

Cia Energetica de Minas Overall score 48/ Gerais

ISIN CODE: BRCMIGACNPR3

Sector: Electric & Gas Utilities Emerging Market

Companies in sector panel: 46

General information

Cia Energetica de Minas Gerais (Cemig) is one of the largest electricity generators in Brazil, with 63 hydroelectric power plants, three thermoelectric power plants and four wind farms. Cemig operates in transmission, distribution, exploration and distribution of natural gas and data transmission. The Company was founded on May 22th, 1952 and is headquartered in Belo Horizonte, Brazil.

Information rate: 79% (Sector average: 50%) Company cooperation level: Responsive

Turnover 2014
37.0 %
56.7 %
3.6 %

Overall CSR performance & trends

Overall score : 48/100		Environment	Human Resources	Human Rights			
60-100/100 Advanced	100						
50-59/100 Robust	- 75						
30-49/100 Limited		-		_		L	
0-29/100 Weak	25		+	- T-	+		
Overall score Trend	0 Scores/Trends	62 7	42 →	57 7	44 →	55 →	30 →
\rightarrow +4 points	Ratings	++	+	++	+	++	=
	Controversies	No	No	No	No	No	No
	Risk management	Advanced	Limited	Robust	Limited	Robust	Limited
Overall Rank in sector : 3/46	Sector per	formance	Company	performance	R	ating: min /	′ max ++

- Cemig's overall management of CSR challenges is considered to be limited (48/100) in absolute terms. The score has slightly increased compared to the last review (44/100).
- Cemig's approach to tackle its ESG impacts is heterogeneous. The Company shows a limited performance in the Social and Governance pillars, and an advanced performance in the Environmental pillar.
- As of 2016/03/21, a review of stakeholder sources did not reveal any major allegation against Cemig during the period under review.

Company inclusion in Vigeo Indices***

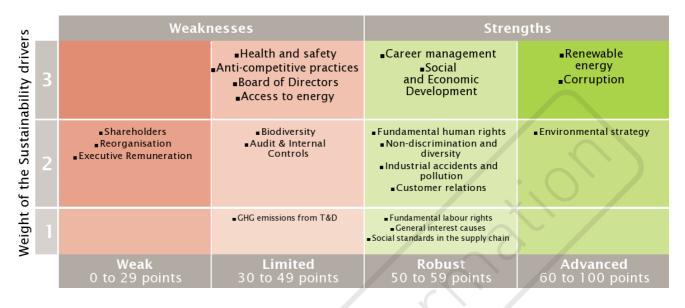


On a 4-level scale: proactive, responsive, partially responsive, not responsive See detailed economic indicators in Selected financial data section

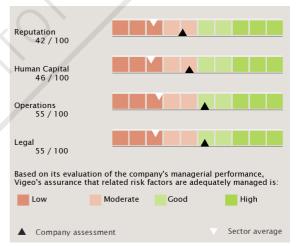
Based on the most recent Index at the date of publication



Management of Risks and Opportunities



- Prevention of **Corruption** represents a strength for Cemig. The Company has set up internal controls to prevent the issue, including a confidential reporting system for which employees can anonymously report any fraud or corruption case. Moreover, Cemig has established the Ethics Commission which is mainly responsible of related issues. Therefore, the Company is remarkably working towards preventing itself from falling in any corruption case that may impact its reputation and shakes its position as the largest electricity generator in Brazil.
- Cemig's robust performance on **Social and economic development** is identified as an area of opportunity for the Company. Cemig has formalised its commitment towards promoting local social and economic development and has allocated significant means to mitigate the impacts of its operations. Therefore, the Company has shown a serious respect for community involvement which will positively impact its reputation and operations.



- **Renewable energy** sources, represented mostly by hydro, represented more than 97% of Cemig's electricity generation over the past three years. Moreover, the Company is involved in additional projects in both hydro and solar. This may be regarded as an opportunity for the Company to keep its carbon factor at a low level for the years to come, thus positively impacting its reputation and lower its environmental footprint.
- However, with hydroelectric plants representing a total installed capacity of more than 7GW, protection of **biodiversity** could represent a risk for the Company on account of the important footprint dams can have on the local region. The Company has reported training programmes, environmental impact assessments, land remediation and fish protection programmes but the Company can work on its commitment towards biodiversity protection by covering the main impacts of its activities and engage with independent and representative stakeholders in this regard.

* We consider legal security as an element of a company's tangible or intangible assets. We define legal risk as the potential impact - negative or positive - on these assets, considering the management of CSR issues possibly involving the company's legal responsibility. Under no circumstances should our opinion be construed as a due diligence or an assurance in the meaning of regulations such as, for instance, the Sarbanes-Oxley Act in the USA or the Loi de Sécurité Financière in France



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Company performance in all the Sustainability Drivers

	Weight of th Sustainabili driver	Overall score 48/100	Trend	Score
		Environment	7	62
ENV1.1	2	Environmental strategy	7	75
ENV1.2	2	Industrial accidents and pollution	7	53
ENV1.3	3	Renewable energy	\rightarrow	77
ENV1.4	2	Biodiversity	↗	45
ENV2.2	1	GHG emissions from T&D	7	40
ENV2.4	3	Air emissions from combustion power plants		N/R
ENV3.1	2	Energy demand-side management		N/R
		Human resources	\rightarrow	42
HRS1.1	1	Social Dialogue		N/R
HRS2.3	2	Reorganisation	\rightarrow	12
HRS2.4	3	Career management	\rightarrow	55
HR\$3.2	3	Health and safety	\rightarrow	49
		Human rights	₹	57
HRT1.1	2	Fundamental human rights	\rightarrow	58
HRT2.1	1	Fundamental labour rights	\rightarrow	58
HRT2.4	2	Non-discrimination and diversity	7	55
		Community involvement	→	44
CIN1.1	3	Social and Economic Development	N	52
CIN2.1	3	Access to energy	→	32
CIN2.2	1	General interest causes	7	57
		Business behaviour (c&s)	→	55
C&S1.3	2	Customer relations	↗	53
C&S2.4	1	Social standards in the supply chain	\rightarrow	57
C&S3.1	3	Corruption	\rightarrow	65
C&S3.2	3	Anti-competitive practices	7	47
		Corporate governance	→	30
CGV1.1	3	Board of Directors	Ľ	39
CGV2.1	2	Audit & Internal Controls	\rightarrow	43
CGV3.1	2	Shareholders	7	25
CGV4.1	2	Executive Remuneration	7	10
_ `				
Weak	(0-29)	Limited (30-49/100) Robust (50-59/100) Advanced (60-7)	100/	100)
🕞 Invol	vement	in allegations 🛛 😚 Involvement in allegations with evidence of corrective measures		

N/R means that this Sustainability Driver is not analysed for this Company

Selected financial data

Key data	Net operating revenue	EBIT	Employees
2014	BRL 19,540m	BRL 5,580m	7,922
2013	BRL 14,627m	BRL 4,363m	7,922
2012	BRL 14,137m	BRL 3,475m	8,368
2011	BRL 12,393m	BRL 3,804m	8,706
2010	BRL 13,790m	BRL 3,559m	8,859
Main sha	areholders		2016
State of	Minas Gerais		51 %
Andrade	e Gutierrez Conces	sões SA	33 %
Banco Classico SA			9.5 %
BTG Pac	tual Asset Manage	ment S/A DTVM	9 %
<u></u>		5	Envelopment

breakdown	Revenue 2014	Employees 2014	
Brazil	100 %	100 %	
All Economic Segments		Turnover 2014	
Generation		37.0 %	
Distribution		56.7 %	
Transmission		3.6 %	
Gas		1.7 %	
Telecom and others		1.0 %	

Selected ESG Indicators

	2014
Non-executive Board member(s) responsible for CSR issues	Yes
Executive remuneration linked to CSR performance	Yes
Carbon factor (3-year trend)	ì
Percentage of independent Board members	6
Percentage of women on Board	0
Percentage of women in Executive team	12
Percentage of women in workforce	12
3 year trend for safety at work	ì
Involvement in armament	No
Management of social risks in supply chain	Robust

N/A means that the data is not available.



Involvement in disputable activities: summary

This section is dedicated to disputable activities in which the company is involved. 9 disputable activities are analyzed (see list below) following 30 parameters Additional analysis and full database access are available as an option

For more information please contact us at customer.service@vigeo.com

	Level of involvement	% of revenues
Alcohol		%
Animal maltreatment		%
Armament		%
Hazardous chemicals		%
Gambling		%
GMOs in food & feed		%
Nuclear energy		%
Sex industry		%
Tobacco		%

A company?'s level of involvement (Major, Minor, No) in a disputable activity is based on:

- An estimation of the revenues derived from disputable products or services
- The precise nature of the disputable products or services provided by the company

Sector performance
 Company performance
 Rating: min -- / max ++

CSR performance per domain

ENVIRONMENT

100

75

50

25

0

Score

62

Allegations

No

Rating

++

Risk management

Advanced

Key issues

Electricity and Gas Transmission & Distribution companies have their responsibilities in tackling climate change and protecting the environment (ENV 1.1). Companies are expected to increase their efforts to improve the efficiency of their networks as well as mitigate fugitive air emissions (SF6 emissions from power lines and CH4 emissions for gas pipelines) (ENV2.2). In addition, the operation of such linear infrastructures (pipelines, high-voltage lines, etc.) adds responsibility for the company to protect biodiversity through the entire lifecycle of its activities (ENV 1.4). Finally, companies with end-use customers are expected to promote energy efficiency measures for their customers, therefore ensuring energy savings that will contribute to the fight against climate change (ENV 3.1).

Company performance

- The Company's performance in the Environment domain is advanced in absolute terms.

- The domain's score has increased by 14 points compared to the previous review. - In this actual reporting, the Company has formalised its commitment to environmental protection and has set targets in this regard. In addition, the Company has committed to take into account accidental pollution prevention during its operations, developing renewable energy, and protect biodiversity. Cemig energy generation from renewable sources has increased over the past three years.

HUMAN	RESOURCES	
100		2016
75		
50		
25		
0		
Score		42
Allegation	s	No
Rating		+
Risk mana	gement	Limited
		$\langle \cdot \rangle$

HUMAN RIGHTS 2016 75 50 25 0 Score 57 Allegations No Rating ++ Risk management Robust

Key issues

Safeguarding the safety and health of employees and contractors (HRS3.2) remains a key risk factor in the sector, and this includes the prevention of stress, which is an emerging issue in the sector. Similarly, anticipating the ageing workforce and subsequent leaving of highly skilled workers on retirement through the development of career management and promotion of employability represents a major sector challenge (HRS2.4). Implementing and maintaining sound systems to guarantee social dialogue that promote labour relations is important to the Electric & Gas Utilities sector, that traditionally benefits from strong well-established industrial relations (HRS1.1). The sustainability driver related to the management of reorganisations is deactivated for companies that account for less than 5,000 employees and that do not appear to have been under or to be planning to engage into a reorganisation process.

Company performance

- The Company's performance in the Human Resources domain is limited in absolute terms.

- The domain's score has remained stable compared to the previous review.

- The Company has committed to promote career management and training and the number of training hours per employee has increased over the last three years. The Company has issued a formalised commitment to health and safety issues and the rate of absenteeism has decreased over the last three years. However, Cemig does not seem to disclose any commitment to manage reorganisations responsibly.

Key issues

Companies with operations in weak governance zones and which are involved in large-hydro projects, mining activities, or gas exploration, tend to be more exposed than others to violations of stakeholders' fundamental human rights (HRT 1.1). Electric & Gas Utilities are expected to also have policies and management systems in place, e.g. information, training, risk-mapping, to deal with labour rights issues in their countries of operation and guarantee freedom of association and the right to collective bargaining (HRT 2.1). Finally, the industry remaining largely male dominated, discrimination needs to be banned and diversity promoted if companies want to increase their competitiveness as well as attract and retain talents (HRT 2.4).

Company performance

- The Company's performance in the Human Rights domain is robust in absolute terms.

- The domain's score has increased by 6 points compared to the previous review.
- The Company has issued a formalised commitment to respect and promote human

rights in society and to freedom of association and the right to collective bargaining. In this actual reporting, the Company has issued a formalised commitment to preventing discrimination and has set up significant measures to address that. The percentage of disabled employees has increased over the past three years.

COMMUNITY INVOLVE	MENT
100	2016
75	
50	
25	
0	
Score	44
Allegations	No
Rating	+
Risk management	Limited

Key issues

Electricity and gas transmission companies' main responsibilities in the Community Involvement domain is the involvement in access to energy programmes in developing countries through the participation in collaborative projects with relevant stakeholders, the allocation of resources to provide capacity building, and the support to renewable energies (CIN 2.1). On top of that, in their regions of operations, electricity and gas transmission companies are expected to deal with the disruptive impacts of their operations and promote the local social and economic development through the evaluation and monitoring of the social impacts of operations on communities, the support to social programmes and the reinforcement of the local content of operations (CIN 1.1).

Company performance

- The Company's performance in the Community Involvement is limited in absolute terms.

- The domain's score has remained stable compared to the previous review.

- The Company has issued a formalised commitment to promote social and economic development and has allocated significant measures in this regard. Moreover, the Company has committed to address the access to energy in developing countries and to supporting general interest causes. However, community investments have decreased over the last two years.



Key issues

Electric & Gas companies operate in highly regulated markets. As a result, these companies are frequently involved in the political processes, highlighting the importance of issues such as the transparency and integrity of influence strategies and practices - lobbying (C&S 3.3) and prevention of corruption and of conflicts of interest (C&S 3.1). In a context of increasing competition, old incumbent operators may be tempted to violate competition rules (C&S 3.2) to keep their dominant position. In addition, as sector companies rely extensively on suppliers for fuel, notably coal, natural gas and uranium, the integration of social and human rights factors in the selection and management of these actors is also of major importance (C&S 2.4).

Company performance

- The Company's performance in the Business Behaviour domain is robust in absolute terms.

The domain's score has remained stable compared to the previous review.

- The Company has issued a formalised commitment to preventing corruption and has set up internal controls to prevent the issue which is implemented in all significant parts of the Company. In addition, Cemig has issued a formalised commitment on responsible contractual agreements and to include social factors in supply chain management. The Company has committed to preventing anti-competitive practices and no antitrust incidents were reported internally during the period under review.



CORPORATE GOVERNANCE	
100	2016
75	
50	
25	_+_
0	
Score	30
Allegations	No
Rating	=
Risk management	Limited

Key issues

Corporate governance is critical to ensuring that a well-functioning system of checks and balances protects the interests of all of the company's stakeholders. The effectiveness of the Board of Directors (CGV1.1) is a key issue to be addressed: this can be gleaned from information on Board composition (independence and competencies) and its way of functioning (regularity of Board meetings, evaluation of performance). Other important corporate governance factors include the effectiveness of the Audit and Internal control system (CGV2.1), the protection of Shareholders Rights (CGV3.1) and the establishment of Executive Remunerations (CGV4.1) which align executives' and company's interests.

Company performance

- The Company's performance in the Corporate Governance domain is limited in absolute terms.

- The domain's score has remained stable compared to the previous review.

- The board of directors is only 6% independent and has a Corporate Governance and Sustainability Committee that is responsible of CSR issues. The Audit Committee has a limited role and shareholders' ability to vote is restricted. The executive remuneration is disclosed but on a collective basis and bonuses are linked to different CSR indicators.



11

15

19

Detailed analysis

Environment

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ENV1.3	Development of renewable energy	12
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Human Resources

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Communi	ity Involvement	23
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CIN2.1	Promotion of access to energy and prevention of fuel poverty	24
<u>CIN2.2</u>	Contribution to general interest causes	25

Business Behaviour (C&S)		26
C&S1.3	Responsible Customer Relations	26
C&S2.4	Integration of social factors in the supply chain	27
C&S3.1	Prevention of corruption	29
C&S3.2	Prevention of anti-competitive practices	30

Corporate	Governance	31
CGV1.1	Board of Directors	31



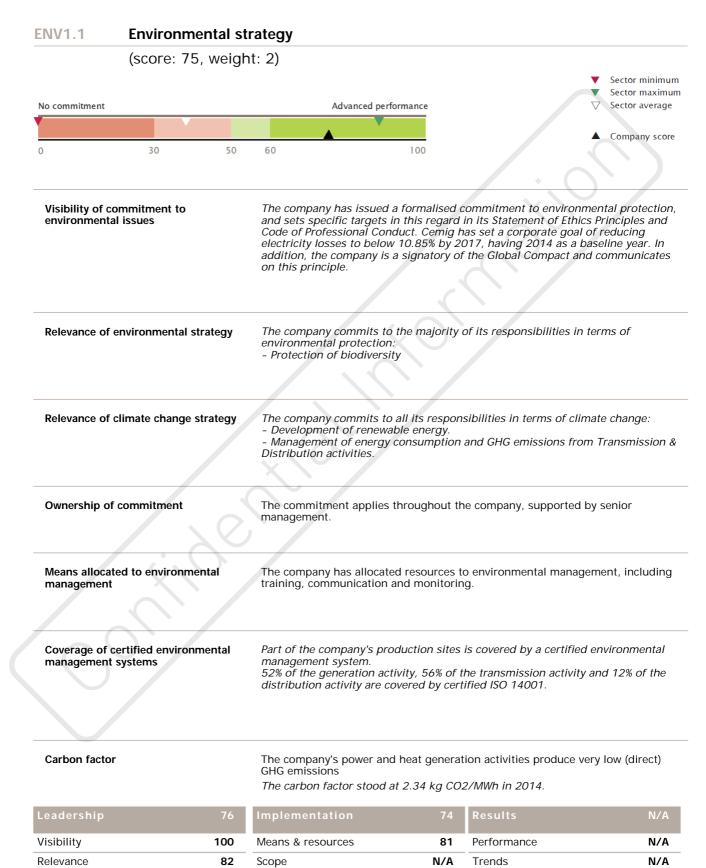
CGV2.1	Audit & Internal Controls	33
CGV3.1	Shareholders	33
CGV4.1	Executive Remuneration	34

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Environment

Score : 62



30

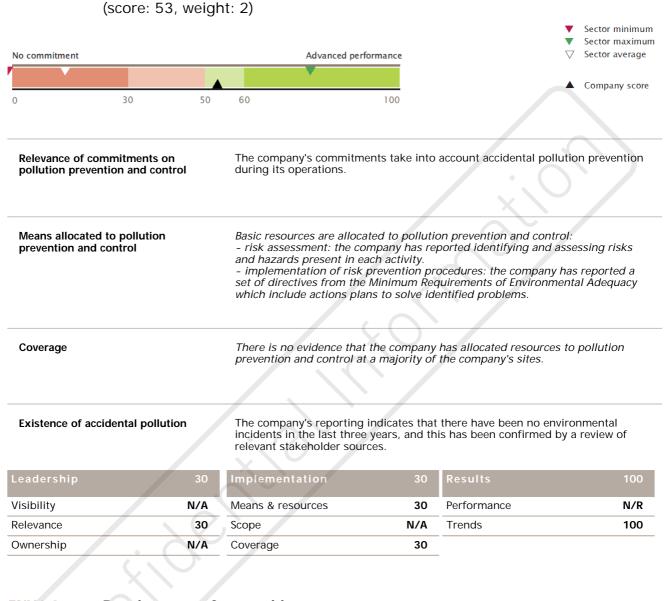
Coverage

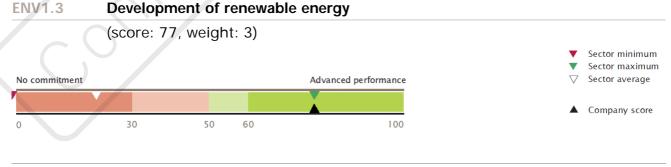
Ownership

65



ENV1.2 Pollution prevention and control (soil, accident, industrial safety, nuclear)





Relevance of the company's commitment in terms of renewable energy.

The company's commitment on developing renewable energy is general. The company has reported several projects including Belo Monte Hydroelectric Plant (818 MW) and solar systems (4.5 MW).



Installed capacity in renewable energy sources

In 2014, the company had an installed capacity of renewable sources of 7,330 MW, representing thus 95.53% of its total installed capacity.

Performance

Energy generation from renewable sources was at 97.2% in 2014.

Leadership	30	Implementation	100	Results	100
Visibility	N/A	Means & resources	100	Performance	100
Relevance	30	Scope	N/A	Trends	N/A
Ownership	N/A	Coverage	N/A		

ENV1.4 Protection of biodiversity

(score: 45, weig	ht: 2)		
No commitment	Advanced performance	▼ Sector minimum▼ Sector maximum∇ Sector average	
		▲ Company score	
0 30 50	60 100		
Relevance of the commitment	The company's commitment towards biodiversity prot	ection is general.	
Managerial tools allocated to integrate biodiversity in the management of operations	The company has implemented some measures to ide integrate biodiversity in the management of its operat - Training employees on biodiversity: the company ha Biodiversity Policy raising awareness among its employ programmes. - Environmental impact assessments: the company ha environmental impact assessments for its new project	tions such as: as reported in its yees through education as reported conducting	
Local measures taken to protect biodiversity on operation sites	The company has implemented some measures to limit the impacts of its operations on biodiversity such as: - fish protection programmes: the company has reported the "Peixe Vivo Program" through which the company has released more than 800,000 fingerlings reducing, every month, by about 78% the fish biomass affected by Cemig's hydro power plants. - land remediation: the company has reported a reforestation programme.		
Coverage of local measures allocated to protect biodiversity on operation sites	The company has implemented these measures in a n The company has reported that the fish protection pro remediation are implemented respectively throughout hydroelectric facilities and electric network.	ogramme and land	

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Results with regard to biodiversity protection	Indicators of biodiversity are monitored by (or in cooperation with) an external party and are on a positive trend, on a short-term perspective. Indicators of biodiversity are monitored by an external party and are on a positive trend, on a short-term perspective. The company has disclosed quantitative indicators regarding its affected biomass which was decreasing continuously over the past three years from 3180 Kg in 2012 to 787 Kg in 2014.
Stakeholders' feedback	A review of stakeholder sources did not reveal any allegations against the company during the period under review: stakeholders' feedback is neutral.

Leadership	30	Implementation	41	Results	65
Visibility	N/A	Means & resources	30	Performance	65
Relevance	30	Scope	N/A	Trends	65
Ownership	N/A	Coverage	65		

ENV2.2 Management of energy consumption and GHG from Transmission & Distribution activities

(score: 40, weigh	it: 1)		
o commitment	Advanced performance	 Sector minimun Sector maximur Sector average 	
30 50	60 100	▲ Company score	
Relevance of the company's commitment in terms of improving its network energy efficiency.	The company has set quantified targets with regard efficiency, and these cover the entire group. The company has set a corporate goal of reducing e 10.85% by 2017, considering 2014 as the baseline y	electricity losses to below	
Relevance of the company's commitment on GHG emissions related to Transmission & Distribution activities.	The company's commitment to reduce its Greenhouse Gas (GHG) emissions related to Transmission & Distribution activities is general as no quantified targets have been disclosed.		
Means allocated to improve energy efficiency and reduce GHG emissions from Transmission and Distribution activities	The company has set up monitoring systems for its and has implemented an assets replacement progra Cemig has reported upgrading its sub-transmissior installation of new distribution transformers that re- about 80%. Of note, the company has reported the "Cities of the involves the development of Smart Grids in Latin An	mme to reduce its impacts. In system, and the duce no-load losses by Pe Future Program" that	
	The company's measures sover its entire network		

Coverage

The company's measures cover its entire network.



Greenhouse Gas emissions linked to electric T&D activities	The company's GHG emissions related to the company's electricity T&D activities, normalised to total electricity consumption, have increased over the past three years by 97% from 68.60 tCO2 per GWh in 2012 to 135 tCO2 per GWh in 2014.
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Energy losses along the company's electricity network The company's Net Electricity Losses have decreased but not continuously over the past three years by 0.11 percentage point from 11.11% in 2012 to 11% in 2014.

Leadership	48	Implementation	58	Results	15
Visibility	N/A	Means & resources	30	Performance	15
Relevance	48	Scope	N/A	Trends	N/A
Ownership	N/A	Coverage	100		

ENV2.4 Management of energy consumption and air emissions from fossil-based Generation activities (deactivated)

Thermal generation represents 29.17% of the company's installed capacity. Therefore, this sustainability driver is deactivated.

ENV3.1 Energy demand-side management

(deactivated)

This Sustainability Driver is only analysed for large companies in the Electric and Gas Utilities Emerging Market sector, it is therefore not analysed for this company.

Human Resources

Score : 42

HRS1.1

Promotion of labour relations

(deactivated)

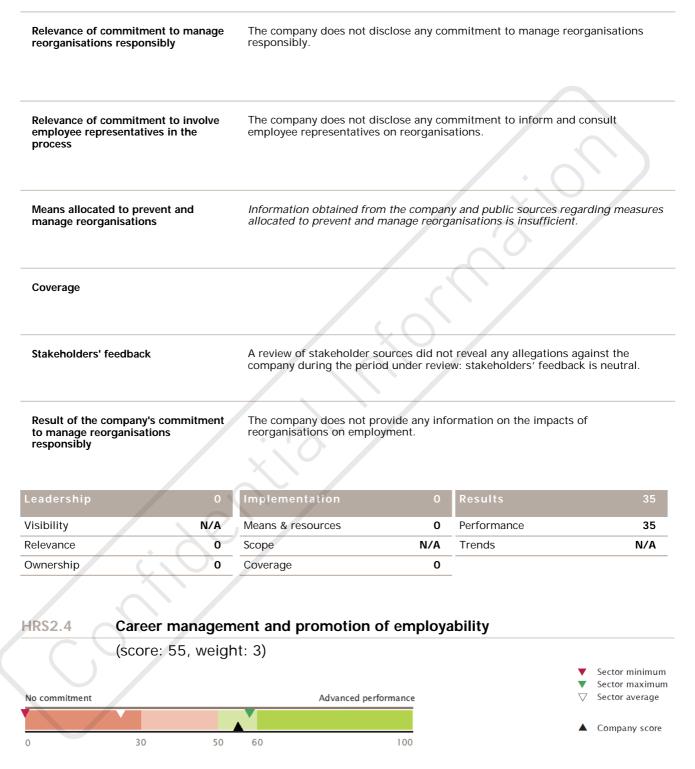
This sustainability driver is only analysed for large companies in the Electric and Gas Utilities Emerging Market sector. It is thus not assessed for this company.







The company does not report any information about any employees' layoffs during the period under review, and no information was found in the media about any restructurings carried out by the company.



Visibility of commitment

The company has issued a largely publicised, formal commitment to promote career management and training which is publicly available in its Human Resources Policy.

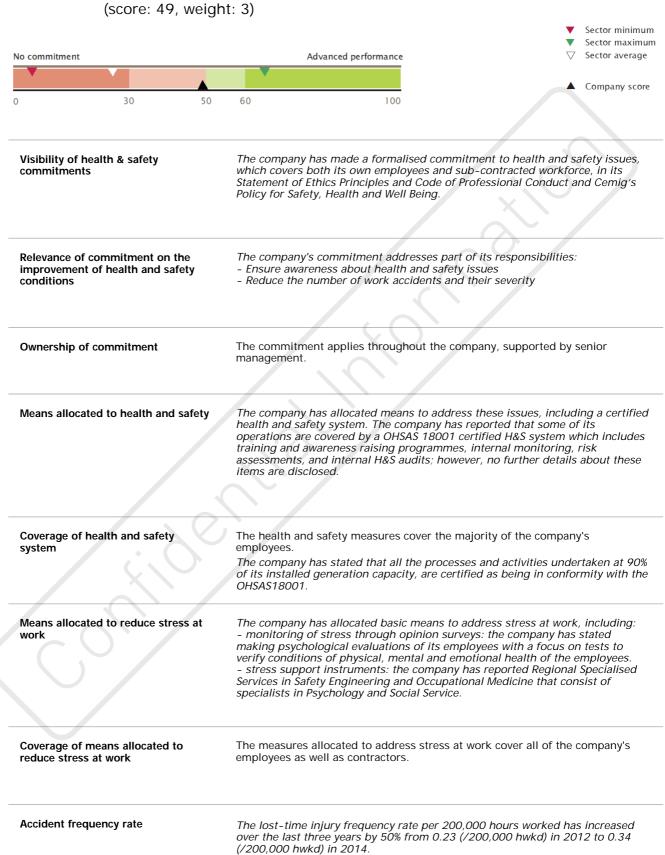


	addresses its main responsibilities: - Anticipate short and long-term employment needs and skill requirements - Adapt employees' skill sets to their career paths - Put in place a concerted career management framework, which is transparent and individualised
Ownership of commitment	The Head of Human Resources is part of the company's Board and line managers are evaluated on their performance in terms of human resources management.
Career management systems	The company has set up an internal job opportunity marketplace and employees have annual performance assessments. Cemig has disclosed the Succession Management Programme which aims at planning the replacement o those in leadership positions and identifying potential successors with suitable profiles for the required competencies.
Coverage of career management systems	These career management systems cover all of the company's employees.
Types of training provided to non-managers	The training programmes are mostly aimed at adapting employees' skills to the requirements of their current position.
Means allocated to training for all employees	The number of training hours per employee has increased by 34% over the past three years from 35.5 hours in 2012 to 49.37 hours in 2014.
Mobility / turnover	The company's employee turnover rate has increased over the past three years by 0.65 percentage point from 2.06% in 2012 to 2.71% in 2014. Of note, a total of 207 new employees were hired under public exams and 217 people left the Company, most for retirement.
Training delivered during the year under review	The percentage of employees who received training in 2014 is not disclosed.

Leadership	83	Implementation	65	Results	18
Visibility	100	Means & resources	65	Performance	18
Relevance	65	Scope	30	Trends	N/A
Ownership	100	Coverage	100		



HRS3.2 Improvement of health and safety conditions





		The severity rate per 200 continuously over the pa however, related data of	st five years b	y 50% from 70 in 2008 t	t not to 35 in 2012;
Occupational diseases		The rate of absenteeism percentage point from 1.			rs by 0.50
Accident frequency rate at contractors'		The lost-time injury freq continuously over the pa: 0.42 (/200,000 hwkd) in	st three years	contractors has decrease from 0.51 (/200,000 hw	ed, but not vkd) in 2012 to
Accident severity rate at co	intractors'	The number of work-rela the last three years (2012			ined stable over
Absenteeism and/or Occup diseases at contractors'	oational	The company does not d absenteeism.	isclose quanti	tative data on its subcor	ntracted labour
Stakeholders' feedback		A review of stakeholder s company during the perio	ources did no od under revie	t reveal any allegations a w: stakeholders' feedba	against the ick is neutral.
Leadership	42	Implementation	65	Results	40
Visibility	65	Means & resources	51	Performance	40
Relevance	30	Scope	N/A	Trends	N//
Ownership	30	Coverage			



The company operates in Brazil and Chile considered as free by Freedom House.

Visibility of commitment on the respect for human rights standards and the prevention of violations

The company has issued a formalised commitment to respect and promote human rights in society in its Management of the "Declaration of Ethical Principles and Code of Professional Conduct". In addition, the company is a signatory of the Global Compact and communicates on this principle.

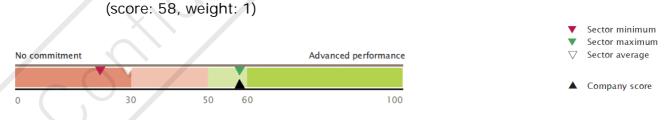


Relevance of commitment on the respect for human rights standa and the prevention of violations	irds	The company's commitn addresses its main respo - prevent degrading trea - prevent complicity in I - respect the right to pe - respect property rights	onsibilities: atment auman rights vi rsonal security	and promote human rig iolations	hts in society
Ownership of commitment		The commitment applies management.	s throughout th	ne company, supported b	by senior
Means allocated to the commitn on the respect for human rights standards and the prevention of violations		human rights in society	that includes: for employees:	n to ensure the respect a the company has report on its ethical principles ir	ed providing its
Coverage		The company has set up	such systems	throughout the company	y .
Stakeholders' feedback		A review of stakeholder company during the per			
Leadership	51	Implementation	58	Results	65
Visibility	65	Means & resources	30	Performance	65
Relevance	65	Scope	N/A	Trends	N/A

HRT2.1 Respect for freedom of association and the right to collective bargaining

30

Coverage



The Company operates in countries rated as sensitive in the IUTC 2015 annual survey of Trade Union Rights such as Brazil.

Visibility of commitment

The company has issued a formalised commitment to freedom of association and the right to collective bargaining in its Management of the "Declaration of Ethical Principles and Code of Professional Conduct". In addition, the company is a signatory of the Global Compact and communicates on this principle.

100

Ownership



		responsibilities: - protection of freedom - respect of the right to - guarantee the effective - respect and protection	collective barg exercise of th	gaining he trade unions right	
Ownership of commitme	nt.	The commitment applies	throughout t		ted by senior
Ownership of commune		management.		ne company, suppor	ted by senior
Monitoring		The company has impler freedom of association v - on-going monitoring o has stated that it monito association via an anony	ithin its opera I labour right rs complaints	ations: s risks: in its respon: including the disres _l	se to Vigeo, Cemig
Promotion of collective b	pargaining	The company has report on its ethical principles i			aining programmes
				0 0	
			χO		
Coverage		There is no evidence tha training about collective	t the company bargaining.	ı has provided all its	employees with
Coverage Stakeholders' feedback		There is no evidence tha training about collective A review of stakeholder s company during the peri	bargaining.	ot reveal any allegation	ons against the
Stakeholders' feedback	65	training about collective	bargaining.	ot reveal any allegation	ons against the
Stakeholders' feedback eadership	65 65	A review of stakeholder scompany during the peri	bargaining. sources did no od under revie	ot reveal any allegatio ew: stakeholders' fee	ons against the edback is neutral.
Stakeholders' feedback eadership /isibility ?elevance	65 100	A review of stakeholder s company during the peri Implementation Means & resources Scope	bargaining. sources did no od under revie 44	ot reveal any allegatio ew: stakeholders' fee Results	ons against the edback is neutral. 65
Stakeholders' feedback eadership /isibility ?elevance	65	A review of stakeholder s company during the peri Implementation Means & resources	bargaining. sources did no od under revie 44 50	ot reveal any allegatio ew: stakeholders' fee Results Performance	ons against the edback is neutral. 65
Stakeholders' feedback eadership /isibility Relevance Dwnership	65 100 30 discriminat	A review of stakeholder s company during the peri Implementation Means & resources Scope Coverage	bargaining. sources did no od under revie 44 50 N/A	ot reveal any allegatio ew: stakeholders' fee Results Performance	ons against the edback is neutral. 65 65
Stakeholders' feedback eadership /isibility Relevance Dwnership	65 100 30	A review of stakeholder s company during the peri Implementation Means & resources Scope Coverage	bargaining. sources did no od under revie 44 50 N/A	ot reveal any allegatio ew: stakeholders' fee Results Performance	ons against the edback is neutral. 65 65 N/A V/A
Stakeholders' feedback eadership /isibility Relevance Dwnership	65 100 30 discriminat	A review of stakeholder s company during the peri Implementation Means & resources Scope Coverage	bargaining. sources did no od under revie 44 50 N/A 30	ot reveal any allegatio ew: stakeholders' fee Results Performance	ons against the edback is neutral. 65 65 N/A V/A
Stakeholders' feedback eadership /isibility Relevance Dwnership IRT2.4 Non-c (score	65 100 30 discriminat	A review of stakeholder s company during the peri Implementation Means & resources Scope Coverage	bargaining. sources did no od under revie 44 50 N/A 30	ot reveal any allegatio ew: stakeholders' fee Results Performance	ons against the edback is neutral. 65 65 N/A V/A

Visibility of commitment on non-discrimination

The company has issued a formalised commitment to non-discrimination in its Statement of Ethics Principles and Code of Professional Conduct. In addition, the company is a signatory of the Global Compact and communicates on this principle.

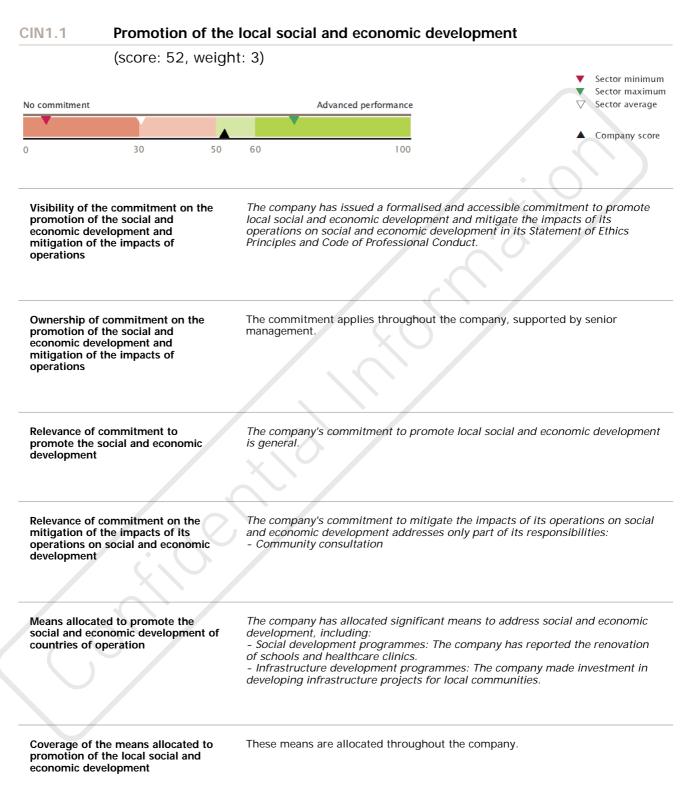


Relevance of commitment on non-discrimination	The company's commitment t the categories covered: - gender - race / nationality - religion - family responsibilities - disabilities - political opinion - age	o non-di	scrimination explicitly defines i	nost of
Ownership of commitment	management. In addition, oth	er emplo	ne company, supported by seni yees are directly involved. of issues related to employees'	or
Means allocated to non-discrimination	among its employees through - confidential reporting system whistleblowing line through w - training: the company has p principles including discrimin	pany has n its webs m: the co which emp provided i ation.	reported promoting its Ethics P	ntial ry actions ts ethical
Coverage	There is no evidence that the diversity in a majority of its of	company perations	has set up programmes to pro	mote
Results in terms of gender distribution	The share of women in manag three years (2012, 2013, 201	gement p 4) at 12%	ositions remained stable over t	he past
Results in terms of employment of disabled persons			e total workforce has increased by 2.42 percentage point from	
Stakeholders' feedback			nt reveal any allegations against ew: stakeholders' feedback is no	
co^{i}				
Leadership 65	company during the period ur	nder revie	ew: stakeholders' feedback is n	eutral.
Leadership 65	company during the period ur Implementation	nder revie 48	ew: stakeholders' feedback is no Results	eutral. 52



Community Involvement

Score: 44





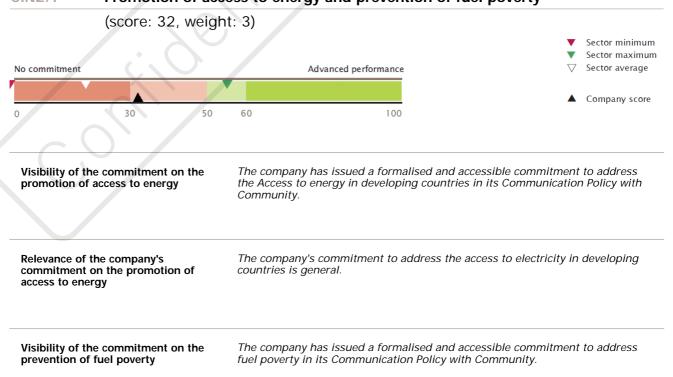
Means allocated to the mitigat impacts of operations	tion of	operations: - social impact assessme takes into account social - comunity consultation consultations and worksl projects. - grievance mechanisms:	nts: the comp risks with reg n: the compar nops involving the company	means to mitigate the imp any has reported a decision ard to projects developme by has reported conducting local communities regard has stated providing com g affected by the company	on matrix that ent. g public ling its new pensation to
Coverage of the means allocat the mitigation of impacts of operations	ted to	These means are allocate	d throughout	the company.	$\langle \rangle$
Performance trend		Community investments years from 3.1% in 2013		EBIT have decreased over	the last two
Stakeholders' feedback				t reveal any allegations ag w: stakeholders' feedback	
Leadership	39	Implementation	79	Results	37
Visibility	65	Means & resources	74	Performance	65
Relevance	30	Scope	N/A	Trends	0

100

CIN2.1	Promotion of access to energy and prevention of fuel poverty

Coverage

30



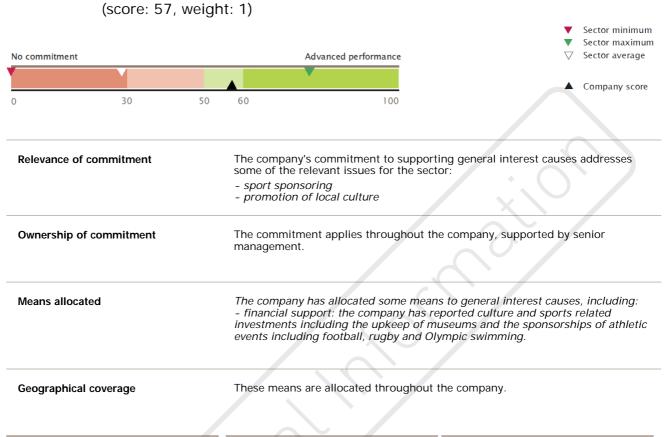
Ownership



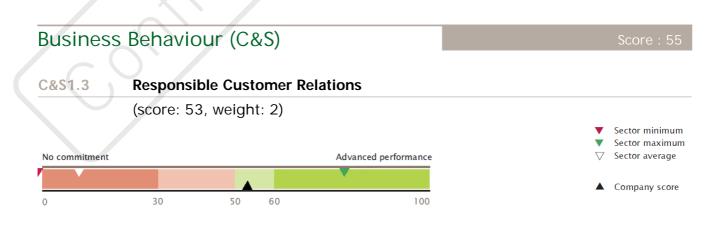
Relevance of the commitment prevention of fuel poverty	on the	The company's commitn the reduction of fuel pov - Financial support		esses some of its respon	sibilities towards
Ownership of commitment		The commitment applies management.	throughout th	ne company, supported b	y senior
Measures implemented to pro the access to energy	mote	Information obtained fro allocated to the access to	m the compar o energy in de	ny and public sources reg veloping countries is ins	arding measure: ufficient.
Coverage of the measures implemented to address acces energy	ss to				
Measures implemented to red fuel poverty	uce	The company has allocat issue: - Energy demand-side m reported replacing electr highly efficient lighting s - Customer assistance: t which delivers post-serv stakeholders.	hanagement fo ic shower hear ystems for vu he company h	or vulnerable customers: ds with solar heating sys Inerable customers. as disclosed an Ombudsi	the company ha tems, installing man's Office
Coverage of the measures implemented to address fuel p	poverty	There is no evidence tha where it operates as a di	t these measu stributor.	res are allocated in a maj	ority of regions
Performance trend - Access to energy	58	The Rural Service Rate w	as 93.8% in 20	014 compared to 97.95%	in 2012.
Performance trend - Fuel pove	erty	The company does not d	isclose indicat	ors on fuel poverty.	
Stakeholders' feedback		A review of stakeholder s company during the peri			
eadership	37	Implementation	24	Results	35
/isibility	65	Means & resources	32	Performance	46
Relevance	30	Scope	N/A	Trends	0
Ownership	30	Coverage	15		



CIN2.2 Contribution to general interest causes



Leadership	55	Implementation	58	Results	N/A
Visibility	N/A	Means & resources	30	Performance	N/A
Relevance	65	Scope	N/A	Trends	N/R
Ownership	30	Coverage	100		

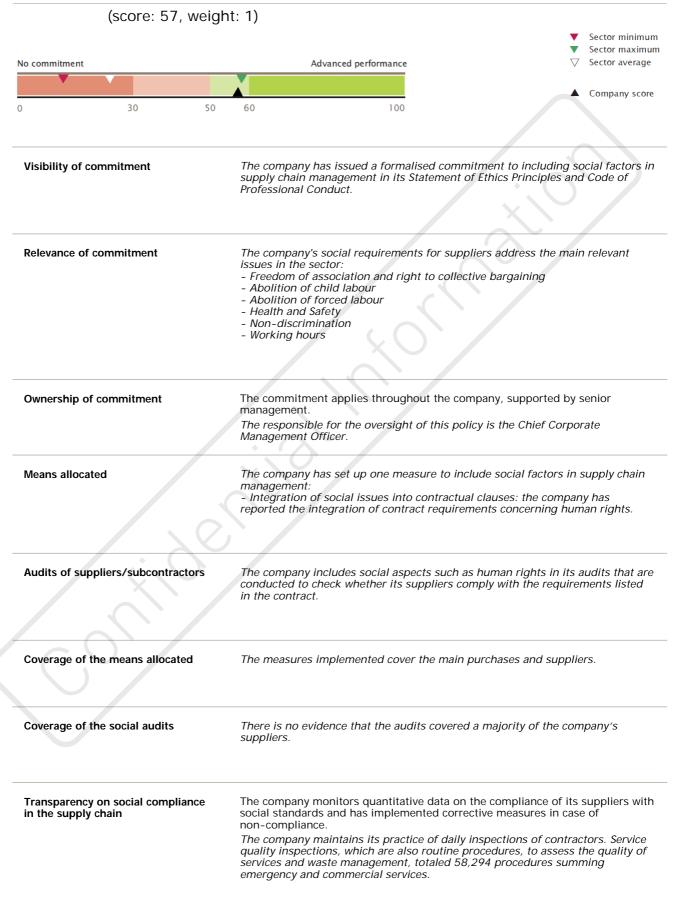




Customer satisfaction Results on service continuity on electricity networks Stakeholders' feedback eadership 51 /isibility 100 relevance 30	presence of sites through its Cemig Facil Network in the 7 within Cemig's concession area. Customer satisfaction has decreased over the past three y percentage point from 78.90% in 2012 to 68.75% in 2014. The company's results on service continuity on electricity of improved over the last three years. The company's average duration per customer has decreased continuously over the from 883 min in 2012 to 646 min in 2014. A review of stakeholder sources did not reveal any allegatic company during the period under review: stakeholders' fee Implementation 65 Results Means & resources 50 Scope N/A	ears by 10.15 networks has e interruption ne last three years
Results on service continuity on electricity networks Stakeholders' feedback eadership 51	within Cemig's concession area.Customer satisfaction has decreased over the past three y percentage point from 78.90% in 2012 to 68.75% in 2014.The company's results on service continuity on electricity in improved over the last three years. The company's average duration per customer has decreased continuously over the from 883 min in 2012 to 646 min in 2014.A review of stakeholder sources did not reveal any allegati company during the period under review: stakeholders' ferImplementation65	ears by 10.15 networks has e interruption he last three years tons against the edback is neutral.
Results on service continuity on electricity networks Stakeholders' feedback	 within Cemig's concession area. Customer satisfaction has decreased over the past three ye percentage point from 78.90% in 2012 to 68.75% in 2014. The company's results on service continuity on electricity of improved over the last three years. The company's average duration per customer has decreased continuously over the from 883 min in 2012 to 646 min in 2014. A review of stakeholder sources did not reveal any allegati company during the period under review: stakeholders' feet 	ears by 10.15 networks has e interruption he last three years lons against the edback is neutral.
Results on service continuity on	within Cemig's concession area. Customer satisfaction has decreased over the past three y percentage point from 78.90% in 2012 to 68.75% in 2014. The company's results on service continuity on electricity i improved over the last three years. The company's average duration per customer has decreased continuously over the	ears by 10.15 networks has e interruption
Customer satisfaction	within Cemig's concession area. Customer satisfaction has decreased over the past three y	ears by 10.15
. 20		74 municipalities
	disclosure on procedures: The company has set in place several measures to channe and complaints by email, phone and SMS. Besides Cemig F	has reported the
ensure responsible customer relations and respect contractual agreements Complaints management system	There is a formalised and accessible system to handle corr	- -
Coverage of the means allocated to	The company's measures have been implemented through	iout its operations
Means allocated to ensure responsible customer relations and respect contractual agreements	The company has implemented a few measures: - Monitoring of service quality indicators (customer satisfa continuity, complaints): the company has reported the c on customers' satisfaction and monitoring service interrup - Service interruptions prevention measures: the company protection and insulation programmes of its distribution re reduce the service interruptions caused by contact with tree	onduction of surveys otions. v has reported network in order to
Ownership of commitment	The commitment applies throughout the company, suppor management.	rted by senior
	The company commits to some of its responsibilities in te contractual agreements: - complete communication with customers	rms of responsible
Relevance of commitment on responsible customer relations		
responsible customer relations Relevance of commitment on responsible customer relations	agreements (customer service) in its Statement of Ethics P Professional Conduct. Moreover, the company is aiming to rate of over 90% by 2016 compared to 78.9% in 2012.	o reach a satisfactio



C&S2.4 Integration of social factors in the supply chain





Allegations against suppliers

A review of stakeholder sources did not reveal any social allegations against the company's suppliers or contractors.

Leadership	56	Implementation	35	Results	81
Visibility	65	Means & resources	30	Performance	81
Relevance	65	Scope	N/A	Trends	N/A
Ownership	30	Coverage	48		

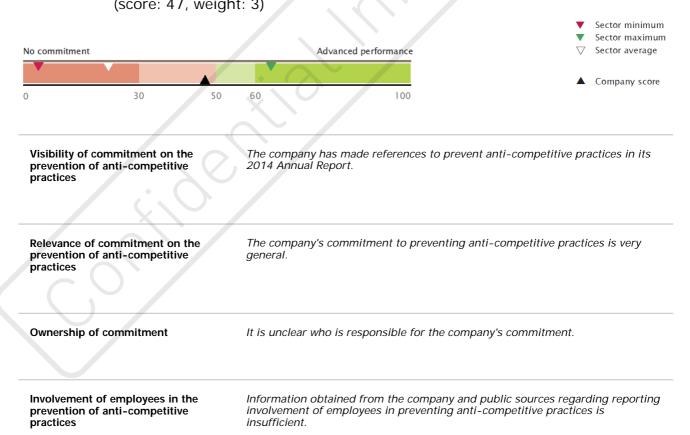
Prevention of corruption C&S3.1 (score: 65, weight: 3) Sector minimum Sector maximum Advanced performance Sector average No commitment Company score 50 60 100 0 30 Visibility of commitment on the The company has issued a formalised commitment to preventing corruption in prevention of corruption its Statement of Ethics Principles and Code of Professional Conduct and Anti-fraud Policy. In addition, the company is a signatory of the Global Compact and communicates on this principle. Relevance of commitment on the The company's commitment to preventing corruption addresses its main responsibilities: prevention of corruption - conflicts of interest gifts embezzlement active and passive bribery fraud **Ownership of commitment** The commitment applies throughout the company, supported by senior management. In addition, other employees are directly involved. The Ethics Commission is responsible of issues related to fraud and corruption. Involvement of employees in the The company has instituted formal training programmes for relevant employees prevention of corruption on corruption prevention. The company has reported providing its employees with fraud and corruption related training. The company has set up internal controls to prevent corruption, including a Means allocated to the prevention of corruption confidential reporting system: internal audits: the company has reported that, through its Internal Audit

 Internal addits: the company has reported that, through its internal Addit Superintendence, it keeps and monitors a Risk and Controls Matrix, whose structure includes prevention against risks of fraud and corruption.
 a dedicated confidential hotline: the company has reported a whistleblowing line that employees can use anonymously.
 non-confidential reporting system: the company has stated that employees

 non-confidential reporting system: the company has stated that employees can report fraudulent and corrupt acts to their superiors, Director President or Internal Audit.



Coverage of the means allocated to the prevention of corruption		The measures implemented cover all significant parts of the company as well as sales agents and business partners.				
Transparency on construction subspicions raised to employee reporting	nrough the	The company discloses quantitative data on the corruption incidents reported internally. Cemig stated that no cases of corruption involving Cemig were identified through any internal audit, nor through the Whistleblower's Channel, in 2014.				
Stakeholders' feed	back			ot reveal any allegations ag ew: stakeholders' feedback		
	back 65					
Leadership		company during the perio	od under revie	ew: stakeholders' feedback	k is neutral. 53	
Stakeholders' feed Leadership Visibility Relevance	65	company during the perio	od under revie 76	ew: stakeholders' feedback Results	k is neutral.	





anti-competitive practice	evention of s	The company has set up - Internal audits: the con are conducted to ensure and standards with regar	npany has stat the adequacy	ted that preventive audits of procedures and comp	s and controls
Coverage of the means al the prevention of anti-co practices		The measures implement sales agents and busines		ignificant parts of the co	mpany as well as
					\frown
Reporting		The company explicitly s internally during the peri			lents reported
Reporting Stakeholders' feedback			od under revie ources did no	ew. ot reveal any allegations a	against the
Stakeholders' feedback	24	internally during the peri A review of stakeholder s	od under revie ources did no	ew. ot reveal any allegations a	against the
Stakeholders' feedback	24	internally during the peri A review of stakeholder s company during the perio	od under revie ources did no od under revie	ew. ot reveal any allegations a ew: stakeholders' feedbac	against the ck is neutral.
		internally during the peri A review of stakeholder s company during the perio Implementation	od under revie ources did no od under revie 41	ew. ot reveal any allegations a ew: stakeholders' feedbac Results	against the ck is neutral. 77

Corporate Governance

CGV1.1	Board of Dire	ctors			
	(score: 39, we	eight: 3)			
				•	Sector minimum
No commitment			Advanced performance	\bigtriangledown	Sector maximum Sector average
					Company score
0	30	50 60	100		
Nomination	nd independence of Committee	of the commi	lisclosed on this subject is insuffic ttee. Of note, the Nomination Con ere four members are alternate dii	nmittee is compose	
		In accordance	with standards advocated by Vig	eo, the roles of Cha	irman and
Independen	ce of board Chairman		rated, and the Chairman is consid	ered independent.	



Non-executive board members have complementary and relevant skills and backgrounds.
No training is provided.
Regular meetings are held, and attendance rates are above 90%
Thirty Board meetings were held during 2015 and the attendance rate was 100%.
Board members are elected at least every 3 years. Board members are eligible for re-election following 2-year terms.
Performance is evaluated regularly, but with no disclosure on the results.

meetings

is responsible of CSR issues within the Board. However, the composition of the committee is not known.

Non-independent board members (excl. employee representatives)	Role	Current or Former Executive	More than 9 years on board	Stock options or warrants	Paid >1/2 executive salary	Owns or represents >3% company's shares	Other
Mauro Borges Lemos	CEO	х					
Helvécio Miranda Magalhães	Director	х					
Marco Antônio de Rezende Teixeira	Director	х					
Marco Antonio Soares da Cunha Caste	Director	х					
Nelson José Hubner Moreira	Director	х					
Allan Kardec de Melo Ferreira	Director, Nomination Committee	х					
Arcângelo Eustáquio Torres Queiroz	Director	х					
Guy Maria Villela Paschoal	Director	х					
Eduardo Borges de Andrade	Chief Officer for the Gas Division	х					
Ricardo Coutinho de Sena	Director	х					
Paulo Roberto Reckziegel Guedes	Director	х					
José Henrique Maia	Director	х					
Saulo Alves Pereira Junior	Director	х					



Non-independent board members (excl. employee representatives)	Role	Current or Former Executive	More than 9 years on board	Stock options or warrants	Paid >1/2 executive salary	Owns or represents >3% company's shares	Other
José Pais Rangel	Director	Х					

CGV2.1

Audit & Internal Controls

	(SCOLE.	43, weig	III. <i>∠)</i>		▼ Sector minimum ▼ Sector maximum
No commitment				Advanced performance	
					▲ Company score
0	30	50	60	100	

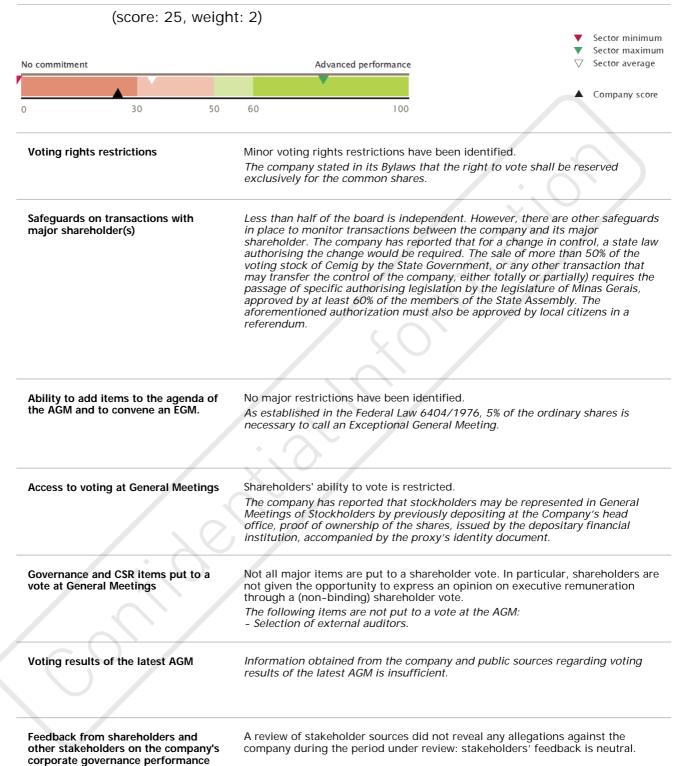
Existence and independence of Audit Committee

Information disclosed on this subject is insufficient to assess the independence of the committee. The audit committee is composed of 7 alternate directors.

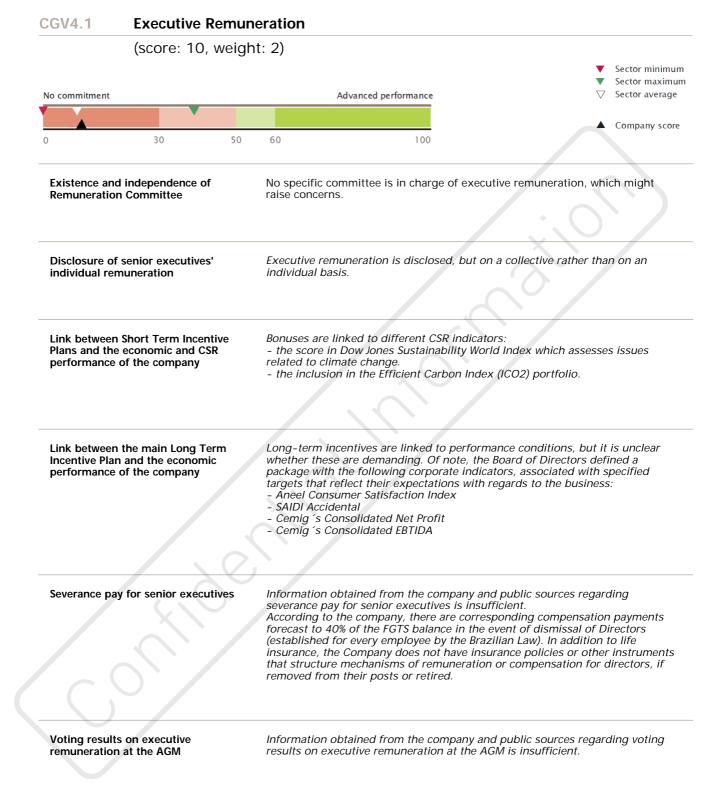
Skills and backgrounds of Audit Committee members	Members appear to have financial and audit experience and relevant operational experience.
Operational and CSR risks covered by the company's internal controls system	The system covers financial, operational, and legal risks, plus CSR risks.
Role of the Audit Committee in overseeing internal and external controls	The Audit Committee has a limited role that includes: - Oversee internal audit and internal controls
Independence of the firm's external auditors	The audit firm receives non-audit fees, but these represent only 25% or less of total fees. Non-audit fees represented 4.7% of total fees paid to KPMG Auditores Independentes and Deloitte Touche Tohmatsu in 2014.
Inclusion of CSR issues in company reporting	The company publishes significant social and environmental reporting in its 2014 Annual and Sustainability Report, with quantitative indicators, that is audited by Deloitte Touche Tohmatsu Auditores.
Reliability of the company's internal controls system	A review of stakeholder sources did not reveal any allegations for internal control failures against the company during the period under review: stakeholders' feedback is neutral.



CGV3.1 Shareholders









Allegations and controversies

Domain Sustainability driver



Detailed Scores And Ratings

Current and previous ratings

Period	Environment	Human Resources	Human Rights	Community Involvement	Business Behaviour (C&S)	Corporate Governance
2016/03	+ +	+	+ +	+	+ +	=
2014/12	+ +	+ +	+ +	++	+ +	
2014/03	+	++	++	++	++	=

Scores per domain

Domain	Average score	Leadership	Implementation	Results
Environment	62	41	65	65
Human Resources	42	47	49	31
Human Rights	57	59	51	60
Community Involvement	44	40	52	31
Business Behaviour (C&S)	55	47	57	62
Corporate Governance	30	30	26	35

Scores per criteria

Sub-domain	Criterion	Score
Environment 1	1	75
	2	53
	3	77
	4	45
Environment 2	2	40
	4	D/A
Environment 3	1	D/A
Sub-domain	Criterion	Score
Human Resources 1	1	D/A
Human Resources 2	3	12
<u> </u>	4	55
Human Resources 3	2	49
Sub-domain	Criterion	Score
Human Rights 1	1	58
Human Rights 2	1	58
	4	55

Sub-domain	Criterion	Score
Community Involvement 1	1	52
Community Involvement 2	1	32
	2	57
Sub-domain	Criterion	Score
Business Behaviour (C&S) 1	3	53
Business Behaviour (C&S) 2	4	57
Business Behaviour (C&S) 3	1	65
	2	47
Sub-domain	Criterion	Score
Corporate Governance 1	1	39
Corporate Governance 2	1	43
Corporate Governance 3	1	25
Corporate Governance 4	1	10



General Overview

Position versus sector peers Rest of the World	Environment	Human Resources	Human Rights	Community Involvement	Business Behaviour (C&S)	Corpor _{ate} Governan _{ce}	Overall ^{Score}
PHY0005M1090 Aboitiz Power Corp (APC)	=	=	=	=	=	+	28
CL0001880955 AES Gener S.A.	+	+	=	=	+		31
BRTIETACNPR7 AES Tiete S/A	=	-	=	-	=)-	19
XS0989152573 Bulgarian Energy Holding	-		-	-	<u>X-</u>	-	8
CNE100001T80 CGN POWER LTD	-	=	-	- (<u> </u>	+	23
BMG2109G1033 CHINA GAS HOLDINGS	-	-	-	-	-	=	19
CNE100000HD4 China Longyuan Power Group Corp. Ltd.	=	=	- , (=	_	+	26
HK2380027329 China Power International Development	-	= ($\overline{\bigcirc}$	-	=	++	25
BMG2113B1081 China Resources Gas GP	-		-	-	-	=	20
HK0836012952 China Resources Power Holdings Co. Ltd.	=	=	_	=	=	+	30
BRCMIGACNPR3 Cia Energetica de Minas Gerais	+ +	+	++	+	+ +	=	48
CLP3615W1037 Colbun S.A.		=	=	=	-	-	22
BRCPLEACNPB9 Companhia Paranaense de Energia-COPEL	-	=	-	-	-	-	20
BRCPFEACNORO CPFL Energia S.A.	=	+	+	=	=	=	29
CNE1000002Z3 Datang International Power Generation Co. Ltd.	=	-	=	=	-	=	24
CL0001583070 E-CL S.A.	-	=	-	=	-		18
BRENBRACNOR2 EDP-Energias do Brasil S.A.	+ +	++	+ +	++	+ +	+	57
CLP3710M1090 Empresa Nacional de Electricidad S.A.	+	+	+	+	+	=	35
PLENEA000013 Enea S.A.	=	-	-	-	-	-	18
PLENERG00022 Energa SA	+	+	=	+	+	+	37
PHY2292T1026 Energy Development Corp.	=	=	+	+	=	=	31
CLP371861061 Enersis S.A.	+	=	+	+	+	=	36
INE129A01019 GAIL (India) Ltd.	=	+	+	+	=	=	32
TH0834010009 Glow Energy PCL	=	-	=	=	=	=	24
CNE1000003D8 Huadian Power International	-		-	-	-	=	17
CNE1000006Z4 Huaneng Power International	-	-	-	-	-	-	15
CNE100000WS1 Huaneng Renewables	-	-	-	-	-	=	19
COE15PA00026 Interconexion Electrica SA ESP	+	++	+	-	+	+	39
COE16PA00016 ISAGEN S.A. E.S.P.	+	=	+	=	=	-	25



Position versus

sector peers Rest of the World

	Environn	Human Resource	Human Rights	Commu. Involvem	Busines Behaviou (C&S)	Corpora Go _{Verhar}	O _{Verall} ^{score}
KR7015760002 Korea Electric Power Corp.	=	-	=	=	-	=	22
KR7036460004 Korea Gas Corp.	+	=	+	+	=		28
MYL219400008 MMC Corp. Bhd		-	=	-	=	-	17
INE733E01010 NTPC Ltd.	=	=	-	+	=	-	26
ID1000111602 Perusahaan Gas Negara	=	=	=	=	+=	-	24
PLPGER000010 PGE Polska Grupa Energetyczna S.A.	=	-	=	_	X	+	21
INE752E01010 Power Grid Corp. of India Ltd.	+	-	+	_ (=	=	27
QA0006929812 QATAR ELECT & WATER CO	-		-	-	-	-	12
RU000A0JPKH7 RusHydro	+	=	=	=	=	+	35
XS0953958641 Slovensky Plynarensky Priemysel	-	=	_	=	=		17
INE245A01021 Tata Power Co. Ltd.	=	=	+	+	++	+	38
PLTAURN00011 Tauron Polska Energia S.A.	=	Ŧ	=	++	=	+	31
MYL534700009 Tenaga Nasional Bhd	+	=		-	=	+	29
BRTBLEACNOR2 Tractebel Energia SA	+ +	++	+	++	++	=	49
BRTAEECDAM10 TRANSMISSORA ALIANCA DE- UNIT		-	-	-	-		11
MYL4677OO000 YTL Corp. Bhd	=	=	=	=	=	+	28
MYL674200000 YTL Power International Bhd	-	-	-	-	-	=	14



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