



Technology Metals | Advanced Ceramics

Facts and Figures 2015/2016/2017 to Sustainability Reporting

Facts and Figures 2015/2016/2017

Business Data		2015	2016	2017
Sales	EUR million	815.2	688.4	767.3
Production quantity	t	39,676	36,466	40,974
Research and development expenses	% of sales	2.59	2.64	2.06
Employee Statistics		2015	2016	2017
Employees (full time equivalent)	Number	2,679	2,590	2,570
Female	Number (%)	494 (18.4)	484 (18.7)	476 (18.5)
Temporary	Number (%)	260 (9.7)	242 (9.4)	246 (9.6)
Female, temporary	Number (%)	53 (20.3)	51 (21.0)	49 (20.0)
Germany: state-certified trainees (commercial/industrial) ¹	Number	119 (14/105)	95 (9/86)	84 (10/74)
Employees below 20 years	Number (%)	12 (0.4)	10 (0.4)	7 (0.3)
21-30 years	Number (%)	407 (15.2)	346 (13.4)	371 (14.4)
31-40 years	Number (%)	618 (23.1)	567 (21.9)	551 (21.4)
41-50 years	Number (%)	751 (28.0)	686 (26.5)	724 (28.2)
51-60 years	Number (%)	766 (28.6)	817 (31.5)	758 (29.5)
61-70 years	Number (%)	121 (4.5)	162 (6.3)	150 (5.8)
Not specified	Number (%)	5 (0.2)	3 (0.1)	10 (0.4)
Occupational Safety and Health Protection		2015	2016	2017
Days away from work (DAW)	Number	811	524	839
Accident rate (employees per million working hours)	MAQ	5.86	5.45	5.27
Severity rate	USQ	112	101	118
Fatal accidents	Number	0	0	0
Regular occupational health checkups	Number	3,629	3,104	2,884
Number of first aid training sessions	Number	485	574	432
Environmental Statistics		2015	2016	2017
Total amount of wastewater	m ³	2,102,752	2,154,726	2,488,092
Inorganic salts in wastewater runoff	t	6,852	5,705	7,009
Total metals in wastewater runoff	t	11	46	33
Waste total	t	61,017	59,353	62,056
Total non-hazardous waste	t	51,024	48,139	50,671
Total hazardous waste	t	9,993	11,214	11,385
Recycling rate (in-house waste)	%	22	26	19
Total electricity	GJ	877,351	879,682	852,104
Carbon dioxide (CO ₂), indirect ²	t	93,650	79,038	68,881
Total natural gas and fuel oil ³	GJ	867,375	780,767	784,961
Carbon dioxide (CO ₂), direct	t	48,903	44,420	44,636
Total steam	GJ	397,937	385,203	343,097
Total water (drinking, cooling, industrial, and deionized water)	m ³	4,130,523	4,361,088	4,632,329
Total technical gases	m ³	22,366,571	25,334,229	27,436,863
Air emissions: dust	t	71	20	21
Total greenhouse gases	t	48,903	44,420	44,636

¹ Number of state-certified trainees at Goslar, Laufenburg, Selb und Hermsdorf.

Goslar, Selb und Hermsdorf offer commercial traineeships.

² Definition: electricity => 0,166 t Co₂/GJ => 597.6g/kWh (Source UBA)

³ Definition: natural gas: => 0,056 t Co₂/GJ (Source UBA)

Definition: fuel oil: => 0,074 t Co₂/GJ (Source UBA)

Definition: liquid gas: => 0,064 t Co₂/GJ (Source UBA)