## Summary of main performance indicators<sup>(1)</sup>

GRI ref.	Indicator description			
Environment	al	2013	2012	2011
EN1	Materials			
	Phthalates (tons)	21	28	47
	Brominated flame retardants (tons)	2.9	~0	~0
	Lead in submarine cables (tons)	7,236	5,633	5,725
	Organic lead in polymers (tons)	0.6	0.9	1.3
	Lead in other products (tons), e.g. backup batteries			
	and counterweights in robots	2,601	363	227
	Cadmium in industrial batteries (tons)	4.4	5.6	1.6
	Cadmium in rechargeable batteries (tons)	67.6	6.3	10
	Cadmium in lead alloy and other uses (tons)	5.7	4.5	4.3
	Mercury in products (tons)	0.012	0.011	0.030
	SF6 insulation gas (inflow to ABB facilities) (tons)	1,438	1,139	1,052
	$SF_6$ insulation gas (outflow to customers) (tons)	1,425	1,118	1,040
	No. of transformers with PCB oil in ABB facilities	1	1	2
	No. of capacitors with PCB oil in ABB facilities	60	32	C
	Mercury in instruments in ABB facilities (tons)	0.371	0.203	0.263
EN3	Direct energy consumption (Gigawatt-hours – GWh)			
	Oil (11.63 MWh/ton)	94	93	92
	Coal (7.56 MWh/ton)	4	0	C
	Gas	754	556	417
	Total direct energy used	852	649	509
EN4	Indirect energy consumption (Gigawatt-hours – GWh)			
	District heat consumption	251	219	195
	District heat: Losses at utilities	38	33	29
	Electricity consumption	1,705	1,599	1,447
	Electricity: Losses at utilities	2,355	2,208	1,999
	Total indirect energy used	4,349	4,058	3,670
	Megawatt-hours (MWh) per employee	19.0	18.1	16.9
EN8	Water withdrawal (kilotons)			
	Purchased from water companies	4,400	3,900	3,400
	Groundwater extracted by ABB	3,200	3,000	3,200
	Surface water extracted by ABB	2,700	2,800	2,600
	Total water withdrawal	10,300	9,700	9,200

<sup>(1)</sup>Note that data in this table for 2012 and earlier, except LA1 for 2012, do not include Thomas & Betts. Data for 2011 do not include Baldor.

	Indicator description					
		2013	2012	2011		
EN16	Greenhouse gas emissions (kilotons CO <sub>2</sub> equivalent)					
	Scope 1					
	Energy	179	137	109		
	$SF_6$ (in $CO_2$ equivalents)	280	332	263		
	Scope 2					
	District heat consumption	55	48	43		
	District heat: Losses at utilities	8	7	7		
	Electricity consumption	357	337	309		
	Electricity: Losses at utilities	493	465	427		
	Scope 3					
	Air travel <sup>(2)(3)</sup>	152	171	185		
EN19	Emissions of volatile organic compounds (tons)					
	Volatile organic compounds (VOC)	1,210	1,355	810		
	Chlorinated volatile organic compounds (VOC-Cl)	20	12	13		
EN20	Emissions of NO <sub>x</sub> and SO <sub>x</sub> (tons SO <sub>2</sub> and NO <sub>2</sub> )					
	SOx from burning coal	3	0	(		
	SOx from burning oil	69	69	68		
	NOx from burning coal	2	0	(		
			0	C C		
	NOx from burning oil	52	52			
	NOx from burning oil NOx from burning gas	• • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • •		
		52	52	51		
EN22		52	52	51		
EN22	NOx from burning gas	52	52	51		
EN22	NOx from burning gas Waste (kilotons)	52 163	52 120	51 90		
EN22	NOx from burning gas Waste (kilotons) Scrap metal recycled	52 163 	52 120 150	51 90  97		
<u>EN22</u>	NOx from burning gas Waste (kilotons) Scrap metal recycled Other waste recycled	52 163 163 185 52	52 120 150 41	51 90 97 97 35 45		
EN22	NOx from burning gas Waste (kilotons) Scrap metal recycled Other waste recycled General waste sent for disposal	52 163 163 185 52 50	52 120 150 41 43	51 90 97 35		
EN22 EN22	NOx from burning gas Waste (kilotons) Scrap metal recycled Other waste recycled General waste sent for disposal	52 163 163 185 52 50	52 120 150 41 43	51 90 97 97 39 45		

(2) 2013 data for air travel do not include Thomas & Betts.

<sup>(3)</sup> 2013 data for air travel are calculated using the emission factors published by UK Department of Environment, Food and Rural Affairs (DEFRA in its "2012 Guidelines to DEFRA/DECC's GHG Conversion Factors for Company Reporting. Data from 2012 and 2011 were calculated emissions factors provided by DEFRA in its 2009 Guidelines. Use of the 2012 factors gives a slightly lower total. For comparison, ABB's air travel emissions for 2012 calculated using the 2012 emission factors = 165 kton CO<sub>2</sub> equivalent.

GRI ref.	Indicator description						
Social			2013		2012		2011
LA1	Employment						
	Total workforce by region (ABB employees)						
	Europe	(	35,000	6	4,000	6	0,300
	The Americas	;	34,400	3	4,400	2	5,900
	Asia	;	39,400	3	3,300	Э	37,400
	Middle East and Africa		8,900		9,400	1	0,000
	Total	1	47,700	14	6,100	13	3,600
	Total numbers of part-time employees included above				•••••	••••••	
			4%	2,835	5%	2,924	5%
•••••		·····		· · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · ·	
	The Americas	330	1%	169	1%	108	<1%
•••••	Asia	1,311	4%	1,391	4%	106	<1%
	Middle East and Africa	186	3%	4	<1%	1	<1%
	Total	4,659	3%	4,399	3%	3,139	3%
LA2	Employee turnover						
	Turnover of all employees, including part-time						
	Europe	5,387	9%	5,083	8%	5,712	10%
	The Americas	4,760	14%	3,689	14%	2,823	15%
	Asia	4,681	13%	4,149	12%	4,615	13%
	Middle East and Africa	853	14%	911	15%	854	14%
	Total turnover for whole Group	15,681	11%	13,832	11%	14,004	12%
	Turnover of all female employees, including part-time						
	Europe	1,217	2%	1,218	2%	1,364	2%
	The Americas	1,026	3%	676	3%	531	3%
	Asia	1,261	3%	1,023	3%	1,086	3%
	Middle East and Africa	97	2%	70	1%	184	3%
	Total turnover for whole Group	3,601	3%	2,987	2%	3,165	3%
LA7	Occupational health and safety						
	Fatalities, injuries, lost days, diseases						
	Employee work-related fatalities		0		1		0
	Incident rate		0		0.01		0
	Employee work-related serious injuries		40		22		22
	Incident rate		0.27	•••••	0.16		0.18
	Employee commuting/business travel fatalities	·····	0	• • • • • • • • • • • • • • • • • •	1	• • • • • • • • • • • • • • • •	0
	Incident rate	·····	0	•••••	0.01	••••••	
	Employee commuting/business travel serious injuries	•••••••••••••••••••••••••••••••••••••••	4		0	••••••	
	Incident rate	•••••••••••••••••••••••••••••••••••••••	0	•••••			0.02
	Contractor work-related fatalities	·····	7				0.01
	Contractor work-related serious injuries		29				
	Contractor business travel fatalities		29		0		0
	Members of the public fatalities	•••••••			0	·····	0
	•••••••••••••••••••••••••••••••••••••••		10 501				
	Employee working days lost due to industrial incidents		10,591		0,345	••••••	9,478
	Employee occupational health diseases (number of cases)		10		10		10.:-
	Employee total recordable incident rate		10.94		13.04		13.17
	Employee lost time incident rate		4.70	l	4.80		5.70

GRI ref.	Indicator description					
		2013	2012	201 <sup>-</sup>		
HR4	Non-discrimination					
	Total number of incidents of discrimination	1	2	Ę		
	Total number of incidents of harassment	10	13	32		
SO6	Public policy					
	Financial and in-kind political contributions	0	\$30,000	\$500		
LA10	Training and education					
	Training per year per employee (average hours)					
	Brazil	25	27	25		
	Canada	18	22	21		
	China	27	31	34		
	Finland	18	14	13		
	Germany	16	16	16		
	India	12	18	5		
	Italy	19	16	17		
	Sweden	12	12	12		
	Switzerland	20	19	17		
	USA	28	24	25		
	Diversity and equal opportunity					
	Women in senior management (percentage)					
	Brazil	15%	16%	7%		
	Canada	15%	15%	17%		
	China	28%	27%	25%		
	Finland	17%	16%	15%		
	Germany	7%	7%	7%		
	India	2%	2%	2%		
	Italy	8%	7%	7%		
	Sweden	25%	24%	22%		
	Switzerland	8%	7%	7%		
	USA	15%	15%	16%		