







Sustainability indicators for the Evonik Group

The following overview contains the main indicators for our six sustainability areas of action. You can find more detailed information in the relevant chapters.

		2013	2014	2015	2016
 Strategy and growth	Sales in € million	12,708	12,917	13,507	12,732
	Adjusted EBITDA in € million	1,995	1,882	2,465	2,165
	Adjusted EBITDA margin in %	15.7	14.6	18.2	17.0
	ROCE in %	15.1	12.5	16.6	14.0
 Governance and compliance	Female Supervisory Board members in %	10	15	20	35
	Female Executive Board members in %	20 ^a	20	20	20
	Training in antitrust law	642	514	493	937
	Training in fighting corruption ^b	946	404	1,600	828
	Training in the Code of Conduct	3,924	1,542 ^c	2,823	12,025
	Internal investigations	42	28	27	33
 Employees	Commitment Index ^d	148 (2010)	157 (2012) ^e	151	- ^f
	Employee turnover in % ^g	6.0	3.9	4.7	4.7
	Average length of service in years	- ^h	15.1	15.0	14.9
	CPD per employee in hours	13 ⁱ	9	13	16 ^j
	Female managers in % ^k	18.8	20.1	20.8	22.0
 Value chain and products	Procurement expenses in € billion	8.5	9.1	8.3	7.6
	No. of sustainability audits (TfS)	- ^l	93	179	241 ^m
	No. of sustainability assessments (TfS)	- ^l	2,605	2,580	1,773 ⁿ
	Use of renewable raw materials in production in %	9.6	8.8	8.6	9.2
	R&D expenses in € million	394	413	434	438
	R&D ratio in % ^o	3.1	3.2	3.2	3.4
	Proportion of resource-saving products in %	- ^l	- ^l	~ 50	~ 50
	External sales of chemicals segments covered by life cycle analyses in %	- ^l	- ^l	~ 70	~ 70
 The environment	Scope 1 greenhouse gas emissions in million metric tons ^p	5.9	5.9	5.6	5.4
	Scope 2 greenhouse gas emissions in million metric tons ^q	0.9	0.9	1.0	1.0
	Water consumption in million m ³ ^r	74.5	78.1	71.3	65.7
	Production in million metric tons	10.06	10.35	10.36	10.58
	Hazardous production waste in thousand metric tons	218	212	213	227
	Non-hazardous production waste in thousand metric tons	152	156	153	124
 Safety	Accident frequency ^s	0.9	1.2	1.0	1.2
	Incident frequency ^t	50	53	55	43
	Health ratio in % ^u	94.9	95.9	95.4	95.3
	Occupational Health Performance Index ^v	5.1	5.4	5.3	5.5
	Occupational Disease Rate ^w	0.28	0.40	0.30	0.36
	Outgoing shipments, hazardous goods in thousand metric tons	5,600	5,849	5,531	4,025
	Outgoing shipments, other goods in thousand metric tons	3,546	3,531	3,438	4,078

^a Since October 1, 2013. | ^b Managerial employees. | ^c The training concept was altered in 2014 so the figure is not fully comparable with the other years. | ^d Commitment Index on employee satisfaction, maximum score 200. | ^e Since 2012 the employee survey has been conducted every three years. | ^f The next employee survey is planned for 2018. | ^g Continuing operations only. | ^h No data available. | ⁱ Refers to Germany; worldwide from 2016. | ^j Since 2016 the figure excludes apprentices in Germany. | ^k Management Circles 1–3; continuing operations only. | ^l No data compiled for this year. | ^m Thereof Evonik: 29. | ⁿ Thereof Evonik: 145. | ^o Ratio of R&D expenses to sales. | ^p CO₂ equivalents. | ^q CO₂ equivalents, net (market-based). | ^r Includes water used to generate steam, in the manufacture of products, to cover evaporation losses, and process water. | ^s Number of accidents involving Evonik employees and contractors' employees under Evonik's direct supervision per 1 million working hours. | ^t Number of incidents per 1 million working hours (reference base: 2008). | ^u Refers to Germany; calculated from: (Target working hours – Sickness-related hours lost) / Target working hours. | ^v Max 6.0 (index takes account of key aspects of occupational medicine, health promotion and emergency medical management). | ^w Number of newly identified cases of occupational illnesses per 1 million working hours.