

Summary of main performance indicators

GRI ref.	Indicator description			
Environmental		2010	2009	2008
EN1	Materials			
	Phthalates (tons)	31	16	25
	Brominated flame retardants (tons)	0	3.1	2.3
	Lead in submarine cables (tons)	3,632	3,600	6,596
	Organic lead in polymers (tons)	52	24	36
	Lead in other products (tons), e.g. backup batteries and counterweights in robots	265	313	354
	Cadmium in industrial batteries (tons)	1.7	2.2	2.0
	Cadmium in rechargeable batteries (tons)	5.9	4.7	6.4
	Cadmium in lead alloy (tons)	2.7	2.5	5.3
	Cadmium in other uses (tons)	0.18	0.05	n.a.
	Mercury in products (tons)	0.038	0.011	0.015
	SF ₆ insulation gas (inflow to ABB facilities) (tons)	968	962	987
	SF ₆ insulation gas (outflow to customers) (tons)	959	951	969
	No. of transformers with PCB oil in ABB facilities	3	6	7
	No. of capacitors with PCB oil in ABB facilities	0	0	9
	Mercury in instruments in ABB facilities (tons)	0.422	0.803	0.895
EN3	Direct energy consumption (Gigawatt-hours – GWh)			
	Oil (11.63 MWh/ton)	114	87	104
	Coal (7.56 MWh/ton)	0	0	0
	Gas	427	415	416
	Total direct energy used	542	502	520
EN4	Indirect energy consumption (Gigawatt-hours – GWh)			
	District heat consumption	223	259	250
	District heat: Losses at utilities	33	39	37
	Electricity consumption	1,335	1,321	1,323
	Electricity: Losses at utilities	1,844	1,824	1,627
	Total indirect energy used	3,436	3,442	3,237
	Megawatt-hours (MWh) per employee	18.0	17.9	17.5
EN8	Water withdrawal (kilotons)			
	Purchased from water companies	3,300	3,300	3,100
	Groundwater extracted by ABB	2,700	2,900	2,700
	Surface water extracted by ABB	2,900	2,700	2,800
	Total water withdrawal	8,900	8,900	8,600
EN16	Greenhouse gas emissions (kilotons CO₂ equivalent)			
	Scope 1			
	Energy	117	107	112
	SF ₆ (in CO ₂ equivalents)	247	263	406
	CO ₂ from transport by own fleet	350	350	350
	Scope 2			
	District heat consumption	49	57	55
	District heat: Losses at utilities	8	9	8
	Electricity consumption	293	290	287
	Electricity: Losses at utilities	405	400	397

GRI ref.	Indicator description			
		2010	2009	2008
EN19	Emissions of volatile organic compounds (tons)			
	Volatile organic compounds (VOC)	786	782	909
	Chlorinated volatile organic compounds (VOC-Cl)	11	5	6
EN20	Emissions of NO_x and SO_x (tons SO₂ and NO₂)			
	SO _x from burning coal	0	0	0
	SO _x from burning oil	84	64	76
	NO _x from burning coal	0	0	0
	NO _x from burning oil	63	48	57
	NO _x from burning gas	92	90	90
EN21	Discharge of process water (percentage of ABB plants)			
	Discharge to public sewer	84	72	62
	Discharge to recipient without treatment	3	9	13
	Discharge to own treatment plant	13	20	25
EN22	Waste (kilotons)			
	Scrap metal recycled	135	71	92
	Other waste recycled	44	46	47
	General waste sent for disposal	38	29	35
	Hazardous waste	9	6	7
EN23	Significant spills			
	Total number of spills	7	12	4
EN27	Products and services			
	Percentage of reclaimable material in products	90	90	90
Social		2010	2009	2008
LA1	Employment			
	Total workforce by region (ABB employees)			
	Europe	58,800	60,600	62,100
	The Americas	17,700	17,100	20,000
	Asia	30,900	29,900	29,100
	Middle East and Africa	9,100	8,500	8,200
	Total	116,500	116,100	119,400
	Total numbers of part-time employees included above			
	Europe	3,133 5%	2,984 5%	3,392
	The Americas	143 1%	92 1%	73
	Asia	183 1%	268 1%	138
	Middle East and Africa	4 <1%	112 2%	124
	Total	3,463 3%	3,456 3%	3,827
LA2	Employee turnover			
	Turnover of all employees, including part-time			
	Europe	6,351 11%	5,985 10%	10%
	The Americas	2,567 16%	3,826 23%	19%
	Asia	4,346 14%	2,943 11%	11%
	Middle East and Africa	463 8%	271 5%	11%
	Total turnover for whole Group	13,727 12%	13,025 12%	11%

GRI ref.	Indicator description	2010		2009		2008
	Turnover of all female employees, including part-time					
	Europe	1,407	2%	1,439	2%	1,307
	The Americas	631	4%	635	4%	450
	Asia	1,060	4%	520	2%	532
	Middle East and Africa	51	<1%	19	<1%	128
	Total turnover for whole Group	3,149	3%	2,613	2%	2,417
LA7	Occupational health and safety					
	Fatalities, injuries, lost days, diseases					
	Employee work-related fatalities	1		1		3
	Incident rate	0.01		0.01		0.03
	Employee work-related serious injuries	15		27		37
	Incident rate	0.13		0.23		0.32
	Employee commuting/business travel fatalities	2		1		2
	Incident rate	0.02		0.01		0.02
	Employee commuting/business travel serious injuries	5		0		3
	Incident rate	0.04		0		0.03
	Contractor work-related fatalities	2		3		4
	Contractor work-related serious injuries	16		11		16
	Contractor business travel fatalities	0		0		1
	Members of the public fatalities	0		0		1
	Employee working days lost due to industrial incidents	8,362		7,633		16,877
	Employee occupational health diseases (number of cases)	13		47		102
	Employee total recordable incident rate	13.48		14.32		18.93
HR4	Non-discrimination					
	Total number of incidents of discrimination	6		0		0
	Total number of incidents of harassment	18		0		0
SO6	Public policy					
	Financial and in-kind political contributions	\$9,000		0		0
LA10	Training and education					
	Training per year per employee (average hours)					
	China	40		24		20
	Germany	16		15		16
	Sweden	10		10		17
	India	4		3		28
	United States	25		25		25
	Switzerland	20		20		17
	Finland	13		24		24
	Italy	17		10		10
	Brazil	26		28		31
	Czech Republic	10		13		22

GRI ref.	Indicator description	2010	2009	2008
LA13	Diversity and equal opportunity			
	Women in senior management (percentage)			
	China	25%	–	–
	Germany	4%	–	–
	Sweden	22%	–	–
	India	2%	–	–
	United States	15%	–	–
	Switzerland	7%	–	–
	Finland	17%	–	–
	Italy	7%	–	–
	Brazil	7%	–	–
	Czech Republic	19%	–	–