

Presentation to Investors Full Year and Q4 2016 results

ROYAL DSM HEALTH NUTRITION MATERIALS



Safe harbor statement

This presentation may contain forward-looking statements with respect to DSM's future (financial) performance and position. Such statements are based on current expectations, estimates and projections of DSM and information currently available to the company. DSM cautions readers that such statements involve certain risks and uncertainties that are difficult to predict and therefore it should be understood that many factors can cause actual performance and position to differ materially from these statements. DSM has no obligation to update the statements contained in this presentation, unless required by law.

More details on DSM's Full Year and Q4 2016 performance can be found in the Full Year and Q4 2016 results press release, published together with this presentation. A more comprehensive discussion of the risk factors affecting DSM's business can be found in the company's latest Annual Report, which can be found on the company's corporate website, www.dsm.com



- Very strong 2016, well ahead of strategic goals
- Sales up 3% to €7,920m, with 4% organic growth
- Adjusted EBITDA¹ up 17% to €1,262m
- ROCE up 280 bps to 10.4% driven by 38% increase in Adjusted EBIT¹
- Cash from operating activities up 27% to €1,018m
- Net profit of €629m compared to €92m in 2015
- Proposed dividend increase from €1.65 to €1.75 per ordinary share
- Outlook 2017: DSM aims to deliver high single-digit percentage Adjusted EBITDA growth and high double-digit basis point ROCE growth in line with the targets set out in its Strategy 2018

1 Main non-IFRS terms are explained on page 25 of this presentation and in the Press Release under 'Notes to the condensed financial statements'



- Sales up 5% to €2,015m, with 2% organic growth
- Adjusted EBITDA¹ up 21% to €315m
- Nutrition: 2% organic sales growth; Adjusted EBITDA up 16%
- Materials: 7% volume growth; Adjusted EBITDA up 17%
- Cash from operating activities up 19% to €374m

1 Main non-IFRS terms are explained on page 25 of this presentation and in the Press Release under 'Notes to the condensed financial statements'



Quote from CEO Feike Sijbesma



Feike Sijbesma CEO / Chairman of the DSM Managing Board

"With today's results, we are clearly delivering on the goals we set out at the end of 2015. We are pleased to report a very good year, in which we achieved strong EBITDA and ROCE growth, well ahead of the mid-term targets set out in Strategy 2018: Driving Profitable Growth.

Nutrition achieved a year of strong organic growth, in both Animal and Human Nutrition & Health. The Materials transformation is apparent in strong volume and margin growth, driven by our focus on specialties. In addition, we made good progress on our extensive improvement programs. Besides stepping up our financial performance, we were also able to drive our innovation and sustainability agenda in 2016, as well as taking further steps in anchoring the organizational agility and culture that we aim at.

While macro-economic conditions are uncertain, we are confident that in 2017 we will again deliver on our strategic objectives, despite a higher comparative base year. We will continue to execute our growth initiatives, and we are firmly on track with our ambitious, group-wide cost and productivity improvement programs. In addition, we will maintain our disciplined approach to capital allocation and working capital."



Key financials | Q4 and Full Year 2016

in € million	Q4 2016	Q4 2015	% Change	FY 2016	FY 2015	% Change
Sales - Continuing Operations	2,015	1,926	5%	7,920	7,722	3%
Adjusted EBITDA - Continuing Operations	315	261	21 %	1,262	1,075	17%
Adjusted EBITDA margin - Continuing operations	15.6%	13.6%		15.9%	13.9%	
ROCE - Continuing Operations (%)				10.4%	7.6%	
Adjusted net profit - Continuing Operations	130	96	35%	520	381	36%
Net profit - Total DSM	87	29		629	92	
Adjusted net EPS - Continuing Operations	0.73	0.53	38%	2.90	2.14	36%
Net EPS - Total DSM	0.48	0.12		3.52	0.45	
Cash Flow - Continuing Operations	374	313	19 %	1,018	800	27%



Net sales development | Q4 and Full Year 2016

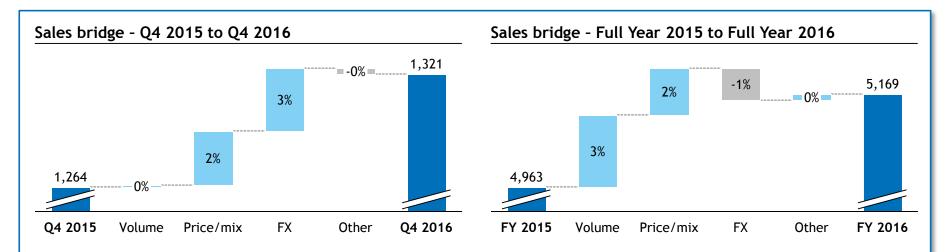
in € million	04 2016	04 2015	% Change	Volumo	Drice / mix	EV	Othou
	Q4 2016	Q4 2015	% Change	volume	Price/mix	FX	Other
Sales - Continuing Operations	2,015	1,926	5%	2%	0%	2%	1%
Nutrition	1,321	1,264	5%	0%	2%	3%	0%
Materials	639	601	6 %	7%	-3%	1%	1%
Innovation Center	41	40	0%	-2%	0%	1%	1%
Corporate Activities	14	21					
Discontinued Operations	0	0					
in € million	FY 2016	FY 2015	% Change	Volume	Price/mix	FX	Othe
Sales - Continuing Operations	7,920	7,722	3%	4%	0%	-1%	0%
Nutrition	5,169	4,963	4%	3%	2%	-1%	0%
Materials	2,513	2,528	-1%	4%	-5%	-1%	1%
Innovation Center	167	155	7 %	6%	0%	0%	1%
Corporate Activities	71	76					
Discontinued Operations	0	1,213					



in € million	Q4 2016	Q4 2015	% Change	FY 2016	FY 2015	% Change
Adjusted EBITDA - Continuing Operations	315	261	21%	1,262	1,075	17%
Nutrition	238	206	16%	931	822	13%
Materials	105	90	17%	435	384	13%
Innovation Center	-1	-1		1	-9	
Corporate Activities	-27	-34		-105	-122	
Discontinued Operations	0	1		0	95	



Nutrition | Sales overview



- Q4 2016 sales increased by 5% compared to Q4 2015
 - Higher volumes in human nutrition and food specialties were offset by slightly lower volumes in animal nutrition, for which the reported growth percentage was impacted by a tough comparison with prior year
 - Prices in animal nutrition were up in a number of vitamins and premixes, while human nutrition showed a lower price/mix
 - Exchange rates had a 3% positive effect, mainly driven by a stronger US dollar and Brazilian real



Nutrition | Key financials

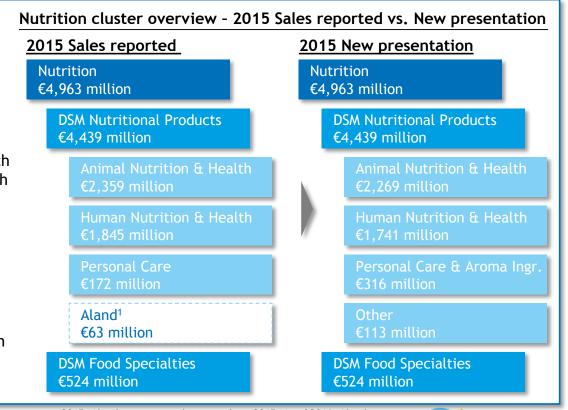
in € million	Q4 2016	Q4 2015	% Change	FY 2016	FY 2015	% Change
Sales	1,321	1,264	5%	5,169	4,963	4%
Adjusted EBITDA	238	206	16%	931	822	13%
Adjusted EBITDA margin (%)	18.0%	16.3%		18.0%	16.6%	
Adjusted EBIT	160	123	30%	645	535	21%
Capital Employed				5,537	5,309	
Average Capital Employed				5,375	5,192	
ROCE (%)				12.0%	10.3%	
Total Working Capital				1,414	1,368	
Average Total Working Capital as % of Sales				28.1%	29.4%	

- Q4 2016 Adjusted EBITDA up 16% compared to Q4 2015, resulting from:
 - Organic growth
 - Contribution from the efficiency improvement and cost saving programs
 - Some end of year incidental costs and marketing campaigns in human nutrition



Nutrition | DSM updated the way Nutrition results are presented

- As from Q4 2016, the sales of DSM Nutritional Products are as follows:
 - Animal Nutrition & Health
 - Human Nutrition & Health
 - Personal Care & Aroma Ingredients
 - Other
- Main changes:
 - DSM's aroma intermediates business which was reported in Human Nutrition & Health is now reported within 'Personal Care & Aroma Ingredients'
 - The pharma, custom manufacturing and services activities, which were reported mainly in Animal Nutrition & Health, are now all reported within 'Other'
- The change in presentation has no consequences for the total sales of Nutrition

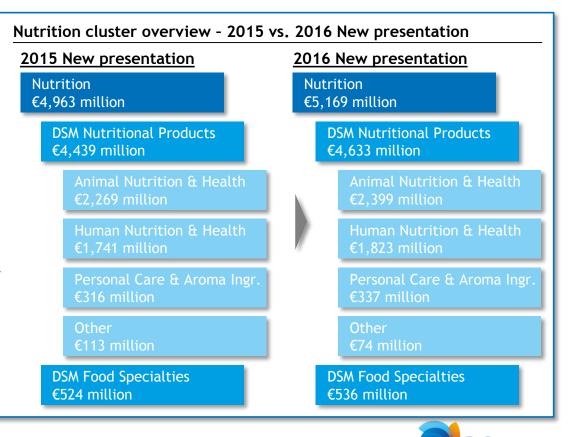


1 As with all acquisitions that are acquired within a book year, after its acquisition in 2015, Aland was reported separately in 2015. As of 2016, Aland is reported as part of Human Nutrition & Health Page 10

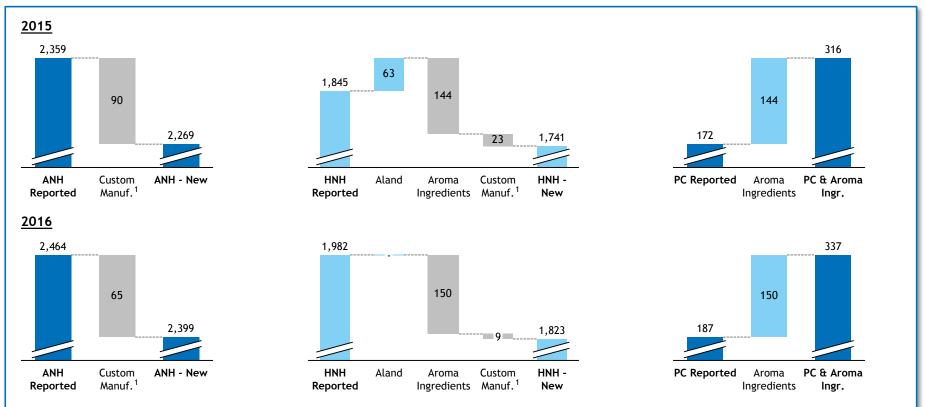


Nutrition | Additional information on new presentation of segments

- Personal Care had strong organic growth across all segments, with good growth in the business unit's carefully managed global key accounts
- Aroma Ingredients supplies aroma ingredients to the flavor and fragrance industries. In 2016, the business showed good performance, significantly increasing its specialty ingredients portfolio, while also reducing costs and improving efficiencies
- The pharma, custom manufacturing and services activities are now reported as Other

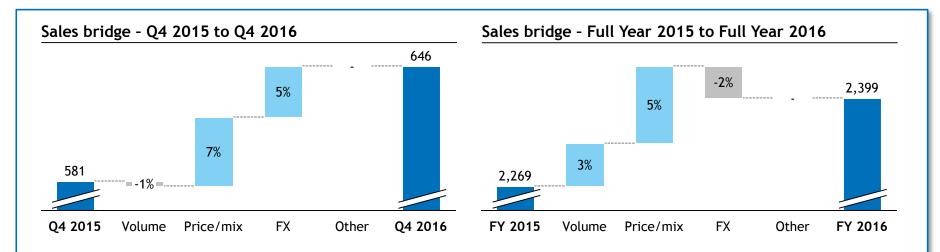


Nutrition | Additional information on new presentation of segments (cont'd)



1 Pharma, custom manufacturing and services activities

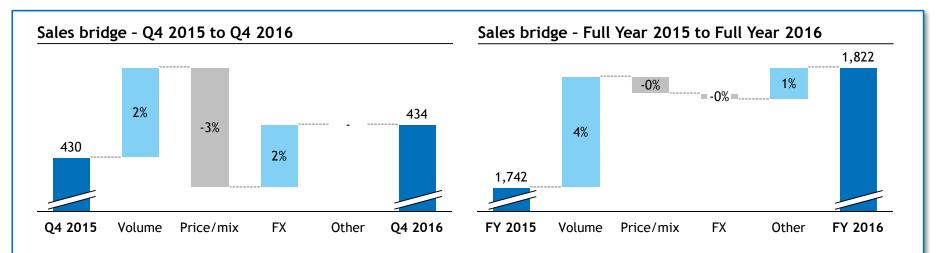
Animal Nutrition & Health | Sales overview



- Q4 2016 sales up 11% versus Q4 2015
 - 6% organic growth mainly driven by positive price/mix
 - Europe, Asia and North America delivered good volume growth, reflecting continued good market conditions, whereas Latin America saw lower volumes
 - The reported Q4 volume growth percentage was impacted by a tough comparison with Q4 2015
 - Prices were up in a number of vitamins and premixes



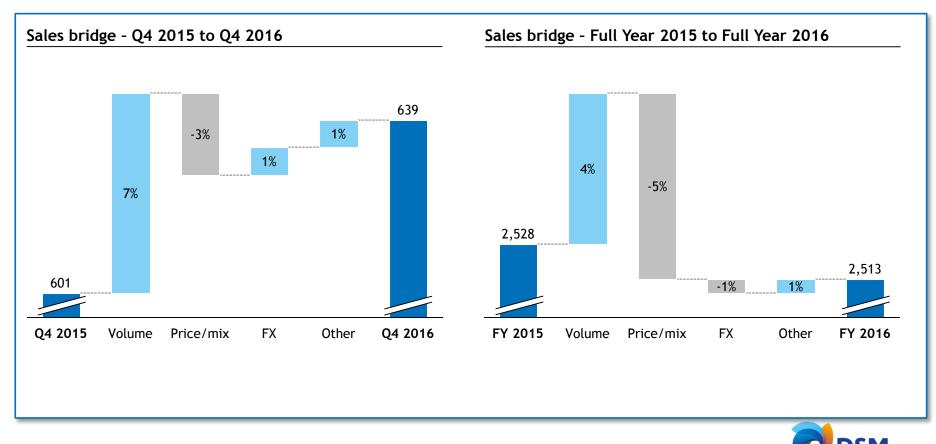
Human Nutrition & Health | Sales overview



- Q4 2016 sales
 - Good volume growth in i-Health, food & beverages and infant nutrition
 - Growth was partly offset by lower volumes in vitamin C as a result of the extended maintenance stop of our plant in China in Q3 2016
 - The lower price/mix was mainly due to some special price promotion actions in dietary supplements, and a less favorable product mix



Materials | Sales overview



Materials | Sales overview (cont'd)

- Q4 2016 sales were 6% higher than the same quarter last year
 - Strong 7% volume growth driven by specialties on the back of continued favorable trading conditions
 - Prices were 3% lower, fully reflecting the low input costs
 - Seasonality effects were less pronounced than usual in Q4 2016, which is understood as demonstrating good end-use demand in many end-markets, in combination with some stocking effects as raw material costs started to increase
- DSM Engineering Plastics
 - Volumes: Good volume growth in specialties versus Q4 2015, especially in automotive
 - Prices were lower reflecting low input costs
- DSM Resins and Functional Materials
 - Volumes: Strong growth in all business lines compared to Q4 2015, especially benefitting from improving conditions in the European building & construction markets, the Chinese markets for sustainable waterborne coating resins, and continued strong performance in Functional Materials
 - Prices reflected low input costs
- DSM Dyneema
 - Sales up significantly compared to Q4 2015, driven by strong growth in life protection, especially for law enforcement



Materials | Key financials

in € million	Q4 2016	Q4 2015	% Change	FY 2016	FY 2015	% Change
Sales	639	601	6%	2,513	2,528	-1%
Adjusted EBITDA	105	90	17%	435	384	13%
Adjusted EBITDA margin (%)	16.4%	15.0%		17.3%	15.2%	
Adjusted EBIT	77	54	43%	311	250	24%
Capital Employed				1,807	1,723	
Average Capital Employed				1,772	1,734	
ROCE (%)				17.6%	14.4%	
Total Working Capital				280	225	
Average Total Working Capital as % of Sales				12.5%	14.8%	

- Q4 2016 Adjusted EBITDA increased by 17% compared with Q4 2015
 - Result of disciplined margin management, strong growth in the specialty segments, and the benefits of the efficiency and cost saving programs carried out over recent years
 - Input costs were still at a low level versus prior year
- The Adjusted EBITDA margin of 16.4% in Q4 2016 was below the level of approximately 18% seen in the previous two quarters
 - In part due to slightly higher input costs, and incidental costs, amongst others relating to DSM's activities at the site in Augusta (USA)



Innovation Center | Key financials

in € million	Q4 2016	Q4 2015	% Change	FY 2016	FY 2015	% Change
Sales	41	40	0%	167	155	72
Adjusted EBITDA	-1	-1		1	-9	
Adjusted EBIT	-9	-14		-24	-43	
Capital Employed				576	560	

- For the full year 2016, the Innovation Center made good progress with 6% organic growth
 - Fully driven by higher volumes in both DSM Biomedical and DSM Advanced Surfaces
 - Profitability clearly improved due to a combination of organic growth, more focused innovation and reduction of costs
- Adjusted EBITDA in 2016 achieved break-even, in line with the ambition of Strategy 2018
- Q4 2016 sales and Adjusted EBITDA stable compared to Q4 2015



Corporate Activities | Key financials

in € million	Q4 2016	Q4 2015	FY 2016	FY 2015
Sales	14	21	71	76
Adjusted EBITDA	-27	-34	-105	-122
Adjusted EBIT	-38	-48	-141	-169

■ Full year 2016 Adjusted EBITDA improved by €17 million compared to 2015

- Driven by higher result at DSM's captive insurance company, as well as the execution of cost savings and efficiency improvement programs in DSM's support functions
- Q4 2016 Adjusted EBITDA improved by €7 million compared to Q4 2015
 - Prior year result of DSM's captive insurance company was negatively impacted by a claim related to a warehouse fire at the Chemelot site in Sittard-Geleen (Netherlands)



Net result contribution of joint ventures / associates | Overview

in € million	Q4 2016	Q4 2015	FY 2016	FY 2015	
DSM Sinochem (50%)	1	1	6	8	
Patheon (33.5%)	11	68	222	56	
Chemicalnvest (35%)	0	-12	-9	-14	
Other	-13	-9	-25	-20	
Total share of the profit of	-1	48	194	30	

- DSM held a 49% stake in Patheon until the end of Q2 2016. Following the IPO of Patheon NV in Q3 2016, this became 33.5%
- In 2016, the share of Patheon's contribution to DSM's net result includes the €232 million gain from IPO related transactions



Key joint ventures and associates | Financial overview

in € million, based on 100	%	Q4 2016	Q4 2015	% Change	FY 2016	FY 2015	% Change
DSM Sinochem	Sales	102	86	19 %	431	418	3%
	Adjusted EBITDA%	15%	16%		14%	14%	
Patheon ¹	Sales	570	421	35%	1,786	1,621	10%
	Adjusted EBITDA%	22%	23%		20%	23%	
Chemicalnvest ²	Sales	502	391	28%	1,802	756	n.a.
	Adjusted EBITDA%	13%	-4%		6%	0%	

- DSM Sinochem Pharmaceuticals (50% DSM) Good EBITDA growth in 2016, as well as in Q4 2016. This was the result of
 increased sales from several new product launches, a solid performance in its core antibiotics business, and supported
 by improved efficiencies
- Patheon (34% DSM) Good results for the year, as well as for Q4 ending 31 October 2016, as reported in their Annual report (10-K form) published on 23 December 2016
- Chemicalnvest (35% DSM) Mixed results over 2016, with weak performance in the first half of the year due to suppressed caprolactam results. Q4 showed improved caprolactam results. Acrylonitrile and Composite Resins continued to deliver good results

1 Patheon (formerly reported as DPx Holding) respective periods are for the 4th quarter from 1 August - 31 October and for YTD from 1 November - 31 October. 2015 restated for comparative purposes



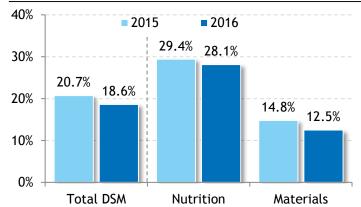
2 Chemicalnvest in 2015 refers to the period from 1 August - 31 December

Cash Flow development

Cash flow

in Comillie a	0400441	0400451	EV 2244	
in € million	Q4 2016 ¹	Q4 2015	FY 2016 ¹	FY 2015 ¹
EBITDA	270	236	1,146	1,046
Change in Working Capital	82	137	-89	-12
Income Tax	-23	-12	-77	-75
Other	45	-47	38	-263
Cash from Operating Activities	374	314	1,018	696
of which provided by Continuing Operations	374	313	1,018	800
Cash from Investing Activities ²	-144	-238	-258	-273
Free Cash Flow from Operations	230	76	760	423

Average Working Capital%



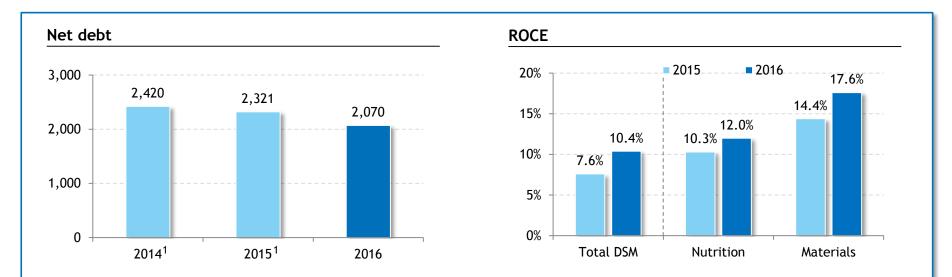
1) DSM - Total (incl. discontinued operations)

2) Excl. changes in fixed-term deposits, incl. acquisitions

- Cash flow from operating activities amounted to €374 million in Q4 2016 showing an improvement of €61 million compared to Q4 2015. Full year cash flow from operating activities increased by 27% from €800 million to €1,018 million
- Total Working Capital amounted to €1,481 million year-end 2016 compared to €1,343 million at the end of 2015, which represents 18.4% as a percentage of annualized Q4 sales (year-end 2015: 17.4%)
 - The increase of 1% was for 0.4% related to operating working capital and 0.6% related to non-operating working capital following lower cash-related liabilities to joint ventures
 - On average, the working capital as a percentage of net sales amounted to 18.6% in 2016 (20.7% in 2015)



Net debt and ROCE development

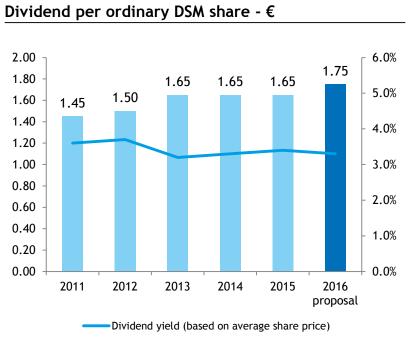


- Net debt decreased by €251 million compared to the end of 2015 and stood at €2,070 million
 - The decrease was mainly due to the receipt of dividend and proceeds from the secondary offering of Patheon amounting to a total of €235 million
- ROCE up 280 bps to 10.4% (vs. 7.6% in 2015) driven by 38% increase in Adjusted EBIT



1 Before reclassification to held for sale

Dividend proposal to AGM: Increase dividend to €1.75 per ordinary share



- Dividend policy "stable and preferably rising"
- Reflecting its confidence in the financial performance of the company, DSM proposes to increase the dividend
- Proposal to the AGM on 3 May 2017: Increase dividend from €1.65 to €1.75 per ordinary share in 2016
 - €0.55 interim dividend (paid in August 2016)
 - €1.20 final dividend (payable 26 May 2017)
- The dividend will be payable in cash or in the form of ordinary shares, at the option of the shareholder
 - A maximum of 40% of the total dividend amount is available for stock dividend
 - Dividend in cash will be paid after deduction of 15% Dutch dividend withholding tax
- The ex-dividend date is 5 May 2017



Reconciliation to Alternative Performance Measures | Overview

- In presenting and discussing DSM's financial position, operating results and cash flows, DSM uses certain alternative performance measures ('APMs') not defined by IFRS
- These APMs are used in order to provide important measures of DSM's business development and management performance, and should be used as supplementary information in conjunction with IFRS measures
- In light of the European Securities and Markets Authority ('ESMA') guidelines on APMs, DSM has updated the way these APMs are presented
- Henceforth, material items of profit or loss that management deems necessary to adjust to measure operational performance will be referred to as 'APM Adjustments', resulting in the APMs 'Adjusted EBITDA' and 'Adjusted net profit' in line with common practice

Reconciliation to Alternative Performance Measures

in € million	Cont.	Q4 2016 Discont.		Cont.	Q4 2015 Discont	
		operations	Total	operations		Tota
EBITDA	270	0	270	230	6	236
Acquisitions/divestments	2	0	2	1	-5	-4
Restructuring costs	43	0	43	36	0	36
Other	0	0	0	-6	0	-6
Sub-total EBITDA adjustments	45	0	45	31	-5	26
Adjusted EBITDA	315	0	315	261	1	262
Operating profit (EBIT)	139	0	139	36	14	50
Adjustments to EBITDA	45	0	45	31	-5	26
Impairments of PPE and Intangible assets	6	0	6	48	-8	40
Sub-total adjustments to operating profit (EBIT)	51	0	51	79	-13	66
Adjusted operating profit (EBIT)	190	0	190	115	1	116
Net profit	87	0	87	32	- 3	29
Adjustments to operating profit (EBIT)	51	0	51	79	-13	66
Adjustments to financial income and expense	0	0	0	0	0	0
Income tax related to adjustments	-13	0	-13	-17	14	-3
Adjustments to share in result associates	5	0	5	2	0	1
Sub-total adjustments to net profit	43	0	43	64	1	65
Adjusted net profit	130	0	130	96	-2	94
Net profit available to holders of ordinary shares	86	0	86	29	-8	21
Adjustments to net profit	43	0	43	64	1	65
Adjusted net profit available to holders of ordinary shares	129	0	129	93	-7	86
Average number of ordinary shares (million)			175.9			174.9
Earnings per share (EPS) (in €):						
Net earnings per share	0.48	0.00	0.48	0.17	-0.05	0.12
Adjusted net earnings per share	0.73	0.00	0.73	0.53	-0.04	0.4





Update on Strategy 2018 | Driving Profitable Growth



Strategy 2018: Driving Profitable Growth





Businesses aim to outpace market growth | Growth projects in Nutrition are delivering

Nutrition Strategy 2018 and 2016 milestones



<u>2016</u>

- Organic growth: 5%
- EBITDA growth: 13.3%
- ROCE: 12.0%

1 Expand the core

 New vitamin B6 plant and expansion of the gellan-gum and pectin facilities all in China;

2 Add new products and solutions

- Product offering broadened e.g. eubiotics for antibioticfree poultry;
- Good progress in the "GreenOcean" and "CleanCow" projects;











Businesses aim to outpace market growth | Growth projects in Nutrition are delivering (cont'd)

Nutrition Strategy 2018 and 2016 milestones



- EBITDA growth: 13.3%
- ROCE: 12.0%

3 Expand in new segments/regions

- Launch of MEG-3[®] Ultra allowing for varieties of (high-concentrate) DHA and EPA;
- Successful expansion of fast-growing i-health consumer line of products outside of the US;

4 New business models

 Business to farmer (B2F) network expanded with new brand (YiWeiZhuang) and new mobile order platform



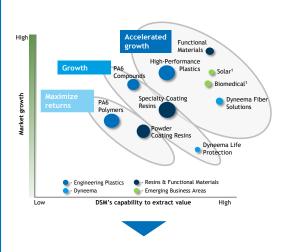






Businesses aim to outpace market growth | Materials stepped up its transformation towards a more specialty portfolio

Materials Strategy 2018 and 2016 milestones



<u>2016</u>

- Volume growth: 4%
- EBITDA growth: 13.3%
- ROCE: 17.6%

- For DSM's specialty materials, DSM is using new technologies and (sustainable) customer solutions to accelerate growth:
 - Engineering Plastics
 - Used in new ultra-thin USB Type-C connectors
 - Launch of next-generation hightemperature polyamides
 - New high-performance thermoplastic copolyester





Businesses aim to outpace market growth | Materials stepped up its transformation towards a more specialty portfolio (cont'd)

Materials Strategy 2018 and 2016 milestones



<u>2016</u>

- Volume growth: 4%
- EBITDA growth: 13.3%
- ROCE: 17.6%

- Dyneema

• Launch of Dyneema® Carbon hybrid composite, offering the low weight, high strength qualities of carbon fiber without the characteristic of shattering



- Resins & Functional Materials

• Good progress with sustainable waterborne coatings for marine containers in China;

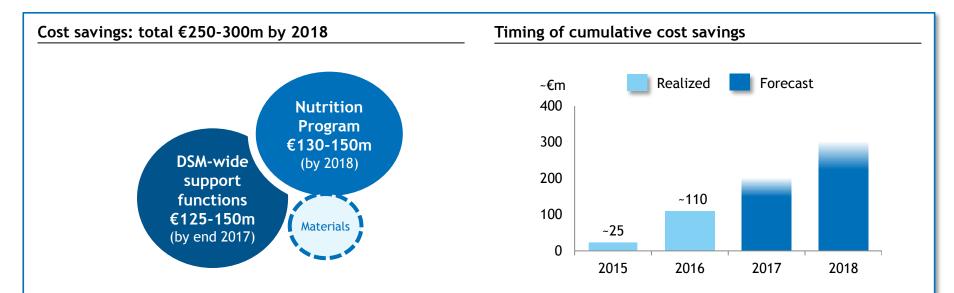


 High acceptance of powder and waterborne coatings in Europe





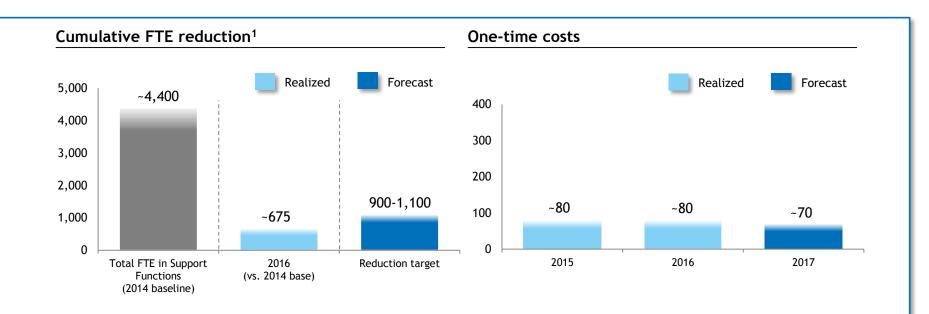
Ambitious improvement programs firmly on track



- DSM is rigorously executing its ambitious cost reduction and efficiency improvement programs across the company
- The plans are firmly on track to reach the overall savings of €250-300 million by 2018 (vs. the 2014 baseline)



FTE reduction on track and one-time costs within budget

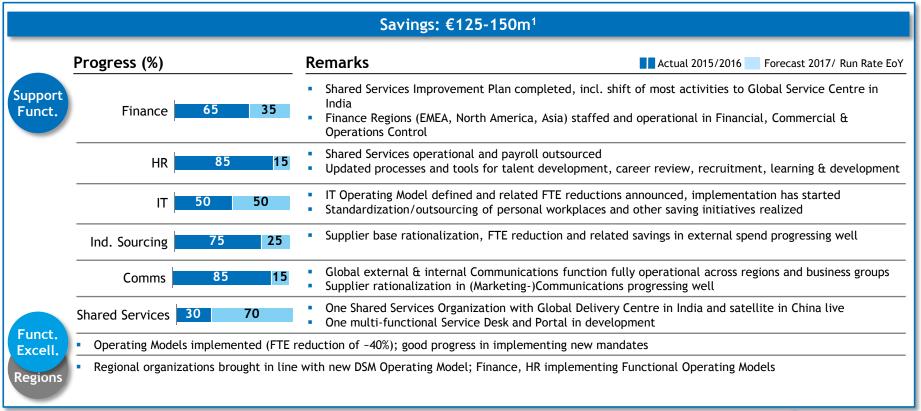


- FTE reduction in service organization on track to reach target:
 - FTE reduction up to and incl. FY2016 is ~675 FTE vs. an ambition of 900-1,100 FTE (end of 2017)
- One time restructuring costs in 2016 amounted to ~€80m



1 Vs. 2014 baseline

DSM-wide savings in support functions & staff | Strong progress made with globally leveraging support functions at lower costs



1 Vs. 2014 baseline

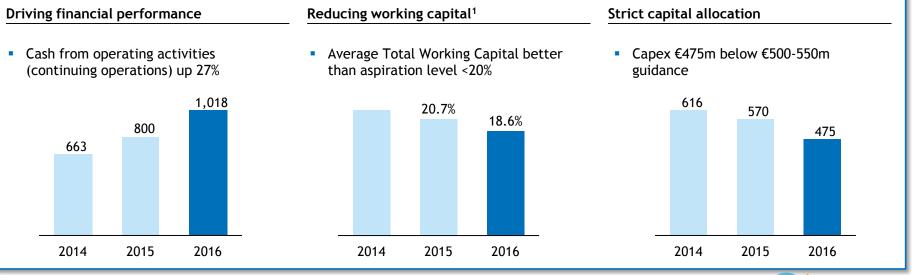
Nutrition-specific improvement program | Overall program running well with purchasing savings being ahead of plan and cost-reductions on track

Cost improvements (recap)		Work stre	eams closely monitored and on track
	urchasing	Purchasing	Current status: Actions Financial benefits • Purchasing savings so far exceeding target, helped by low commodity prices • •
gains (Yield & Energy)	Purchasing	Fixed cost reduction	 Cost reduction programs are being executed. Remaining part will be captured in the upcoming period
	xed cost duction	Throughput gains	 Program on track, planned benefits end of 2016 realized. Target gains are expected to be secured
(~1 Throughput gain in sold-out units	100 FTE)	Efficiency gains	 Program on track, planned benefits end of 2016 realized. Target gains are expected to be secured



DSM maintains its disciplined approach to capital allocation

- Capital efficiency is a key driver of cash generation; in 2016 we undertook a number of improvement projects in this area throughout DSM
 - One of these has been to take a more integrated approach to business planning, in particular in our Nutrition cluster
 - Holistically addressing processes instead of approaching them as a series of individual steps has resulted in clear improvements in inventory management, production and distribution efficiencies.



1 2014 figure added for comparison only: based on non-audited, restated estimates adjusting for divestitures, acquisitions and other non-recurring items



DSM has stepped up its sustainability aspirations¹

Key sustainability focu Nutrition Climate change and r Circular and bio-base	renewable energy			
Sustainability as Busin	ess Growth Driver			
Eco+	People+	 Brighter Living Solutions: ECO+ and People+ Profitable solutions better for people and planet 		<u>2016</u>
Peoplet		 Aspiration: 65% of DSM products by 2020 		63%
Securing Sustainable C	perations			
		Operational Aspirations	Long-term goals	<u>2016</u>
GHG and Energy	Health & Safety	Leading in reporting benchmarksGHG efficiency improvements	Gold class DJSI 40-45% (2008-2025)	Gold class 23%
	Health a Salety			
Efficiency	Fngagement	Energy efficiency improvements	>10% (2016-2025)	Ζ%
Renewable	Engagement Diversity	Energy efficiency improvementsPurchased electricity from renewables	>10% (2016-2025) 50% by 2025	2% 8%
	Engagement Diversity		· · · · · · · · · · · · · · · · · · ·	



1 Please see DSM's Annual Report for definitions and additional information

In 2016, DSM launched the 'Brighter Living Solutions' program in order to steer products and innovations that are better for people and the planet

Examples of 'Brighter Living Solutions'



<u>Uralac® Ultra</u>

- Coating solutions for furniture that gets heavyduty use
- Uralac[®] technology uses less water and energy along the life cycle than comparable alternatives



Dyneema® heavy marine ropes

- Ropes for mooring and towing tankers and other ships
- The ropes are up to 30% lighter compared to polyester, resulting in reduced emissions and easier to handling than traditional alternatives made of steel wire



Pack-Age®

- Moisture-permeable membrane that allows cheese to ripen naturally
- Replaces conventional cheese ripening methods such as coatings without any need for additional preservatives
- Also prevents cheese losses during the ripening time and processing of cheese



Key joint ventures and associates | Overview

DSM Sinochem Pharmaceuticals (50%) Pharma - Antibiotics

- JV with Sinochem created in 2011 when Sinochem took a 50% interest in DSM Anti-Infectives
- Global leader in generic antiinfective molecules selling raw materials, intermediates, (enzymatic beta-lactam) APIs and finished dosage

Patheon (34%)				
Pharma	-	Contract	Manufacturing	

- Created in 2014, when DSM combined DSM Pharmaceutical Products with JLL Partners' Patheon in return for a 49% stake
- Produces a unique breadth of offerings from finished dosage (drug products) to active substances (APIs)

Chemicalnvest (35%) Bulk Chemicals

 Chemicalnvest includes the former (bulk chemical) activities of DSM in caprolactam, acrylonitrile and composite resins in which DSM still holds a 35% stake (65% owned by CVC Capital Partners)

In € million at 100%	2016
Sales	431
Adjusted EBITDA%	14%

In € million at 100%	2016 ¹
Sales	1,786
Adjusted EBITDA%	20%

In € million at 100%	2016
Sales	1,802
Adjusted EBITDA%	6%



1 Book year 1 November until 31 October. Based on continuing operations

Key business/innovation projects driving earnings growth beyond 2018

- DSM has set itself strategic targets for the period to 2018. At the same time, we are also preparing for further longerterm growth
- Range of key business and innovation projects across the clusters will drive earnings growth beyond 2018 and we will
 continue to develop more initiatives in light of market dynamics

Nutrition	Materials	Emerging Business Areas
 Vitamers (high-potency vitamins) New infant ingredients New bio colorants (blue/red) Stevia (sweetener) Hydrocolloids (texture) Proteins for the future New skin solutions (Personal Care) India B2C businesses i-Health (B2C nutrients) New premix solutions Eubiotics (cultures) New enzymes Clean Cow (feed ingredient) Algae-based Omega-3 for aquaculture 	 ForTii[®] (HPPO polymer) Niaga[®] (recycle carpets) Ultra (low-temp. powder coating) Decovery [®] (bio-based resins) Apparel (Dyneema[®] textile apps) Force multiplier technology (light personal protection) 	 3D options (combine Somos/Resins, Biomedical & Engineering Plastics) New Bio-Medical products Solar materials Bio-based Products & Services



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