



G R E S B<sup>®</sup>  
INFRASTRUCTURE

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# 2017 Asset Assessment

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## About GRESB

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GRESB is an investor-driven organization that is transforming the way we assess environmental, social and governance (ESG) performance of real assets globally, including real estate portfolios, real estate debt providers and infrastructure assets. More than 250 members, of which about 60 are pension funds and their fiduciaries, use GRESB data in their investment management and engagement process, with a clear goal to optimize the risk/return profile of their investments.

For more information, visit [www.gresb.com](http://www.gresb.com).

### About the 2017 GRESB Infrastructure Assessment

The GRESB Infrastructure Assessment is a unique tool for systematic assessment, objective scoring, and peer benchmarking of the ESG performance of infrastructure investments. The GRESB Infrastructure Assessment is designed to address the need of institutional investors for information about critical aspects of ESG performance through a flexible, globally applicable reporting and benchmarking framework.

The GRESB Infrastructure Assessment has an initial focus on operating investments, infrastructure assets, companies and funds and covers a variety of infrastructure sectors, including:

- Energy generation (including renewables)
- Energy distribution
- Telecommunications
- Transportation
- Water supply and treatment
- Social infrastructure (e.g., convention, aged care, schools, others)

The GRESB Infrastructure Assessment provides infrastructure investors with actionable information and the tools they need to accurately monitor and manage the sustainability risks of their assets, and to prepare for increasingly rigorous ESG obligations. It is a consistent framework allowing investors to collect and compare key ESG and related performance metrics across their infrastructure assets worldwide.

Subscribers to GRESB Infrastructure can use the information provided by GRESB to better understand immediate sustainability risks, to engage with the management of their investments, to take advantage of ESG-related investment opportunities and to report to constituents and other stakeholders.

# Entity and Reporting Characteristics

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## Entity Characteristics

### EC1 Name the of entity

Legal name \_\_\_\_\_

Operator name (if applicable) \_\_\_\_\_

### EC2 Location of the entity's headquarters office

Street address \_\_\_\_\_

City \_\_\_\_\_

Postcode \_\_\_\_\_

Country \_\_\_\_\_

### EC3 Nature of the entity

Public company

ISIN \_\_\_\_\_

Ticker Symbol \_\_\_\_\_

Exchange (select all that apply)

Other identifier \_\_\_\_\_

Private company

Corporation

Special Purpose Vehicle (SPV)

Other \_\_\_\_\_

Non-profit organization

Governmental organization

Other \_\_\_\_\_

### EC4 Reporting period

Calendar year

Fiscal year. Specify the starting month and year \_\_\_\_\_

### EC5 Industry Associations

List memberships in industry associations

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## Reporting Characteristics

## RC1 Reporting currency

Values are reported in

- Australian Dollar (AUD)
- Brazilian Real (BRL)
- Canadian Dollar (CAD)
- Chinese Yuan (CNY)
- Danish Krone (DKK)
- Euro (EUR)
- Hong Kong Dollar (HKD)
- Indian Rupee (INR)
- Japanese Yen (JPY)
- Malaysian Ringgit (MYR)
- Mexican Peso (MXN)
- Pound Sterling (GBP)
- Singapore Dollar (SGD)
- South African Rand (ZAR)
- South Korean Won (KRW)
- Swedish Krona (SEK)
- Swiss Franc (CHF)
- United States Dollar (USD)
- Other \_\_\_\_\_

## RC2 Classification of economic size

Describe the entity's economic size

Value \_\_\_\_\_

Units \_\_\_\_\_

## RC3 Country/ Countries of operation

Country	% of operations
Select country ▼	
Select country ▼	
Select country ▼	

Explain method used to establish the percentage of operations in each country

(maximum 250 words)

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## RC4 Business activities and output measures

Select all applicable areas of infrastructure activity and assign a relative weight to each activity. This information will be used to identify peers with similar combinations of business activities. Weights must sum to 100%. The entity may assign even weights if percentage allocations cannot be calculated or represent proprietary information that cannot be conveyed to investors. Select the weighting approach and explain the basis in the text box below.

Classify the method used to assign weights to business activities

- Weights based on relative economic activity (e.g. revenue)
- Even weights
- Other method \_\_\_\_\_

Provide additional context for the answer provided (maximum 250 words)

---

### Energy generation

#### Fossil fuel generation

Type	% weight	Describe the entity's regulatory regime	Electric, installed capacity (MW)	Electric, Generation (MWh)
Coal				
Petroleum				
Natural gas				
Other gases _____				
Other _____				

#### Renewable generation, utility scale

Type	% weights	Describe the entity's regulatory regime	Electric, installed capacity (MW)	Electric, Generation (MWh)
Biomass, wood				
Waste to energy - solid waste				
Geothermal				
Solar/PV				
Solar/CSP				
Wind, on-shore				
Wind, off-shore				
Renewable hydroelectric power, dam				
Renewable hydroelectric power, run-of-river				
Hydroelectric pumped storage				
Other _____				

Renewable generation, distributed

Type	% weights	Describe the entity's regulatory regime	Number of generation locations	Electric, installed capacity (MW)	Electric, Generation (MWh)
Solar/PV					
Wind					
Hydro					
Other _____					

Combined heat and power

	% weights	Describe the entity's regulatory regime	Electric, installed capacity (MW)	Electric, Generation (MWh)	Thermal, installed capacity (Btu/KWh)	thermal, generation (MMBtu)
Diesel engine						
Natural gas engine						
Steam turbine						
Gas turbine						
Micro-turbine						
Fuel cells						
Other _____						

Other generation

Type	% weights	Describe the entity's regulatory regime	Electric, installed capacity (MW)	Electric, Generation (MWh)
Nuclear Electric Power				
Other _____				

Energy efficiency

Type	% weights	Type of project	Primary measure of output					
			Number of projects	Total electricity savings (MWh)	Total thermal energy savings (MMBtu)	Specify other measure	Measure figure	Units
Describe the nature of the business activity _____								

Energy transmission, distribution and storage

Electric Power

Transmission

Type	% weights	Describe the entity's regulatory regime	Type of Transmission	Size of the system			Primary measure of output		
				Specify system	Measure figure	Units	Specify other measure	Measure figure	Units
Electric Power Transmission									

Distribution

	% weights	Describe the entity's regulatory regime	Number of accounts			Size of the system			Primary measure of output			
			Residential (%)	Industrial (%)	Commercial (%)	Specify system	Amount	Units	Specify measure	Amount	Unit	
Electric Power Distribution												

Storage

	% weights	Describe the entity's regulatory regime	Type of storage	Size of the system			Primary measure of output			
				Specify system	Amount	Units	Specify measure	Amount	Units	
Solid state batteries										
Flow batteries										
Flywheels										
Compressed air										
Thermal										
Pumped hydro-power										
Other_____										

Natural gas

Transmission and distribution

	% weights	Describe the entity's regulatory regime	Pipeline pressure			Size of the system			Primary measure of output						
			Type of pressure	Amount	Units	Specify system	Amount	Units	Average volume distributed per day	Unit	Total volume distributed	Unit	Specify other measure	Amount	Units
Transmission															
Distribution															
Gathering															
Other_____															

Storage

	% weights	Describe the entity's regulatory regime	Type of storage	Size of the system			Primary measure of output							
				Specify system	Amount	Units	Average daily working gas volume	Units	Average total working gas volume	Units	Specify other measure	Amount	Units	
Natural Gas Storage														

Petroleum Liquids / other liquids

Transmission

	% weights	Describe the entity's regulatory regime	Describe the activities	Size of the system			Primary measure of output			
				Specify system	Amount	Units	Specify measure	Amount	Units	
Describe the nature of the business activity _____										

Gathering

	% weights	Describe the entity's regulatory regime	Describe the activities	Size of the system			Primary measure of output			
				Specify system	Amount	Units	Specify measure	Amount	Units	
Describe the nature of the business activity _____										

Storage

	% weights	Describe the entity's regulatory regime	Describe the activities	Size of the system			Primary measure of output		
				Specify system	Amount	Units	Specify measure	Amount	Units
Describe the nature of the business activity _____									

Other

	% weights	Describe the entity's regulatory regime	Describe the activities	Size of the system			Primary measure of output		
				Specify system	Amount	Units	Specify measure	Amount	Units
Describe the nature of the business activity _____									

Other

Storage

	% weights	Describe the entity's regulatory regime	Type of storage	Size of the system			Primary measure of output		
				Specify system	Amount	Units	Specify measure	Amount	Units
Describe the nature of the business activity _____									

Distribution

	% weights	Describe the entity's regulatory regime	Size of the system			Primary measure of output		
			Specify system	Amount	Units	Specify measure	Amount	Units
Other Distribution _____								

Other

	% weights	Describe the entity's regulatory regime	Size of the system			Primary measure of output		
			Specify system	Amount	Units	Specify measure	Amount	Units
Describe the nature of the business activity _____								

■ Telecommunication

	% weights	Describe activities	Size of the system			Primary measure of output		
			Specify system	Amount	Units	Specify measure	Amount	Units
Wired Telecommunications								
Wireless Telecommunications								
Data centers								
Other								

■ Water Resource Management

	% weights	Describe activities	Type of activity	Size of the system			Primary measure of output		
				Specify system	Amount	Units	Specify measure	Amount	Units
Flood Control									
Coastal and Riverine Locks									
Water Supply									
Sewer Line Systems									
Sewer Treatment Facilities									
Other									

■ Waste Treatment and Disposal

	% weights	Describe activities	Primary measure of output				
			Waste handled	Units	Specify other measure	Amount	Units
Nonhazardous Waste Treatment and Disposal							
Hazardous Waste Treatment and Disposal							
Other							

■ Transportation

■ Airport

	% weights	Describe activities	Airport identifier (IATA Code)	Primary measure of output				
				Total passengers	Total cargo (metric tons)	Specify other measure	Amount	Units
Large hub								
Medium hub								
Small hub								
Non-hub primary								
Non-primary commercial services								
Reliever								
General aviation								
Other								

■ Railroad

	% weights	Describe activities	System size		Primary measure of output							
			Length of rail system	Units	Total passenger distance traveled	Units	Total cargo handled	Units	Specify other measure	Amount	Units	
Line-Haul Railroad												
Short Line Railroad												
Other												

■ Rolling Stock

	% weights	Describe activities	Primary measure of output					
			Number of rolling stock units	Total cargo handled	Units	Specify other measure	Amount	Units
Aerial tram								
Automated guideway								
Heavy rail								
Hybrid rail								
Light rail								
Monorail								
Streetcar								
Subway								
Other								

■ Transportation System

	% weights	Size of the system			Primary measure of output				
		specify system	Amount	Units	Total passengers distance traveled	Unit	Specify other measure	Amount	Units
Describe the nature of the business activity									

■ Ports

	% weights	Describe activities	Primary measure of output					
			Container traffic (TEU)	Total cargo handled	Units	Specify other measure	Amount	Units
Describe the nature of the business activity								

■ Toll Road Operations

	% weights	Describe activities	System size		Primary measure of output					
			Length of roadway	Units	Number of vehicles	Distance Traveled	Units	Specify other measure	Amount	Units
Tunnel(s)										
Bridge(s)										
Road, single										
Road, multiple/network										
Other										

Social

Aged Care

	% weights	Describe activities	Size and capacity			Primary measure of output			
			Floor area of Ffacilities (gross)	Units	Number of facilities	Number of residents	Specify other measure	Amount	Units
Nursing care facilities									
Assisted living facilities									
Other_____									

Schools

	% weights	Describe activities	Size and capacity							Primary measure of output			
			Floor area of facilities (gross)	units	Number of facilities	Student population	Other	Amount	Units	Specify measure	Amount	Units	
Elementary and Secondary													
Junior college													
College, university													
Business, secretarial													
Miscellaneous education													
Other_____													

Convention

	% weights	Describe activities	Size and capacity						Primary measure of output			
			Floor area of facilities (gross)	Units	Number of facilities	Other	Amount	Units	Number of visitors	Specify other measure	Amount	Units
Convention Center												
Exhibition Center												

■ Government Buildings

	% weights	Describe activities	Size and capacity						Primary measure of output			
			Floor area of facilities (gross)	Units	Number of facilities	Other	Amount	Units	Number of occupants	Specify other measure	Amount	Units
Education												
Food sales/service												
Healthcare, inpatient												
Healthcare, outpatient												
Lodging												
Mercantile												
Military												
Office												
Public assembly												
Public order and safety (including courts)												
Religious worship												
Service												
Warehouse and Storage												
Other												

■ Correctional Facilities

	% weights	Describe activities	Size and capacity							Primary measure of output			
			Design capacity (number of beds)	Floor space of facilities (gross)	Units	Number of facilities	Other	Amount	Units	Imprisoned population	Specify other measure	Amount	Units
Juvenile facilities													
Local jail													
State or regional prison													
National prison													
Other _____													

■ Other

	% weights	Describe the system size	Primary measure of output		
			Specify other measure	Amount	Units
Describe the nature of the business activity _____					



**MA1**

**Are ESG issues included in the long term strategic plan(s) that apply to this entity?**

**MA1**

Yes

Elements addressed in the entity's long-term strategic plan(s)

- Environmental performance
- Social performance
- Governance performance

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

\_\_\_\_\_

**MA2**

**Does this entity or its operator have an individual responsible for the implementation of ESG issues?**

**NEW**

Yes

Provide the details of the individual responsible

Name/organization name\_\_\_\_\_

Job title \_\_\_\_\_

E-mail \_\_\_\_\_

LinkedIn profile (optional)\_\_\_\_\_

The individual is a(n)

- Dedicated employee for whom sustainability is the core responsibility
- Employee for whom sustainability is among their responsibilities
- External consultant/manager
- Other \_\_\_\_\_

No

Provide additional context for the answer provided (maximum 250 words)

\_\_\_\_\_

MA3

**Does this entity or its operator have a senior decision-maker accountable for ESG issues?**

MA2

Yes

Provide the details of the most senior decision maker on sustainability issues

Name/organization name \_\_\_\_\_

Job title \_\_\_\_\_

E-mail \_\_\_\_\_

LinkedIn profile (optional) \_\_\_\_\_

This individual is part of

Board of Directors

Senior Management Team

Other \_\_\_\_\_

No

Provide additional context for the answer provided (maximum 250 words)

\_\_\_\_\_

MA4

**Are ESG factors included in performance targets for individuals working for the entity, operator or manager?**

MA3

Yes

Does performance on ESG targets have pre-determined consequences?

Yes

Financial consequences

Non-financial consequences

Other consequences \_\_\_\_\_

No

ESG performance targets are applicable to

Senior leadership

Operating staff

Other \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

\_\_\_\_\_

## Is ESG-related training provided for this entity?

Yes

Categorize ESG-related training provided to different categories of workers and/or other stakeholders or required for contractors and/or third-party service providers

- Employees
  - Environmental issues
  - Social issues
  - Governance issues
  - Other \_\_\_\_\_
- Contractors
  - Environmental issues
  - Social issues
  - Governance issues
  - Other \_\_\_\_\_
- Other \_\_\_\_\_
  - Environmental issues
  - Social issues
  - Governance issues
  - Other \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

---



**PD1**

**Does this entity or its operator have a policy or policies on environmental issues?**

**PD1**

Yes

Policy or policies include

- Air pollutants
- Biodiversity and habitat protection
- Contamination
- Energy
- Greenhouse gas emissions
- Invasive species
- Resilience to catastrophe/disaster
- Resilience (adaptation) to climate change
- Water
- Waste
- Other issues \_\_\_\_\_

What are the most material environmental issues for this entity?  
(maximum 250 words) (for reporting purposes only)

Policy or policies also apply to

- Supply chain
- Contractors
- Other \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

**Supply chain / contractors covered by applicable ESG Policy/Policies**

- > 0%, < 25%
- ≥ 25%, < 50%
- ≥ 50%, < 75%
- ≥ 75%, ≤ 100%

Yes

Policy or policies include

- Child labor
- Community / other stakeholder relations
- Customer satisfaction
- Discrimination
- Employee engagement
- Forced or compulsory labor
- Freedom of association
- Gender and diversity
- Health and safety: employees
- Health and safety: customers
- Health and safety: community
- Health and safety: supply chain
- Labor standards and working conditions
- Other issues \_\_\_\_\_

What are the most material social issues for this entity?  
(maximum 250 words) (for reporting purposes only)

---

Policy or policies also apply to

- Supply chain
- Contractors
- Other \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

---

**Supply chain / contractors covered by applicable ESG Policy/Policies**

- > 0%, < 25%
- ≥ 25%, < 50%
- ≥ 50%, < 75%
- ≥ 75%, ≤ 100%

**Does this entity or its operator have a policy or policies on governance issues?**

Yes

Policy or policies include

- Audit committee structure/independence
- Board composition
- Bribery and corruption
- Compensation committee structure/independence
- Executive compensation
- Data protection and privacy
- Fraud
- Fiduciary duty
- Independence of Board chair
- Lobbying activities
- One share/one vote
- Political contributions
- Whistleblower protection
- Other issues \_\_\_\_\_

What are the most material governance issues for this entity?  
(maximum 250 words) (for reporting purposes only)

---

Policy or policies also apply to

- Supply chain
- Contractors
- Other \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

---

**Supply chain / contractors covered by applicable ESG Policy/Policies**

- > 0%, < 25%
- ≥ 25%, < 50%
- ≥ 50%, < 75%
- ≥ 75%, ≤ 100%

**Does this entity or its operator have third-party review of the entity's ESG reporting and/or data?**

Yes

ESG reporting

- Internally verified by (name/department)\_\_\_\_\_
- Externally checked by \_\_\_\_\_
- Externally verified by\_\_\_\_\_
- Externally assured by \_\_\_\_\_

Environmental data

- Internally verified by (name/department)\_\_\_\_\_
- Externally checked by \_\_\_\_\_
- Externally verified by\_\_\_\_\_
- Externally assured by \_\_\_\_\_

Social data

- Internally verified by (name/department)\_\_\_\_\_
- Externally checked by \_\_\_\_\_
- Externally verified by\_\_\_\_\_
- Externally assured by \_\_\_\_\_

Governance data

- Internally verified by (name/department)\_\_\_\_\_
- Externally checked by \_\_\_\_\_
- Externally verified by\_\_\_\_\_
- Externally assured by \_\_\_\_\_

Information submitted in this assessment (GRESB Infrastructure)

- Internally verified by (name/department)\_\_\_\_\_
- Externally checked by \_\_\_\_\_
- Externally verified by\_\_\_\_\_
- Externally assured by \_\_\_\_\_

Other ESG information

- Internally verified by (name/department)\_\_\_\_\_
- Externally checked by \_\_\_\_\_
- Externally verified by\_\_\_\_\_
- Externally assured by \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found \_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

\_\_\_\_\_

**PD5**

**Has a formal impact assessment been performed for this entity?**

**PD6**

Yes

Types of formal assessment performed

Environmental impact statement/report/assessment

Last performed \_\_\_\_\_

Health Impact Assessment

Last performed \_\_\_\_\_

Social Impact Assessment

Last performed \_\_\_\_\_

Community needs assessment

Last performed \_\_\_\_\_

Human rights assessment

Last performed \_\_\_\_\_

Other assessment \_\_\_\_\_

Last performed \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found \_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

\_\_\_\_\_

Yes

Communication strategy

Public website

ESG Policy/Policies

ESG Targets

ESG Actions

ESG Performance

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_

No

Section of Annual Report

ESG Policy/Policies

ESG Targets

ESG Actions

ESG Performance

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_

No

Integrated Report

ESG Policy/Policies

ESG Targets

ESG Actions

ESG Performance

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_

No

- Sustainability report
  - ESG Policy/Policies
  - ESG Targets
  - ESG Actions
  - ESG Performance

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_

No

- Investor reporting
  - ESG Policy/Policies
  - ESG Targets
  - ESG Actions
  - ESG Performance

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_

No

- Other\_\_\_\_\_
  - ESG Policy/Policies
  - ESG Targets
  - ESG Actions
  - ESG Performance

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

---

**Does the entity have a process to communicate about ESG-related misconduct, penalties, incidents or accidents?**

Yes

The entity would communicate misconduct, penalties, incidents or accidents to

- Investors
- Public
- Other stakeholders \_\_\_\_\_

Application of the communication process (for reporting purposes only)

- The entity has used one or more of these communications processes during the reporting period.
- The entity did not use any of these communication processes during the reporting period.

Describe the process (maximum 250 words)

\_\_\_\_\_

No

Provide additional context for the answer provided (maximum 250 words)

\_\_\_\_\_



# Risks & Opportunities

2016 Indicator

**R01**

**Has an environmental risk assessment, applying to this entity, taken place within the last three years?**

**R01**

Yes

Issues for which risk is assessed (select all that apply)

- Air pollutants
- Biodiversity and habitat protection
- Contamination
- Energy
- Greenhouse gas emissions
- Invasive species
- Resilience to catastrophe/disaster
- Resilience (adaptation) to climate change
- Water
- Waste
- Other \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

\_\_\_\_\_

## Has a social risk assessment, applying to this entity, taken place within the last three years?

Yes

Issues for which risk is assessed (select all that apply)

- Child labor
- Community / other stakeholder relations
- Customer satisfaction
- Discrimination
- Employee engagement
- Forced or compulsory labor
- Freedom of association
- Gender and diversity
- Health and safety: employees
- Health and safety: customers
- Health and safety: community
- Health and safety: supply chain
- Labor standards and working conditions
- Other \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

---

### Has a governance risk assessment, applying to this entity, taken place within the last three years?

Yes

Issues for which risk is assessed (select all that apply)

- Audit committee structure/independence
- Board composition
- Bribery and corruption
- Compensation committee structure/independence
- Executive compensation
- Data protection and privacy
- Fraud
- Fiduciary duty
- Independence of Board chair
- Lobbying activities
- Political contributions
- Whistleblower protection
- Other \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

\_\_\_\_\_



# Implementation

2016 Indicator

IM1

**Can the entity provide specific examples of actions taken to mitigate ESG related risk or improve ESG performance?**

IM1

Yes

Describe specific examples of actions taken to improve ESG performance during the last 3 years. The goal is to provide illustrative examples of tangible actions that demonstrate the entity's progress.

ESG issues addressed by action (1)	Keywords describing action (2)	Description of action (3)	Fraction of entity covered by action (4)	Context (5)
Environmental				
Select				
+ Add another action				
Social				
Select				
+ Add another action				
Governance				
Select				
+ Add another action				

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

\_\_\_\_\_

## Explanation of fields

### (1) Categories of ESG issues (select applicable issue for each activity)

Environmental categories	Social categories	Governance categories
<ul style="list-style-type: none"> <li>• Air pollutants</li> <li>• Biodiversity and habitat protection</li> <li>• Contamination</li> <li>• Energy</li> <li>• Greenhouse gas emissions</li> <li>• Invasive species</li> <li>• Resilience to catastrophe/disaster</li> <li>• Resilience (adaptation) to climate change</li> <li>• Water</li> <li>• Waste</li> <li>• Other _____</li> </ul>	<ul style="list-style-type: none"> <li>• Child labor</li> <li>• Customer satisfaction</li> <li>• Discrimination</li> <li>• Employee engagement</li> <li>• Forced or compulsory labor</li> <li>• Freedom of association</li> <li>• Gender and diversity</li> <li>• Health and safety: employees</li> <li>• Health and safety: customers</li> <li>• Health and safety: community</li> <li>• Health and safety: supply chain</li> <li>• Labor standards and working conditions</li> <li>• Other _____</li> </ul>	<ul style="list-style-type: none"> <li>• Audit committee structure/independence</li> <li>• Board composition</li> <li>• Bribery and corruption</li> <li>• Compensation committee structure/independence</li> <li>• Executive compensation</li> <li>• Data protection and privacy</li> <li>• Fraud</li> <li>• Fiduciary duty</li> <li>• Independence of Board chair</li> <li>• Lobbying activities</li> <li>• One share/one vote</li> <li>• Political contributions</li> <li>• Whistleblower protection</li> <li>• Other _____</li> </ul>

### (2) Keywords describing the activity (e.g. energy efficiency, discrimination)

### (3) Description of the activity (50 words maximum)

### (4) Classify the fraction of the entity covered by the action

- ▼ A small fraction (<25%) of operations
- ▼ The minority (>=25, <50%) of operations
- ▼ The majority (>=50%, <100% of operations)
- ▼ Entire entity (100%) of operations
- ▼ Unknown

### (5) Provide context (50 words maximum)



**ME1**

**Is there an Environmental Management System (EMS) or comparable framework that applies to this entity?**

**ME1**

Yes

Is the EMS or framework aligned with a third-party standard?

Yes

ISO 14001

BS7750

EU Eco-Management and Audit Scheme

Other standard \_\_\_\_\_

No

Has the EMS or framework been verified or certified by a third-party?

Yes

Verification by \_\_\_\_\_

Certification by \_\_\_\_\_

No

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

---

## Is ESG performance data collected for this entity?

Yes

Type of ESG data collected by the entity

Environmental performance data

List specific data collected (for reporting purposes only)

\_\_\_\_\_

Social performance data

List specific data collected (for reporting purposes only)

\_\_\_\_\_

Governance performance data

List specific data collected (for reporting purposes only)

\_\_\_\_\_

Other data \_\_\_\_\_

List specific data collected (for reporting purposes only)

\_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found \_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

\_\_\_\_\_



# Stakeholder Engagement

---

2016 Indicator

**SE1**

**Is there a stakeholder engagement program in place that applies to this entity?**

**SE1**

Yes

Elements of the stakeholder engagement program

- Planning and preparation for engagement
- Implementation of engagement plan
- Program review and evaluation
- Other \_\_\_\_\_

Align with third-party standard

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

---

## Is there a process for stakeholders to communicate grievances that applies to this entity?

Yes

Describe the elements of the process (select all that apply)

- Anonymous communications
- 24/7 availability (e.g., phone, e-mail, post)
- Clear prohibition against retaliation
- Fair and independent review
- Other \_\_\_\_\_

Describe the use of the process during the reporting period (select all that apply) (for reporting purposes only)

- Number of grievances communicated \_\_\_
- Summary of types of grievances \_\_\_\_\_ (50 word limit)
- Summary of types of resolutions for grievances \_\_\_\_\_ (50 word limit)

Which stakeholders does the process apply to? (select all that apply)

- Employees
- Contractors
- Clients
- Supply chain
- Community
- Investors
- Other \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found \_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

---

**Can specific examples of actions taken to implement the stakeholder engagement program for this entity be provided?**

Yes

Describe specific, illustrative actions to implement its stakeholder engagement program over the last 3 years

Type of activity	Description of the activity	Stakeholder group(s) involved (1)	Nature of activity (2)	Benefits of the activity (3)
+ Add an activity				
+ Add an activity				

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL\_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

\_\_\_\_\_

Explanation of fields

**(1) Classify the stakeholder group addressed in the activity**

- ▼ Employees
- ▼ Community
- ▼ Supply chain
- ▼ Regulators/government
- ▼ Other \_\_\_\_\_

**(2) Classify the nature of the engagement**

- ▼ Dialog (e.g. exchange of information, feedback)
- ▼ Education
- ▼ Services
- ▼ Research
- ▼ Philanthropy
- ▼ Other \_\_\_\_\_

**(3) Describe the intended benefit of the action**

\_\_\_\_\_



# Performance Indicators

2016 Indicator

## PI1 Can the entity report on measures of output?

PI1

Yes

Indicator	Units	Baseline	+	History			Targets		
				2014	2015	2016	Target year	Target year	Target year
From RC4			+						
+ Add an metric									

No

Provide additional context for the answer provided (maximum 250 words)

---

## PI2 Can the entity report on health and safety performance?

PI2

Yes

Indicator	Units	Baseline	+	History			Targets		
				2014	2015	2016	Target year	Target year	Target year
<b>Employees</b>									
Fatalities			+						
Reportable injuries			+						
+ Add an metric									
<b>Customer</b>									
Fatalities			+						
Reportable injuries			+						
+ Add an metric									
<b>Community</b>									
Fatalities			+						
Reportable injuries			+						
+ Add an metric									

Provide the standards, methodologies and assumptions used. Optionally, provide information on interpretation and performance data and targets (maximum 250 words)

---

No

PI3

Can the entity report on energy generated and purchased?

PI3

Yes

Indicator	Units	Baseline	+	History			Targets		
				2014	2015	2016	Target year	Target year	Target year
Total energy generated			+						
+ Add an metric									
Total energy purchased			+						
+ Add an metric									

Provide the standards, methodologies and assumptions used. Optionally, provide information on interpretation and performance data and targets (maximum 250 words)

---

No

PI4

Can the entity report on greenhouse gas emissions?

PI4

Yes

Indicator	Units	Baseline	+	History			Targets		
				2014	2015	2016	Target year	Target year	Target year
<b>Emissions generated</b>									
Scope 1	mTCO <sub>2</sub> e		+						
Scope 2	mTCO <sub>2</sub> e		+						
+ Add an metric									
<b>Emissions avoided</b>									
Scope 1	mTCO <sub>2</sub> e		+						
Scope 2	mTCO <sub>2</sub> e		+						
+ Add an metric									
<b>Emissions absorbed</b>									
Scope 1	mTCO <sub>2</sub> e		+						
Scope 2	mTCO <sub>2</sub> e		+						
+ Add an metric									

Provide the standards, methodologies and assumptions used. Optionally, provide information on interpretation and performance data and targets (maximum 250 words)

---

No

Can the entity report on air pollutant emissions?

Yes

Indicator	Units	Baseline	+	History			Targets		
				2014	2015	2016	Target year	Target year	Target year
<b>Emissions generated</b>									
SOx	Intensity		+						
NOx	Intensity		+						
PM2.5	Intensity		+						
PM10	Intensity		+						
+ Add an metric									
<b>Emissions avoided</b>									
SOx	Intensity		+						
NOx	Intensity		+						
PM2.5	Intensity		+						
PM10	Intensity		+						
+ Add an metric									

Provide the standards, methodologies and assumptions used. Optionally, provide information on interpretation and performance data and targets (maximum 250 words)

---

No

Can the entity report on water use?

Yes

Indicator	Units	Baseline	+	History			Targets		
				2014	2015	2016	Target year	Target year	Target year
<b>Withdrawals</b>									
Potable water supply	Volume		+						
Surface water	Volume		+						
Seawater	Volume		+						
Rainwater	Volume		+						
+ Add an metric									
<b>Consumption</b>									
Total	Volume		+						
+ Add an metric									
<b>Discharged</b>									
Municipal Treatment Plant	Volume		+						
Surface water	Volume		+						
Seawater	Volume		+						
Groundwater	Volume		+						
+ Add an metric									
<b>Reused and Recycling</b>									
Total	Volume		+						
+ Add an metric									

Provide the standards, methodologies and assumptions used. Optionally, provide information on interpretation and performance data and targets (maximum 250 words)

No

Yes

Indicator	Units	Baseline	+	History			Targets		
				2014	2015	2016	Target year	Target year	Target year
<b>Waste generation</b>									
Hazardous	Mass		+						
Non-hazardous	Mass		+						
+ Add an metric									
<b>Discharged</b>									
Recycling	Mass		+						
Incineration	Mass		+						
Landfill	Mass		+						
+ Add an metric									

Provide the standards, methodologies and assumptions used. Optionally, provide information on interpretation and performance data and targets (maximum 250 words)

No

Can the entity report on biodiversity and habitat?

Yes

Indicator	Units	Baseline	+	History			Targets		
				2014	2015	2016	Target year	Target year	Target year
<b>Wildlife</b>									
Wildlife fatalities	Count		+						
T&E species fatalities	Count		+						
+ Add an metric									
<b>Habitat management</b>									
Habitat removed	Ha		+						
Habitat enhanced or restored	Ha		+						
Habitat protected (on-site)	Ha		+						
Habitat protected (off-site)	Ha								
+ Add an metric									

Provide the standards, methodologies and assumptions used. Optionally, provide information on interpretation and performance data and targets (maximum 250 words)

---

No



# Certifications & Awards

2016 Indicator

CA1

**Did the entity maintain or achieve entity-level accreditations for ESG-related management and/or performance?**

CA1

Yes

List entity-level accreditations or certifications maintained or achieved in the last 3 years (select all that apply)

- ISO 9000      Date first accredited \_\_\_\_\_ % of operations ▼
- ISO 14001      Date first accredited \_\_\_\_\_ % of operations ▼
- OHSAS 18001      Date first accredited \_\_\_\_\_ % of operations ▼
- ISO 26000      Date first accredited \_\_\_\_\_ % of operations ▼
- ISO 55000      Date first accredited \_\_\_\_\_ % of operations ▼
- ISO 50001      Date first accredited \_\_\_\_\_ % of operations ▼
- Other \_\_\_\_\_ Date first accredited \_\_\_\_\_ % of operations ▼

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

Indicate the percentage of the entities operations covered by each certification/ accreditation. The entity may select its own method of calculation to define the percentage, such as number of facilities or fraction of employees. The calculation method must be described in the evidence.

- ▼ > 0%, < 25%
- ▼ ≥ 25%, < 50%
- ▼ ≥ 50%, < 75%
- ▼ ≥ 75%, ≤ 100%
- ▼ Unknown

## Did the entity maintain or achieve project-level certifications for ESG-related management and/or performance?

Yes

List project(s) and/or certifications achieved

Project name	Date of award	Scheme name/Sub-scheme name/Level (1)	Phase (2)
+ Add a project			

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

### (1) Scheme Name/Sub-scheme Name

Select from Certifications Database or Add

### (2) Phases

- ▼ Planning and design
- ▼ Construction
- ▼ Operations

## Did the entity receive awards for ESG-related actions, performance or achievements? (for reporting purposes only)

Yes

Information about third-party awards

Award name	Organization issuing award	Date of award	Basis for award
+ Add an award			

Can the entity provide evidence as an UPLOAD or URL?

Yes

**Upload** OR URL \_\_\_\_\_

Indicate where in the evidence the relevant information can be found\_\_\_\_\_

No

No

Provide additional context for the answer provided (maximum 250 words)

**Was the entity the subject of case studies, research, or similar publications describing its ESG management and/or performance? (for reporting purposes only)**

Yes

Information about case studies or similar publications

Case study	Organization conducting case study	Description	Evidence (1)
+ Add a case study			

No

Provide additional context for the answer provided (maximum 250 words)

(1) Provide evidence that can be shared with investors and other participants. Entities are encouraged to provide the simplest form of evidence that convincingly documents the activity. Entities also have the option to create and share a GRESB Innovation Case Study.

- Provide a link (URL) to a description of the activity
- Create a GRESB Innovation Case Study