



Performance

GRI Standards		Topics	Unit	2016	2017	2018	2019
102-8	Information on employees and other workers	Number of female directors	Person	2	2	2	2
102-22	Composition of the highest governance body and its committees	Average tenure of board member	Years	2.38	1.48	2.00	2.09
102-28	Evaluating the highest governance body's performance	Average board meeting attendance	%	97.00	95.39	96.67	95.00
102-28	Evaluating the highest governance body's performance	Number of non-executive / independent directors with 4 or less other mandates	Person	14	14	14	14
205-3	Confirmed incidents of corruption and actions taken	Number of breaches against code of conduct (breakdown required)	Case	0	0	0	0
405-1	Diversity of governance bodies and employees	Independent Director	Person	6	6	6	6
405-1	Diversity of governance bodies and employees	Other Non-executive Director	Person	8	7	8	8
405-1	Diversity of governance bodies and employees	Executive Director	Person	1	1	1	1
N/A	N/A	Number of independent or non-executive members with industry experience	Person	9	7	12	12
N/A	N/A	Government ownership	%	25.41	25.41	25.41	25.41
N/A	N/A	Family ownership - total voting rights	%	0.89	0.89	0.79	0.87



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102-43	Approach to stakeholder engagement	Satisfied customers	% of satisfied customers	90.79	92.21	93.30	92.42
N/A	N/A	Users's customer data is used for secondary (internal / commercial) purpose	%	0	0	0	0
N/A	N/A	Of customers had opt-in option in their standard contract	%	100	100	100	100
201-1	Direct economic value generated and distributed	Total employee related expenses (salaries + benefits)	MTHB	2,014	1,954	2,116	2,257
201-1	Direct economic value generated and distributed	Total revenue	MTHB	24,681	30,224	38,174	41,055
201-1	Direct economic value generated and distributed	Operating Expense	MTHB	17,891	22,467	32,082	31,921
N/A	N/A	Return on Equity (ROE)	%	10.45	14.05	22.60	12.76
415-1	Political contributions	Contributions in Lobbying, interest representation or similar	THB	0	0	0	0
415-1	Political contributions	Contributions in Local, regional or national political campaigns / organizations / candidate	THB	0	0	0	0
415-1	Political contributions	Contributions in Trade association or tax except groups	THB	372,435	446,761	376,189	377,344
415-1	Political contributions	Contributions in Other (e.g. spending related to ballots measures or referendums)	THB	0	0	0	0
415-1	Political contributions	Total contribution and other spendings	THB	372,435	446,761	376,189	377,344
415-1	Political contributions	Data Coverage of Total contribution and other spendings	% of MWh	67	72	80	100



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GRI Standards		Topics	Unit	2016	2017	2018	2019
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	Number of complaints received from outside parties and substantiated by organization	Number	0	0	0	0
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	Number of complaints from regulatory bodies	Number	0	0	0	0
N/A	N/A	Number of innovation project submit for contest	Number	0	0	28	22
N/A	N/A	Publicly report on number of requests for customer information received from government or law enforcement agency	Number	0	0	0	0
N/A	N/A	Critical suppliers acknowledge and consent to follow EGCO Group's Supplier Code of Conduct	%	100	100	100	100
N/A	N/A	Complaints related to corruption from suppliers	Cases	0	0	0	0
N/A	N/A	Supplier Fatality Rate	% of total suppliers	0	0	0	0



Performance

GRI Standards		Topics	Unit	2016	2017	2018	2019	External Assurance (X=Yes)
102-45	Entities included in the consolidated financial statements	Environmental reporting coverage	% of revenue	80	79	87	87	
302-0	Energy consumption within the organization	Total electricity and steam generation	MWh	10,708,653	11,004,699	13,223,341	14,210,403	
302-1	Energy consumption within the organization	a) Non-renewable fuels (nuclear fuels, coal, oil, natural gas, etc.) purchased and consumed	MWh	22,300,727	22,319,124	26,028,903	27,684,629	X
302-1	Energy consumption within the organization	b) Non-renewable electricity purchased	MWh	7,687	11,632	13,169	10,823	X
302-1	Energy consumption within the organization	c) Steam / heating / cooling and other energy (non-renewable) purchased	MWh	0	0	0	0	X
302-1	Energy consumption within the organization	d) Total renewable (wind, solar, biomass, hydroelectric, geothermal, etc) purchased or generated	MWh	633,493	726,201	745,296	711,818	X
302-1	Energy consumption within the organization	e) Total non-renewable energy (electricity, heating & cooling) sold	MWh	10,075,160	10,278,499	12,478,045	13,438,584	X
302-1	Energy consumption within the organization	Total non-renewable energy consumption	MWh	12,233,254	12,052,257	13,564,027	14,256,868	X
302-1	Energy consumption within the organization	Total cost of energy consumption	MTHB	9,889	13,991	19,551	21,725	
302-3	Energy intensity	Energy intensity	GJ/MWh	4.00	3.82	3.57	3.50	
303-1	Water withdrawal by source	a) Withdrawal: Total municipal water suppliers (or from other water utilities)	Million cubic meters	0	0	0.99	1.12	X
303-1	Water withdrawal by source	b) Withdrawal: Fresh surface water (lakes, rivers, etc.) excluding seawater	Million cubic meters	2.60	2.49	4.88	4.82	X
303-1	Water withdrawal by source	c) Withdrawal: fresh groundwater	Million cubic meters	0.04	0.03	0.03	0.03	X
303-1	Water withdrawal by source	d) Discharge: Water returned to the source of extraction at similar or higher quality as water extracted (only applies to B and C) excluding wastewater, rainwater	Million cubic meters	0.59	1.18	0.83	0.59	X
305-1	Direct (Scope 1) GHG emissions	Total direct GHG emissions (scope 1)	Metric tonnes CO ₂ equivalent	6,247,557	5,828,891	6,664,845	7,034,130	X
305-2	Energy indirect (Scope 2) GHG emissions	Total indirect GHG emissions (scope 2)	Metric tonnes CO ₂ equivalent	4,409	6,762	8,670	7,137	X



Performance

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305-4	Direct (Scope 1) GHG emissions intensity	Direct GHG emissions (scope 1) intensity	Ton CO ₂ eq/MWh	0.58	0.53	0.50	0.49	
305-4	GHG emissions intensity (Scope 1&2)	GHG emissions intensity (scope 1 &2)	Ton CO ₂ eq/MWh	0.58	0.53	0.50	0.50	
305-7	Nitrogen oxides (NO _x), sulfur oxides (SO _x), and other significant air emissions	NO _x Emissions	Metric tonnes	6,041	6,385	6,746	7,649	X
305-7	Nitrogen oxides (NO _x), sulfur oxides (SO _x), and other significant air emissions	SO _x Emissions	Metric tonnes	5,386	4,047	5,945	6,661	X
305-7	Nitrogen oxides (NO _x), sulfur oxides (SO _x), and other significant air emissions	Direct Mercury Emissions	Metric tonnes	0.0159	0.0197	0.0072	0.0087	X
305-7	Nitrogen oxides (NO _x), sulfur oxides (SO _x), and other significant air emissions	Dust Emissions	Metric tonnes	581	782	524	584	X
305-7	Nitrogen oxides (NO _x), sulfur oxides (SO _x), and other significant air emissions	SF ₆ Emission	Metric tonnes	0.0002	0.0422	0.1000	0.0000	X
306-2	Waste by type and disposal method	a) Total waste generated	Metric tonnes	70,909	48,513	46,268	47,148	X
306-2	Waste by type and disposal method	b) Total waste used/recycled/sold	Metric tonnes	38,453	29,226	30,444	32,456	X
306-2	Waste by type and disposal method	Total waste disposed (a-b)	Metric tonnes	32,456	19,287	15,824	14,692	X
306-2	Waste by type and disposal method	Ash and Gypsum Waste composted, reused, recycled, or recovered	%	61	63	68	70	X
306-3	Waste by type and disposal method	Hazardous waste generated	Metric tonnes	128	221	111	116	X
307-1	Non-compliance with environmental laws and regulations	Environmental violations	Cases	0	0	0	0	
N/A	N/A	ISO14001 certified	% of MWh			47.6	48.6	
N/A	N/A	Third party certification/audit	% of MWh	87.0	86.0	0.0	0.0	
N/A	N/A	Internal audit	% of MWh			47.0	47.2	
N/A	N/A	Total actual and opportunity costs from water related incidents	THB	0	0	0	0	
308-1	New suppliers that were screened using environmental criteria	Percentage of suppliers that were screened using environmental criteria	%	30.76	30.23	41.37	100	

Note : External Assurance [https://www.egco.com/uploads/finder/files/20200312-egco-sd2019-en-01\(1\).pdf#page=151](https://www.egco.com/uploads/finder/files/20200312-egco-sd2019-en-01(1).pdf#page=151)



Performance

GRI Standards		Topics	Unit	2016	2017	2018	2019	External Assurance (X=yes)
102-8	Information on employees and other workers	Total FTE	Person	653	954	1,117	1,197	
102-8	Information on employees and other workers	Female shares of total workforce	%	30.35	27.26	23.14	21.86	
102-8	Information on employees and other workers	Females in all management positions, including junior, middle and senior management	% of total management workforce	32.98	32.06	36.17	36.09	
102-8	Information on employees and other workers	Females in junior management positions i.e. first level of management	% of total management junior management positions	35.45	36.72	39.72	38.36	
102-8	Information on employees and other workers	Females in top management positions, i.e. maximum two levels away from CEO	% of total top management positions	N/A	N/A	25.00	23.81	
102-8	Information on employees and other workers	Females in management positions in revenue-generating functions (excluding support function)	% of all such managers	N/A	N/A	23.80	21.43	
102-41	Collective bargaining agreements	% of employees represented by an independent trade union or covered by collective bargaining agreements:	%	100	100	100	100	
102-45	Entities included in the consolidated financial statements	Social reporting coverage	% of revenue	80	79	87	87	
401-1	New employee hires and employee turnover	Total employee turnover rate	% of total employees	2.76	4.30	2.86	4.93	
401-1	New employee hires and employee turnover	Voluntary employee turnover rate	% of total employees	2.14	3.25	2.86	2.01	
401-1	New employee hires and employee turnover	Female turnover rate	% of total turnover employees	3.33	4.41	5.02	7.38	
401-1	New employee hires and employee turnover	Male turnover rate	% of total turnover employees	2.54	4.26	2.21	4.21	
401-3	Parental leave	Employee taken parental leave	Person	7	6	11	19	



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GRI Standards		Topics	Unit	2016	2017	2018	2019	External Assurance (X=yes)
403-2	Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities	Fatalities Employees	Person	0	0	0	0	X
403-2	Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities	Fatalities Contractors	Person	0	0	0	0	X
403-2	Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities	LTIFR Employees	Cases/million hours worked	0.00	0.00	0.00	0.00	X
403-2	Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities	LTIFR Contractors	Cases/million hours worked	0.30	0.00	0.25	0.00	X
N/A	N/A	Employee engagement	% of actively engaged employees	56	56	56	44	
N/A	N/A	Data Coverage: Employee engagement	% of total employees	93	93	93	86	
N/A	N/A	Human Capital Return on Investment : HCROI	-	4.37	4.96	3.87	5.04	
404-1	Average hours of training per year per employee	Average hours of training per year per employee	Hour/person	45.28	48.91	30.45	30.83	
404-3	Percentage of employees receiving regular performance and career development reviews	Employee performance review	%	100	100	100	100	
406-1	Incidents of discrimination and corrective actions taken	Incidents of discrimination	Cases	0	0	0	0	
410-1	Security personnel trained in human rights policies or procedures	Percentage of security personnel who have received formal training in the organization's human rights policies or specific procedures and their application to security	%	100	100	100	100	
411-1	Incidents of violations involving rights of indigenous peoples	Incidents of violations involving rights of indigenous peoples	Cases	0	0	0	0	
412-1	Operations that have been subject to human rights reviews or impact assessments	Percentage of operations that have been subject to human rights reviews/assessment	% of operation	N/A	N/A	100	100	



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412-2	Employee training on human rights policies or procedures	Percentage of employees trained during the reporting period in human rights policies or procedures concerning aspects of human rights	%	100	100	100	100	
413-1	Operations with local community engagement, impact assessments, and development programs	Percentage of operations with implemented local community engagement	%	100	100	100	100	
414-1	New suppliers that were screened using social criteria	Percentage of new suppliers that were screened using social criteria	%	30.76	30.23	41.37	100	
414-2	Negative social impacts in the supply chain and actions taken	Percentage of suppliers assessed for social impacts	%	N/A	N/A	100	100	
414-2	Negative social impacts in the supply chain and actions taken	Percentage of suppliers identified as having significant actual and potential negative social impacts	% of supplier assessed for impacts	N/A	N/A	9.00	6.80	
419-1	Non-compliance with laws and regulations in the social and economic area	Significant finds and non-monetary sanctions for non-compliance with laws and/or regulations in the social and economic area	THB	0	0	0	0	
N/A	N/A	Cash contributions	THB	511,000,000	472,000,000	228,381,811	166,703,076	
N/A	N/A	Time: employee volunteering during paid hours	THB			8,971,787	9,964,103	
N/A	N/A	In-kind giving: products or services donations, projects/ partnership or similar	THB			67,481,67	2,296,184	
N/A	N/A	Management Overheads	THB			N/A	N/A	22,359,330

Note : External Assurance [https://www.egco.com/uploads/finder/files/20200312-egco-sd2019-en-01\(1\).pdf#page=151](https://www.egco.com/uploads/finder/files/20200312-egco-sd2019-en-01(1).pdf#page=151)