increase mainly driven by positive volume leverage despite start-up costs

# Q4 & FY 2016 – Results of CAS Segment

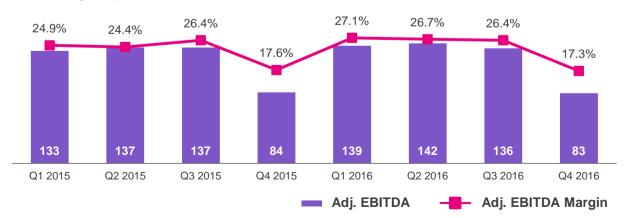
## Coatings, Adhesives, Specialties – Solid results







in € million / margin in percent



#### Highlights FY 2016

- Slightly declined core volumes of -0.3% Y/Y due to phase out of a trading product; adj. core volume growth of 4.5% Y/Y
- Global industry growth below long-term trend of ~4% (based on preliminary estimates) mainly due to weak industrial coatings sectors (e.g. decline in protective coatings for oil & gas)
- Adj. EBITDA increased by 2% Y/Y with a slightly increased margin of 24.5% vs. 23.5% in 2015
- Positive product mix effects counterbalanced missing earnings from trading product

## Income Statement FY 2016

## Profit and loss statement



Key P&L items	2014	2015	2016	2016/2015 Y/Y	Share 2016
In € milion					
Net Sales	11,761	12,082	11,904	-1.5%	100%
Cost of goods sold	(9,609)	(9,438)	(8,611)	-8.8%	72.3%
Gross profit	2,152	2,644	3,293	24.5%	27.7%
% margin	18.3%	21.9%	27.7%	5.8pp	-
Selling expenses	(1,097)	(1,257)	(1,323)	5.3%	11.1%
Research & development expenses	(212)	(257)	(259)	0.8%	2.2%
General & administrative expenses	(343)	(480)	(451)	-6.0%	3.8%
Other operating income / (expense)	17	30	71	137%	0.6%
EBIT	517	680	1,331	95.7%	11.2%
% margin	4.4%	5.6%	11.2%	5.6pp	-
Affiliated companies	(15)	(9)	(20)	122.2%	0.2%
Interest expenses (net)	(74)	(85)	(48)	-43.5%	0.4%
Others	(47)	(81)	(128)	60.0%	1.1%
EBT	381	505	1,135	124.8%	9.5%
Income taxes	(104)	(153)	(329)	115.0%	2.8%
Minorities	(5)	(9)	(11)	22.2%	0.1%
Net income	272	343	795	131.8%	6.7%
% margin	2.3%	2.8%	6.7%	3.9pp	-
Earnings per share (in €)*	1.34	1.69	3.93	131.8%	-

Highlights
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## No special items in 2016

- Y/Y comparison is difficult due to extraordinary costs booked in 2015 (e.g. €197m in cost of goods sold and €131m in G&A expenses)
- Covestro will focus in the future on reported EBITDA and EBIT

## Adj. SG&A increase driven by STI

 Significantly higher bonus provisions due to strong operational performance

## Other operating income & other financials

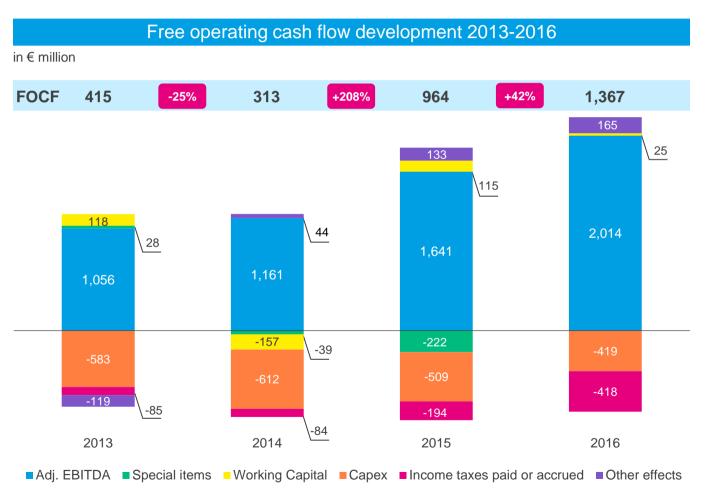
 Benefited from insurance payment of €30m & burdened by financial hedging losses of €30m

## EPS increased by 132% Y/Y

# High EBITDA to FOCF conversion rate

## Record FOCF





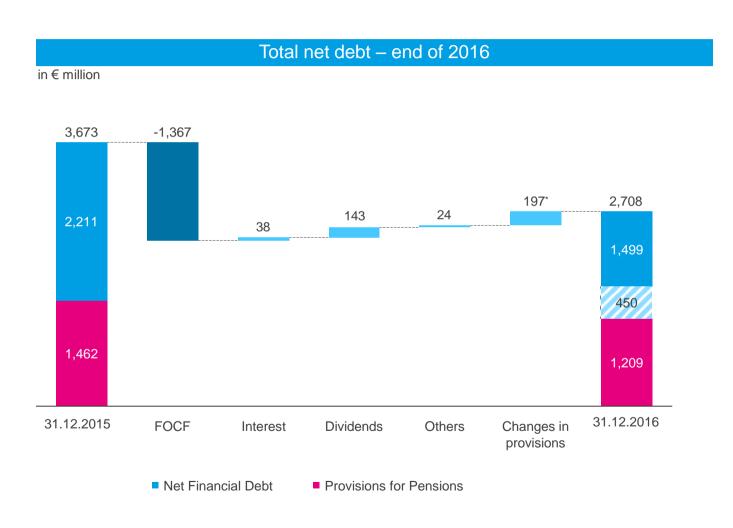
#### Highlights

- The FOCF to EBITDA conversion rate increased to 68% compared to 59% in 2015 due to the absence of cash-out for special items
- Working capital to sales ratio almost unchanged at 15.6% vs. 15.4% in 2015, in the targeted range of 15-17%
- Capex of €419m significantly down Y/Y partly due to delayed invoicing; Capex below D&A of €683m; D&A/sales above long-term average given the young asset base and the conservative life time applied
- High cash-tax rate of 37% vs. effective tax rate of 29% due to prepayments

## 2016 – Total Net Debt

## Total net debt reduced by almost €1bn





#### Highlights

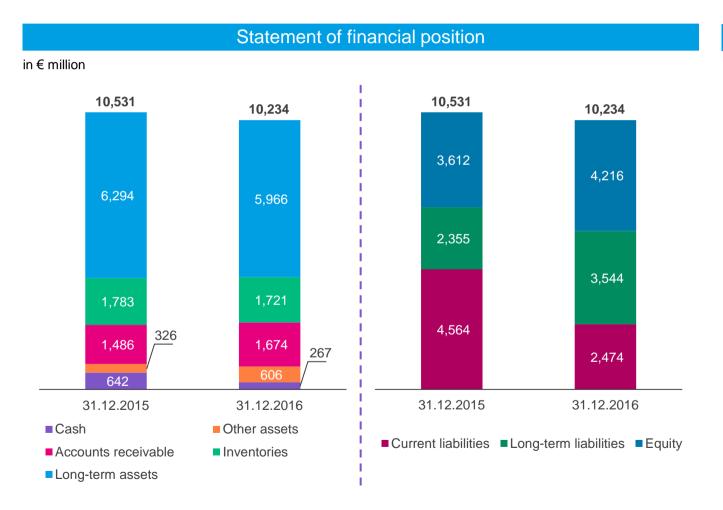
## Net debt target achieved

- Total net debt (net financial debt plus pension provision) to EBITDA ratio of 1.3x end of 2016 vs. 2.2x end of 2015
- Target of 1.5x achieved earlier than previously assumed
- Pension provisions increased before CTA funding by €197m due to lower interest rate of 2.30% vs. 2.85% in 2015
- CTA funding reduced pension provisions by €450m in Q4 2016

## Balance sheet FY 2016

## Strong balance sheet and solid equity ratio





#### Highlights

- Working capital stable Y/Y at €1,859m with WC/Sales ratio of 15.6% vs. 15.4% in 2015
- Total financial liabilities reduced to €1.9bn vs. €2.9bn in 2015
- Long-term debt maturity established with the issuance of three bonds (each €500m maturing 2018, 2021 and 2024)
- Solid equity ratio, increased to 41% vs. 34% in 2015

## Guidance 2017

## Continue to deliver



	FY 2016	Guidance FY 2017*
Core Volume Growth	+7.5%	Low- to mid-single-digit percentage increase Y/Y
FOCF	€1,367m	Slightly above the average of the last three years
ROCE	14.2%	Slightly above the 2016 level
Additional financial expectations	FY 2016	Guidance FY 2017
EBITDA 2017 FY	€2,014m	At or above the 2016 level
EBITDA 2017 Q1	Q1: €508m	Significantly above Q1 2016
D&A	€683m	~€650-700m
Special items in EBITDA	€0m	€0m
Financial results	€-196m	€-170 to -190m
Tax rate	29.0%	≤30%
Capex	€419m	~€550m

#### Basic Assumptions:

- Exchange rate of USD/EUR ~1.10
- Macroeconomic environment similar as in 2016

# 2016 – Summary

Covestro fully on track



despite a challenging market environment

## Solid earnings and cash flow generation

supported by an improving supply/demand balance and a focus on profitability

## Robust financial profile

with an investment grade rating (Baa2 from Moody's)

## **Long-term progressive dividend policy**

with a dividend of €1.35 per share proposed for 2016 as a starting point

#### Solid financial outlook

despite continued limited visibility





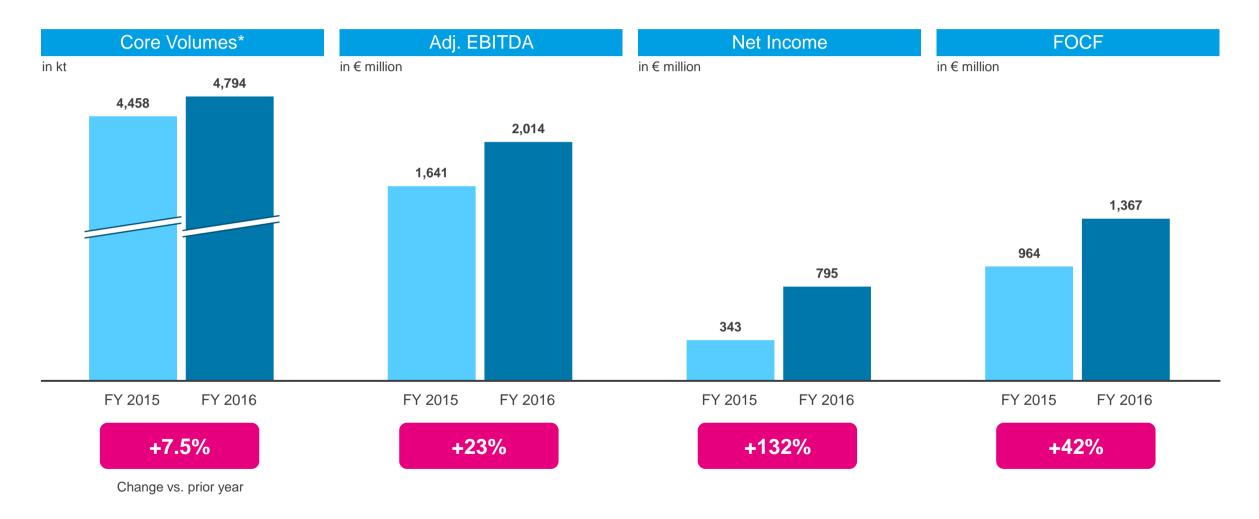
# Appendix

Financial Highlights Q4 & FY 2016

# FY 2016 Sales & Earnings



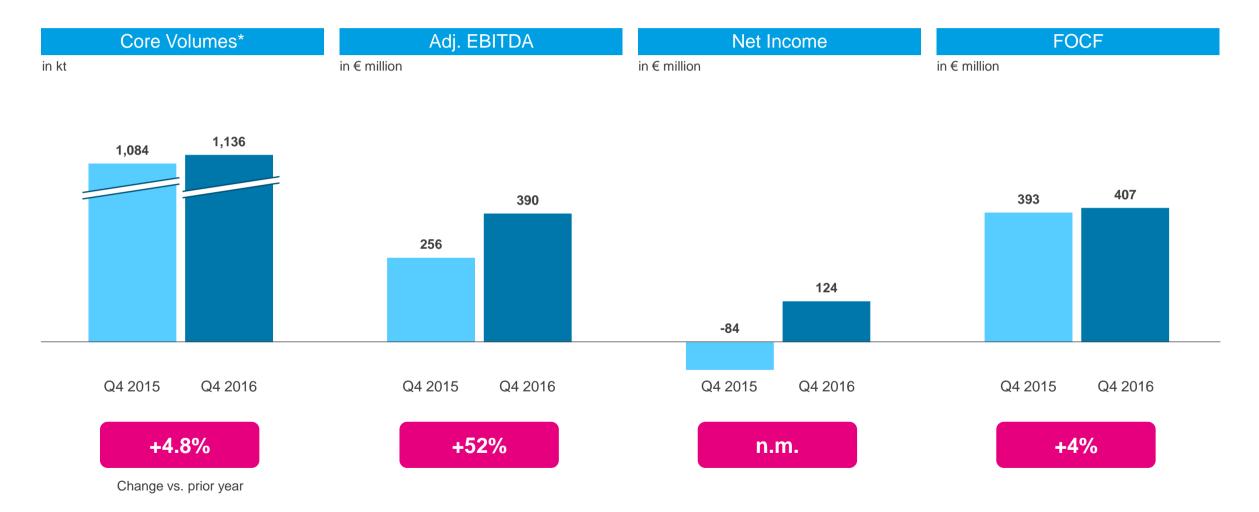
## Strong volume growth with significant earnings and FOCF leverage



# Q4 2016 Sales & Earnings



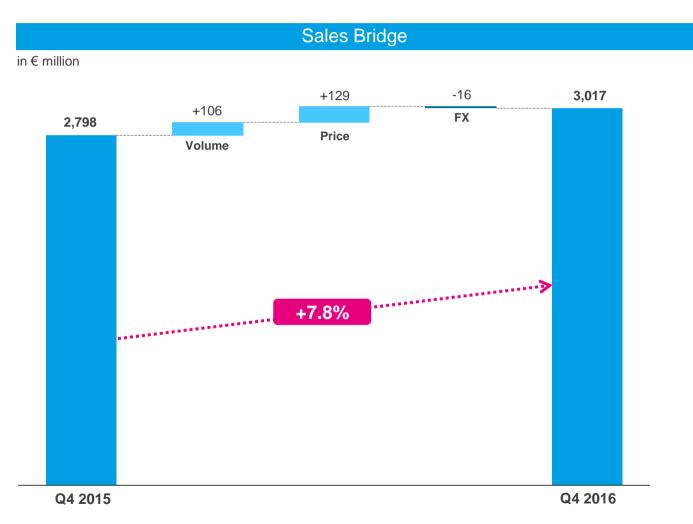
Solid volume growth and FOCF generation despite force majeure



# Q4 2016 – Sales Bridge

## Dynamic volume & back to inflation





#### Highlights

#### Dynamic volume development

- Core volume growth (in kt) of 4.8% Y/Y
- Sales volumes (in €) expansion of 3.8% Y/Y
- Core volume growth above sales volume expansion due to declining non-core volumes and product mix effects

# Price increase driven by tighter industry conditions

 Higher selling prices positively impacted sales by 4.6% Y/Y

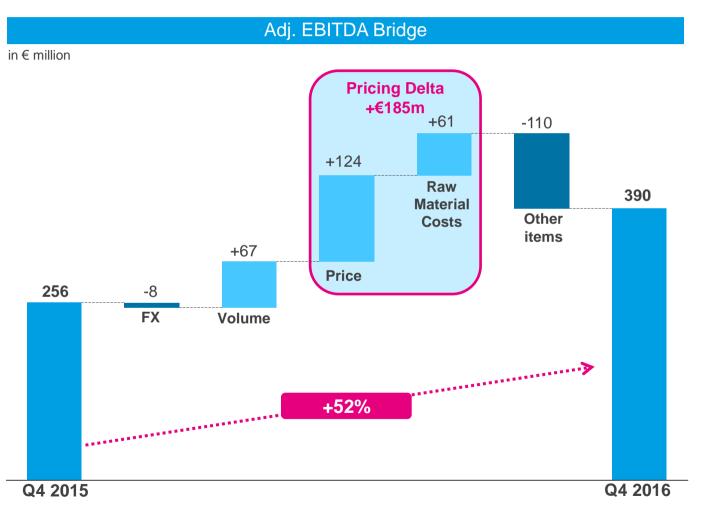
## **Negative FX effects**

 FX effects burdened sales by 0.6% Y/Y mainly due to weaker MXN

# Q4 2016 – Adj. EBITDA Bridge

## Limited volume leverage, but strong pricing delta





#### Highlights

#### Positive volume leverage

- Mainly driven by PCS & CAS
- PUR negatively impacted by force majeure

## Improving cash margin

 Positive pricing delta mainly driven by MDI & TDI

#### **Limited FX effects**

Mainly translational impact

## Other items higher than usual

Partly force majeure related costs

# **Upcoming IR Events**



Find more information on investor.covestro.com

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April 25, 2017
 Q1 2017 Interim Report

July 25, 2017
 Q2 2017 Interim Report

October 24, 2017
 Q3 2017 Interim Report

### **Annual General Meeting**

May 3, 2017 Annual Stockholders' Meeting, Bonn

#### **Broker conferences**

March 8, 2017 Citi's West Coast Symposium, San Francisco

March 28, 2017
 Barclays Materials ROC Stars Conference, New York

March 30, 2017
 Mainfirst Corporate Conference, Copenhagen

March 30-31, 2017
 Raymond James Chemical Industry Leaders Conference, London

## Capital Markets Day

• June 29, 2017 Covestro Capital Markets Day, London