

BASF Group 2017 at a glance

Economic data

		2017	2016	Change in %
Sales	million €	64,475	57,550	12.0
Income from operations before depreciation and amortization (EBITDA) and special items	million €	12,527	10,327	21.3
EBITDA	million €	12,724	10,526	20.9
Amortization and depreciation ¹	million €	4,202	4,251	(1.2)
Income from operations (EBIT)	million €	8,522	6,275	35.8
Special items	million €	194	(34)	.
EBIT before special items	million €	8,328	6,309	32.0
Financial result	million €	(722)	(880)	18.0
Income before taxes and minority interests	million €	7,800	5,395	44.6
Net income	million €	6,078	4,056	49.9
EBIT after cost of capital	million €	2,727	1,136	140.1
Earnings per share	€	6.62	4.42	49.8
Adjusted earnings per share	€	6.44	4.83	33.3
Dividend per share	€	3.10	3.00	3.3
Research and development expenses	million €	1,888	1,863	1.3
Personnel expenses	million €	10,610	10,165	4.4
Number of employees		115,490	113,830	1.5
Assets	million €	78,768	76,496	3.0
Investments ²	million €	4,364	7,258	(39.9)
Equity ratio	%	44.1	42.6	–
Return on assets	%	10.8	8.2	–
Return on equity after tax	%	18.9	13.3	–
Net debt	million €	11,485	14,401	(20.2)
Cash provided by operating activities	million €	8,785	7,717	13.8
Free cash flow	million €	4,789	3,572	34.1

¹ Amortization of intangible assets, depreciation of property, plant and equipment, impairments and reversals of impairments

² Additions to intangible assets and property, plant and equipment (including acquisitions)

Value added 2017³

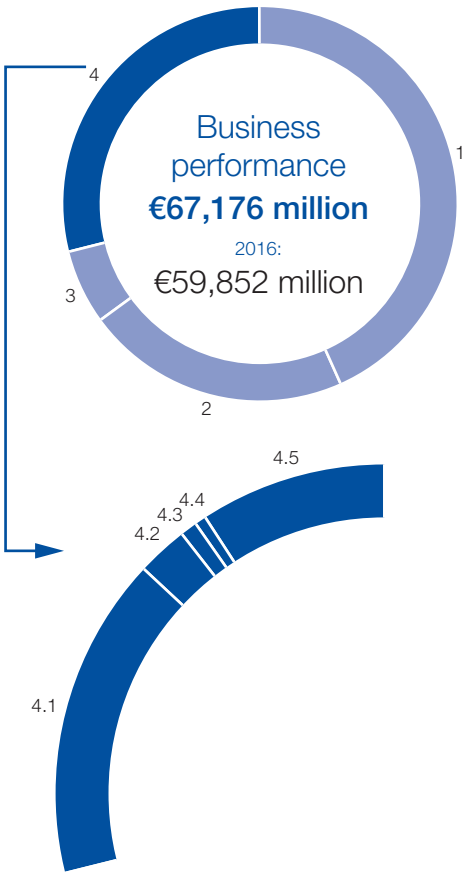
Creation of value added (million €)

	2017	2016
Business performance	67,176	59,852
1 Cost of raw materials and merchandise	(29,224)	(25,450)
2 Services purchased, energy costs and other expenses	(14,520)	(13,658)
3 Amortization and depreciation	(4,202)	(4,251)
4 Value added	19,230	16,493

Use of value added

	2017	2016
4.1 Employees	55.2%	61.6%
4.2 Government	8.9%	8.6%
4.3 Creditors	2.9%	4.0%
4.4 Minority interests	1.4%	1.2%
4.5 Shareholders (dividend and retention)	31.6%	24.6%

³ Value added results from the company's performance minus goods and services purchased, depreciation and amortization. Business performance includes sales revenues, other operating income, interest income and net income from shareholdings. Value added shows the BASF Group's contribution to both private and public income as well as its distribution among all stakeholders.



Innovation

		2017	2016	Change in %
Research and development expenses	million €	1,888	1,863	1.3
Number of employees in research and development at year-end		10,110	9,966	1.4

Employees and society

		2017	2016	Change in %
Employees				
Employees at year-end		115,490	113,830	1.5
Apprentices at year-end		3,103	3,120	(0.5)
Personnel expenses	million €	10,610	10,165	4.4
Society				
Donations and sponsorship	million €	56.0	47.0	19.1

Environment, health, safety and security

		2017	2016	Change in %
Safety, security and health				
Transportation incidents with significant impact on the environment		0	0	0
Process safety incidents	per one million working hours	2.0	2.0	0
Lost-time injuries ⁴	per one million working hours	1.4	1.5	(6.6)
Health Performance Index ⁵		0.97	0.96	1.0
Environment				
Primary energy use ⁶	million MWh	57.3	57.4	(0.2)
Energy efficiency in production processes	kilograms of sales product/MWh	625	617	1.3
Total water withdrawal	million cubic meters	1,816	1,649	10.1
Withdrawal of drinking water	million cubic meters	20.3	20.7	(1.9)
Emissions of organic substances to water ⁷	thousand metric tons	14.1	15.9	(11.3)
Emissions of nitrogen to water ⁷	thousand metric tons	2.8	2.9	(3.4)
Emissions of heavy metals to water ⁷	metric tons	24.8	23.2	6.9
Emissions of greenhouse gases ⁴	million metric tons of CO ₂ equivalents	22.6	22.0	2.7
Emissions to air (air pollutants) ⁷	thousand metric tons	25.7	26.0	(1.2)
Waste	million metric tons	2.12	2.10	1.0
Operating costs for environmental protection	million €	1,024	1,011	1.3
Investments in environmental protection plants and facilities	million €	234	206	3.6

⁴ The 2016 figure has been adjusted due to updated data.

⁵ For more information, see page 100

⁶ Primary energy used in BASF's plants as well as in the plants of our energy suppliers to cover energy demand for production processes

⁷ Excluding emissions from oil and gas production

Audits along the value chain

		2017	2016	Change in %
Suppliers				
Number of on-site sustainability audits of raw material suppliers		120	104	15.4
Responsible Care Management System				
Number of environmental and safety audits		109	121	(9.9)
Number of short-notice audits		63	37	70.2
Number of occupational medicine and health protection audits and health performance control visits ⁸		44	30	–

⁸ For more information, see page 97