

Summary of main performance indicators¹

GRI ref.	Indicator description	2011	2010	2009
Environmental				
EN1	Materials			
	Phthalates (tons)	47	31	16
	Brominated flame retardants (tons)	~0	~0	3.1
	Lead in submarine cables (tons)	5,725	3,632	3,600
	Organic lead in polymers (tons)	1.3	52	24
	Lead in other products (tons), e.g. backup batteries and counterweights in robots	227	265	313
	Cadmium in industrial batteries (tons)	1.6	1.7	2.2
	Cadmium in rechargeable batteries (tons)	10	5.9	4.7
	Cadmium in lead alloy (tons)	4.3	2.7	2.5
	Cadmium in other uses (tons)	0.02	0.18	0.05
	Mercury in products (tons)	0.030	0.038	0.011
	SF ₆ insulation gas (inflow to ABB facilities) (tons)	1,052	968	962
	SF ₆ insulation gas (outflow to customers) (tons)	1,040	959	951
	No. of transformers with PCB oil in ABB facilities	2	3	6
	No. of capacitors with PCB oil in ABB facilities	0	0	0
	Mercury in instruments in ABB facilities (tons)	0.263	0.422	0.803
EN3	Direct energy consumption (Gigawatt-hours – GWh)			
	Oil (11.63 MWh/ton)	92	114	87
	Coal (7.56 MWh/ton)	0	0	0
	Gas	417	427	415
	Total direct energy used	509	542	502
EN4	Indirect energy consumption (Gigawatt-hours – GWh)			
	District heat consumption	195	223	259
	District heat: Losses at utilities	29	33	39
	Electricity consumption	1,447	1,335	1,321
	Electricity: Losses at utilities	1,999	1,844	1,824
	Total indirect energy used	3,670	3,436	3,442
	Megawatt-hours (MWh) per employee	16.9	18.0	17.9
EN8	Water withdrawal (kilotons)			
	Purchased from water companies	3,400	3,300	3,300
	Groundwater extracted by ABB	3,200	2,700	2,900
	Surface water extracted by ABB	2,600	2,900	2,700
	Total water withdrawal	9,200	8,900	8,900
EN16	Greenhouse gas emissions (kilotons CO₂ equivalent)			
	Scope 1			
	Energy	109	117	107
	SF ₆ (in CO ₂ equivalents)	263	247	263
	CO ₂ from transport by own fleet	350	350	350
	Scope 2			
	District heat consumption	43	49	57
	District heat: Losses at utilities	7	8	9
	Electricity consumption	309	293	290
	Electricity: Losses at utilities	427	405	400
	Scope 3			
	Air travel	185	160	N/A

¹Note that all data in this table, except LA1 for 2011, cover ABB facilities only.

GRI ref.	Indicator description	2011	2010	2009
EN19	Emissions of volatile organic compounds (tons)			
	Volatile organic compounds (VOC)	810	786	782
	Chlorinated volatile organic compounds (VOC-Cl)	13	11	5
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	68	84	64
	NO _x from burning coal	0	0	0
	NO _x from burning oil	51	63	48
	NO _x from burning gas	90	92	90
EN21	Discharge of process water (percentage of ABB plants)			
	Discharge to public sewer	N/A ²	84	72
	Discharge to recipient without treatment	N/A ²	3	9
	Discharge to own treatment plant	N/A ²	13	20
EN22	Waste (kilotons)			
	Scrap metal recycled	97	135	71
	Other waste recycled	39	44	46
	General waste sent for disposal	45	38	29
	Hazardous waste	9	9	6
EN23	Significant spills			
	Total number of spills	9	7	12
EN27	Products and services			
	Percentage of reclaimable material in products	90	90	90
Social		2011	2010	2009
LA1	Employment			
	Total workforce by region (ABB employees); 2011 data including Baldor			
	Europe	60,300	58,800	60,600
	The Americas	25,900	17,700	17,100
	Asia	37,400	30,900	29,900
	Middle East and Africa	10,000	9,100	8,500
	Total	133,600	116,500	116,100
	Total numbers of part-time employees included above			
	Europe	2,924 5%	3,133 5%	2,984
	The Americas	108 1%	143 1%	92
	Asia	106 <1%	183 1%	268
	Middle East and Africa	1 <1%	4 <1%	112
	Total	3,139 3%	3,463 3%	3,456
LA2	Employee turnover			
	Turnover of all employees, including part-time			
	Europe	5,712 10%	6,351 11%	10%
	The Americas	2,823 15%	2,567 16%	23%
	Asia	4,615 13%	4,346 14%	11%
	Middle East and Africa	854 14%	463 8%	5%
	Total turnover for whole Group	14,004 12%	13,727 12%	12%

GRI ref.	Indicator description	2011		2010		2009
	Turnover of all female employees, including part-time					
	Europe	1,364	2%	1,407	2%	1,439
	The Americas	531	3%	631	4%	635
	Asia	1,086	3%	1,060	4%	520
	Middle East and Africa	184	3%	51	<1%	19
	Total turnover for whole Group	3,165	3%	3,149	3%	2,613
LA7	Occupational health and safety					
	Fatalities, injuries, lost days, diseases					
	Employee work-related fatalities	0		1		1
	Incident rate	0		0.01		0.01
	Employee work-related serious injuries	22		15		27
	Incident rate	0.18		0.13		0.23
	Employee commuting/business travel fatalities	0		2		1
	Incident rate	0		0.02		0.01
	Employee commuting/business travel serious injuries	3		5		0
	Incident rate	0.02		0.04		0
	Contractor work-related fatalities	0		2		3
	Contractor work-related serious injuries	16		16		11
	Contractor business travel fatalities	0		0		0
	Members of the public fatalities	0		0		0
	Employee working days lost due to industrial incidents	9,478		8,362		7,633
	Employee occupational health diseases (number of cases)	7		13		47
	Employee total recordable incident rate	13.17		13.48		14.32
HR4	Non-discrimination					
	Total number of incidents of discrimination	5		6		0
	Total number of incidents of harassment	32		18		0
SO6	Public policy					
	Financial and in-kind political contributions	\$500		\$9,000		0
LA10	Training and education					
	Training per year per employee (average hours)					
	Brazil	25		26		28
	China	34		40		24
	Czech Republic	11		10		13
	Finland	13		13		24
	Germany	16		16		15
	India	5		4		3
	Italy	17		17		10
	Sweden	12		10		10
	Switzerland	17		20		20
	USA	25		25		25

²In order to improve the quality and depth of reporting, we have changed the water reporting this year. This means that the discharge of process water data cannot be included in the table above, as the 2011 data are not comparable with 2010 and 2009. See page 20 for reporting on water discharge.

GRI ref.	Indicator description	2011	2010	2009
LA13	Diversity and equal opportunity			
	Women in senior management (percentage)			
	Brazil	7%	7%	–
	China	25%	25%	–
	Czech Republic	18%	19%	–
	Finland	15%	17%	–
	Germany	7%	4%	–
	India	2%	2%	–
	Italy	7%	7%	–
	Sweden	22%	22%	–
	Switzerland	7%	7%	–
	US	16%	15%	–