



2016 GRESB Infrastructure Asset Assessment

April 1, 2016

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Entity & Reporting Characteristics

ER1 Legal name of the entity

Common name: _____

Legal name: _____

Operator name: _____

ER2 Location of the entity's headquarters office

Street address: _____

City: _____

Postcode: _____

Country: _____

ER3 Country/Countries of operation

Select multiple and indicate estimated fraction of operations:

For each selected :

Country _____ ; _____ % of operations

Explain method used to establish the percentage of operations in each country:
(maximum 250 words) _____

ER4 Reporting period

Calendar year

Fiscal year

Specify the starting month _____

ER5 Reporting currency

Values are reported in:

Euro (EUR)

Japanese Yen (JPY)

Pound Sterling (GBP)

Malaysian Ringgit (MYR)

United States Dollar (USD)

Mexican Peso (MXN)

Australian Dollar (AUD)

Singapore Dollar (SGD)

Brazilian Real (BRL)

South African Rand (ZAR)

Canadian Dollar (CAD)

South Korean Won (KRW)

Chinese Yuan (CNY)

Swedish Krona (SEK)

Danish Krone (DKK)

Swiss Franc (CHF)

Hong Kong Dollar (HKD)

Other _____

Indian Rupee (INR)

ER6 Industry associations

List memberships in industry associations (e.g., GIIA, LTIIA, or sector-specific associations). Please include name of association and URL for association website: _____

ER7 Nature of the entity

The entity is a:

Public company

ISIN: _____

Ticker Symbol: _____

Exchange (select all that apply):

Select exchanges ▼

Other: _____

Private company

Non-profit organization

Governmental organization

Other: _____

ER8 Classification of economic size

Describe the entity's economic size (e.g., regulated asset base, net asset value)

Value: _____

Units: _____

ER9 Infrastructure 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. Describe the weighting approach from the following options 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 (2211)** %

Regulatory regime(s)

Describe the entity's regulatory regime¹: _____

Type of system and measures of capacity and output (for use in Performance Indicator 1²), multiple selections are possible

■ Coal

Installed capacity: _____ (MW)

Generation: _____ (MWh)

■ Petroleum

Installed capacity: _____ (MW)

Generation: _____ (MWh)

■ Natural gas

Installed capacity: _____ (MW)

Generation: _____ (MWh)

■ Other gases:

Installed capacity: _____ (MW)

Generation: _____ (MWh)

■ Other: _____

Installed capacity: _____ (MW)

Generation: _____ (MWh)

■ **Renewable generation, utility scale (22119)** %

Regulatory regime(s)

Describe the entity's regulatory regime: _____

Type of system and measures of capacity and output (for use in Performance Indicator 1)

■ *Biomass, wood (221117)*

Installed capacity: _____ (MW)

Generation: _____ (MWh)

■ *Biomass, waste (221117)*

Installed capacity: _____ (MW)

Generation: _____ (MWh)

¹ "A regulatory regime is defined as a local, subnational, national, or regional area where there is a common regulatory framework". www.globalreporting.org/resource/library/GRI-G4-Electric-Utilities-Sector-Disclosures.pdf.

² Classification follows U.S. Energy Information Agency, report installed (MW), generated (MWh)

Solid waste combustion/incineration (562213)

Installed capacity: _____ (MW)

Generation: _____ (MWh)

Geothermal (221116)

Installed capacity: _____ (MW)

Generation: _____ (MWh)

Solar/PV (221114)

Installed capacity: _____ (MW)

Generation: _____ (MWh)

Solar/CSP

Installed capacity: _____ (MW)

Generation: _____ (MWh)

Wind, on-shore (221115)

Installed capacity: _____ (MW)

Generation: _____ (MWh)

Wind, off-shore (221115)

Installed capacity: _____ (MW)

Generation: _____ (MWh)

Renewable hydroelectric power, dam

Installed capacity: _____ (MW)

Generation: _____ (MWh)

Renewable hydroelectric power, run-of-river

Installed capacity: _____ (MW)

Generation: _____ (MWh)

Other: _____

Installed capacity: _____ (MW)

Generation: _____ (MWh)

■ **Renewable generation, distributed (22119)** ____%

Regulatory regime(s)

Describe the entity's regulatory regime: _____

Type of generation and measures of capacity and output (for use in Performance Indicator 1)

■ *Solar/PV (221114)*

Installed capacity: _____ (MW)

Generation: _____ (MWh)

Number of generation locations: _____

■ *Other: _____*

Installed capacity: _____ (MW)

Generation: _____ (MWh)

■ **Other Generation (22119)** ____%

Regulatory regime(s)

Describe the entity's regulatory regime: _____

Type of generation and measures of capacity and output (for use in Performance Indicator 1)

■ *Nuclear Electric Power (221113)*

Installed capacity: _____ (MW)

Generation: _____ (MWh)

■ *Hydroelectric pumped storage*

Installed capacity: _____ (MW)

Generation: _____ (MWh)

■ *Conventional (large) hydroelectric power (221111)*

Installed capacity: _____ (MW)

Generation: _____ (MWh)

■ *Other: _____*

Installed capacity: _____ (MW)

Generation: _____ (MWh)

■ **Combined Heat and Power** %

Regulatory regime(s)

Describe the entity's regulatory regime: _____

Type of system and measures of capacity and output (for use in Performance Indicator 1)

■ Diesel engine

Electric, capacity: _____ (MW)

Generation: _____ (MWh)

Thermal, capacity: _____ (Btu/kWh)

Generation: _____ (MMBtu)

■ Natural gas engine

Electric, capacity: _____ (MW)

Generation: _____ (MWh)

Thermal, capacity: _____ (Btu/kWh)

Generation: _____ (MMBtu)

■ Steam turbine

Electric, capacity: _____ (MW)

Generation: _____ (MWh)

Thermal, capacity: _____ (Btu/kWh)

Generation: _____ (MMBtu)

■ Gas turbine

Electric, capacity: _____ (MW)

Generation: _____ (MWh)

Thermal, capacity: _____ (Btu/kWh)

Generation: _____ (MMBtu)

■ Micro-turbine

Electric, capacity: _____ (MW)

Generation: _____ (MWh)

Thermal, capacity: _____ (Btu/kWh)

Generation: _____ (MMBtu)

■ Fuel cells

Electric, capacity: _____ (MW)

Generation: _____ (MWh)

Thermal, capacity: _____ (Btu/kWh)

Generation: _____ (MMBtu)

- *Other:* _____
 Electric, capacity: _____ (MW)
 Generation: _____ (MWh)
 Thermal, capacity: _____ (Btu/kWh)
 Generation: _____ (MMBtu)

■ **Energy Efficiency** _____ %

Nature of business activity

Describe the nature of the entity's energy efficiency-related business activities: _____

Type of projects

- Project finance
- Other: _____

Primary measures of output (selected items will be used in Performance Indicator 1)

- Number of projects: _____
- Total electricity savings: _____ (MWh)
- Total thermal energy savings: _____ (MMBtu)
- Other: _____, _____ (units)

■ **Energy Transmission and Distribution** _____ %

■ **Electric Power Distribution** _____ %

Regulatory regime(s)

Describe the entity's regulatory regime: _____

Size of system, select all that apply:

- Length of distribution system: _____, _____ (units)
- Other: _____, _____ (units)

Number of accounts

- Residential: _____ %
- Industrial: _____ %
- Commercial: _____ %

Primary measures of output (selected items will be used in Performance Indicator 1)

- Other: _____, _____ (units)

■ **Electric Power Storage** %

Regulatory regime(s)

Describe the entity's regulatory regime: _____

Type of storage, select all that apply:

- Solid state batteries
- Flow batteries
- Flywheels
- Compressed air
- Thermal
- Pumped hydro-power

Describe the size of the entity's storage activity

- Total storage capacity: _____ , _____ (units)
- Other: _____ , _____ (units)

Primary measures of output (selected items will be used in Performance Indicator 1)

- Other: _____

■ **Natural Gas Distribution (221210)** %

Regulatory regime(s)

Describe the entity's regulatory regime: _____

Type of pipeline (select all that apply)

- Transnational
- Interstate
- Local distribution
- Other: _____

System size and capacity

- Maximum system capacity³: _____ , _____ (units)
- System length: _____ , _____ (units)
- Other: _____ , _____ (units)

Pipeline pressure

- High pressure: _____ , _____ (units)
- Low pressure: _____ , _____ (units)
- Other: _____ , _____ (units)

³ Capacity may be expressed in units such as million cubic feet per day or equivalent.

Primary measures of output (selected items will be used in Performance Indicator 1)

- Average volume distributed per day: _____ , _____ (units)
- Total volume distributed: _____ , _____ (units)
- Other: _____ , _____ (units)

Natural Gas Storage (486210) ____%

Regulatory regime(s)

Describe the entity's regulatory regime: _____

Type of natural gas storage

Describe the entity's gas storage activity: _____

System size and capacity

- Capacity, maximum working gas volume: _____ , _____ (units)
- Other: _____ , _____ (units)

Primary measures of output (selected items will be used in Performance Indicator 1)

- Average daily working gas volume: _____ , _____ (units)
- Annual total working gas volume: _____ , _____ (units)
- Other: _____ , _____ (units)

Telecommunications

Wired Telecommunications (517110) ____%

Type of wired telecommunications

Describe the entity's activities: _____

Describe the system size: _____

Primary measures of output (selected items will be used in Performance Indicator 1)

- Other: _____ , _____ (units)

Wireless Telecommunications (517210) ____%

Type of wireless telecommunications

Describe the entity's activities: _____

- Number (e.g, towers): _____
- Other: _____

Primary measures of output (selected items will be used in Performance Indicator 1)

- Other: _____ , _____ (units)

■ **Water Resource Management**

■ **Flood control (237990)** %

Type of flood control activities

Describe the entity's activities: _____

Type of activities

- Coastal flood control
- Riverine flood control
- Other: _____

System capacity or size

- Maximum size or capacity: _____ , _____ (units)
- Other: _____ , _____ (units)

Primary measures of output (selected items will be used in Performance Indicator 1)

- Other: _____ , _____ (units)

■ **Coastal and Riverine Locks (4449)** %

Type of activities

Describe the entity's activities: _____

Type of activities (select all that apply)

- Coastal locks
- Riverine locks
- Other: _____

System capacity or size

- Maximum size or capacity: _____ , _____ (units)
- Other: _____ , _____ (units)

Primary measures of output (selected items will be used in Performance Indicator 1)

- Other: _____ , _____ (units)

■ **Water Supply** %

Type of water supply and irrigation systems

Describe the entity's activities: _____

Elements included:

- Water purification facilities
- Water storage facilities
- Pumping stations
- Pipe networks
- Other: _____

Risk Metrics, use: aqueduct.wri.org

Location used in Aqueduct:

- Postal address

Street address: _____

City: _____

State: _____

Country: _____

- Coordinates: _____ , _____ (latitude, longitude)

Data from Aqueduct:

- Overall water risk: _____
 - Unknown/data not available
- Physical risk, quantity: _____
 - Unknown/data not available
- Physical risk, quality: _____
 - Unknown/data not available
- Access to (clean) water: _____
 - Unknown/data not available

System capacity or size

- Maximum size or capacity: _____ , _____ (units)
- Other: _____ , _____ (units)

Primary measures of output (selected items will be used in Performance Indicator 1)

- Volume of water supplied: _____ , _____ (units)
- Other: _____ , _____ (units)

■ **Sewer Line Systems (237110)**

%

Type of sewer line systems

Describe the entity's activities: _____

Type of sewer line systems⁴ (select all that apply)

- Combined sewers
- Separate sewers
- Simplified sewers
- Solid free sewers
- Pressurized sewers
- Vacuum sewers
- Open channel drains
- Other: _____

Location used in Aqueduct:

- Postal address
 - Street address: _____
 - City: _____
 - State: _____
 - Country: _____
- Coordinates: _____ , _____ (latitude, longitude)

Data from Aqueduct:

- Overall water risk: _____
 - Unknown/data not available
- Physical risk, quantity: _____
 - Unknown/data not available
- Physical risk, quality: _____
 - Unknown/data not available
- Access to (clean) water: _____
 - Unknown/data not available

System capacity and utilization

- Maximum size or capacity: _____ , _____ (units)
- Other: _____ , _____ (units)

⁴ See UNESCO

Primary measure(s) of output (selected items will be used in Performance Indicator 1)

- Volume of water treated: _____ , _____ (units)
- Other: _____ , _____ (units)

Sewage Treatment Facilities (221320) _____ %

Type of operations

Describe the entity's activities: _____

Risk Metrics, use: aqueduct.wri.org

Location used in Aqueduct:

- Postal address
Street address: _____
City: _____
State: _____
Country: _____
- Coordinates: _____ , _____ (latitude, longitude)

Data from Aqueduct:

- Overall water risk: _____
 - Unknown/data not available
- Physical risk, quantity: _____
 - Unknown/data not available
- Physical risk, quality: _____
 - Unknown/data not available
- Access to (clean) water: _____
 - Unknown/data not available

Context

Total wastewater volume produced in the region: _____

Percentage of wastewater produced in the region: _____

System capacity and utilization

- Maximum size or capacity: _____ , _____ (units)
- Other: _____ , _____ (units)

Primary measure(s) of output (selected items will be used in Performance Indicator 1)

- Volume of water treated: _____ , _____ (units)
- Other: _____ , _____ (units)

■ **Waste Treatment and Disposal** %

■ **Nonhazardous Waste Treatment and Disposal (562219)** %

Type of operations

Describe the entity's activities: _____

Primary measure(s) of output (selected items will be used in Performance Indicator 1)

■ Waste handled: _____ , _____ (units)

■ Other: _____ , _____ (units)

■ **Hazardous Waste Treatment and Disposal (562211)** %

Type of operations

Describe the entity's activities: _____

Primary measure(s) of output (selected items will be used in Performance Indicator 1)

■ Waste handled: _____ , _____ (units)

■ Other: _____ , _____ (units)

■ **Transportation**

■ **Airport (488119)** %

Type of operations

Describe the entity's activities: _____

Airport identifier

■ IATA Code (IATA): _____

Type of airport (Classification from US FAA)

■ Large hub

■ Non-primary commercial service

■ Medium hub

■ Reliever

■ Small hub

■ General aviation

■ Non-hub primary

■ Other: _____

Primary measure(s) of output (selected items will be used in Performance Indicator 1)⁵

■ Total passengers: _____

■ Total cargo: _____ (metric tons)

■ Other: _____ , _____ (units)

⁵ See US BTS or Airport Council International

⁶ Total airport cargo, see Airports Council International

■ **Railroad (4821)** %

Type of operations

Describe the entity's activities: _____

Type of rail network, select all that apply:

- Line-Haul Railroad (482111)
- Short Line Railroad (282112)
- Other: _____

System size

- Length of rail system: _____, _____ (units)

Primary measure(s) of output (selected items will be used in Performance Indicator 1)

- Total passenger distance traveled: _____, _____ (units)
- Total cargo handled: _____, _____ (units)
- Other: _____, _____ (units)

■ **Rolling Stock (336510)** %

Type of operations

Describe the entity's activities: _____

Type of rolling stock:

- | | |
|---|-------------------------------------|
| <input type="checkbox"/> Aerial tram | <input type="checkbox"/> Light rail |
| <input type="checkbox"/> Automated guideway | <input type="checkbox"/> Monorail |
| <input type="checkbox"/> Heavy rail | <input type="checkbox"/> Streetcar |
| <input type="checkbox"/> Hybrid rail | <input type="checkbox"/> Subway |
| <input type="checkbox"/> Other: _____ | |

Primary measure(s) of output (selected items will be used in Performance Indicator 1)

- Number of rolling stock units: _____
- Total cargo handled: _____, _____ (units)
- Other: _____, _____ (units)

■ **Ports (48831)** %

Type of operations

Describe the entity's activities: _____

Primary measure(s) of output (selected items will be used in Performance Indicator 1)

- Container traffic (TEU)⁷: _____
- Total cargo handled: _____ , _____ (units)
- Other: _____ , _____ (units)

■ **Toll Road Operations (488490)** %

Type of operations

Describe the entity's activities: _____

Type of roadway, select all that apply:

- Tunnel(s)
- Bridge(s)
- Road, single
- Road, multiple/network
- Other: _____

System size

- Length of roadway: _____ , _____ (units)

Primary measure(s) of output (selected items will be used in Performance Indicator 1)

- Number of vehicles: _____
- Distance traveled: _____ , _____ (units)
- Other: _____ , _____ (units)

⁷ TEU: twenty-foot equivalent units, see [AAPA Port Rankings](#)

■ **Social**

■ **Schools (6111)** %

Type of operations

Describe the entity's activities: _____

Type of school, select all that apply:

- Elementary and Secondary (611110)
- Junior college (611210)
- College, university (611310)
- Business, secretarial (611410)
- Miscellaneous education (611699)
- Other: _____

Size and capacity

- Floor area of facilities (gross): _____ , _____ (units)
- Number of facilities: _____
- Student population: _____
- Other: _____ , _____ (units)

Primary measure(s) of output (selected items will be used in Performance Indicator 1)

- Other: _____ , _____ (units)

■ **Convention (531120)** %

Type of operations

Describe the entity's activities: _____

Size and capacity

- Floor space of facilities (gross): _____ , _____ (units)
- Number of facilities: _____
- Other: _____ , _____ (units)

Primary measure(s) of output (selected items will be used in Performance Indicator 1)

- Number of visitors: _____
- Other: _____ , _____ (units)

■ **Government Buildings** %

Type of operations

Describe the entity's activities: _____

Type of government buildings (select all that apply):

- | | |
|---|---|
| <input type="checkbox"/> Education | <input type="checkbox"/> Office |
| <input type="checkbox"/> Food sales/service | <input type="checkbox"/> Public assembly |
| <input type="checkbox"/> Health care (inpatient) | <input type="checkbox"/> Public order and safety (including courts) |
| <input type="checkbox"/> Health care (outpatient) | <input type="checkbox"/> Religious worship |
| <input type="checkbox"/> Lodging | <input type="checkbox"/> Service |
| <input type="checkbox"/> Mercantile | <input type="checkbox"/> Warehouse and storage |
| <input type="checkbox"/> Military | <input type="checkbox"/> Other: _____ |

Size

- Floor space of facilities (gross): _____ , _____ (units)
- Number of facilities: _____
- Other: _____ , _____ (units)

Primary measure(s) of output (selected items will be used in Performance Indicator 1)

- Number of occupants: _____
- Other: _____ , _____ (units)

■ **Aged care (623110)** %

Type of operations

Describe the entity's activities: _____

Type of aged care

- Nursing care facilities (623110)
- Assisted living facilities (623312)
- Other: _____

Size

- Floor space of facilities: _____ , _____ (units)
- Number of facilities: _____ , _____ (units)

Primary measure(s) of output (selected items will be used in Performance Indicator 1)

- Number of residents: _____
- Other: _____ , _____ (units)

■ **Correctional Facilities (922140)** %

Type of operations

Describe the entity's activities: _____

Type of correctional facility

- Juvenile facilities
- Local jail
- State or regional prison
- National prison
- Other: _____

Size

- Design capacity (number of beds): _____
- Floor space of facilities (gross): _____ , _____ (units)
- Number of facilities: _____
- Other: _____ , _____ (units)

Primary measure(s) of output (selected items will be used in Performance Indicator 1)

- Imprisoned population: _____
- Other: _____ , _____ (units)

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



Management

MA1 Does the entity specifically address ESG issues in its long-term strategic plan(s)?

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 supporting evidence OR provide URL: _____

Reference _____

No

No

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

MA2 Does the entity have a senior decision-maker accountable for ESG issues?

Yes

Name _____

Job title _____

E-mail _____

LinkedIn profile (optional) _____

This senior decision maker is part of the:

- Board of Directors
- Senior Management Team
- Other: _____

No

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

MA3**Are ESG factors included in performance targets for the entity's senior leadership?**

Yes

Senior leadership has targets for:

- Environment performance
- Social performance
- Governance performance
- Other: _____

Does performance on these targets have pre-determined consequences?

Yes

Positive consequences for meeting or exceeding ESG targets (select all that apply):

- Positive recognition
- Non-financial award
- Financial award
- Other consequences: _____

Negative consequences for not achieving ESG targets (select all that apply):

- Negative recognition
- Loss of financial compensation
- Additional support, resources and/or training
- Other consequences: _____

No

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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

MA4

Does the entity provide ESG-related training?

Yes

Categorize ESG-related training provided to different categories of workers:

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 supporting evidence OR provide URL: _____

Reference _____

No

No

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



Policy & Disclosure

PD1

Has the entity formally adopted a policy or policies on environmental issues?

Yes

Specific issues included in the entity's policy or policies:

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

Policy or policies apply to:

- Employees and entity operations
- Contractors % of contractors ▼
- Other: _____

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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

Contractors Covered by Entity ESG Policy/Policies

- ▼ < 0 %, < 25%
- ≥ 25%, < 50%
- ≥ 50%, < 75%
- ≥ 75%, < 100%

PD2

Has the entity formally adopted a policy or policies on social issues?

Yes

Specific issues included in the entity's policy or policies:⁸

- Child labor
- Community relations
- Customer satisfaction
- Data protection and privacy
- Employee engagement
- Forced or compulsory labor
- 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
- Discrimination
- Other issues: _____

Policy or policies apply to:

- Entity
- Contractors % of contractors ▼
- Other: _____

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference: _____

No

No

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

Contractors Covered by Entity ESG Policy/Policies

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

⁸ Partially aligned with CFA Institute (2008) Environmental, Social, and Governance Issues in Investing: A Guide for Investment Professionals.

PD3

Has the entity formally adopted a policy or policies on governance issues?

Yes

Specific issues included in the entities governance policy or policies:

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

Policy or policies apply to:

- Entity
- Contractors
- Other: _____

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference: _____

No

No

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

Contractors Covered by Entity ESG Policy/Policies

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

PD4

Does the entity have a process for stakeholders to communicate grievances?

Yes

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

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

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

- Number of grievances communicated
- Summary of types of grievances
- Summary of types of resolutions for grievances

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference: _____

No

No

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

PD5

Does the entity have third-party review of its ESG reporting and/or data?

Yes

ESG reporting

- Internal audit: _____
- Externally checked by: _____
- Externally verified by: _____
- Externally assured by: _____

Environmental data

- Internal audit: _____
- Externally checked by: _____
- Externally verified by: _____
- Externally assured by: _____

■ Social data

- Internal audit: _____
- Externally checked by: _____
- Externally verified by: _____
- Externally assured by: _____

■ Governance data

- Internal audit: _____
- Externally checked by: _____
- Externally verified by: _____
- Externally assured by: _____

■ Information submitted in this assessment (GRESB Infrastructure)

- Internal audit: _____
- Externally checked by: _____
- Externally verified by: _____
- Externally assured by: _____

■ Other ESG information

- Internal audit: _____
- Externally checked by: _____
- Externally verified by: _____
- Externally assured by: _____

Can the entity provide evidence as an UPLOAD or URL?

- Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

- No

- No

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

PD6

Did the entity publish formal impact assessments during the last 3 years?

Yes

Types of formal assessments published during the last 3 years

- Environmental impact statement/report/assessment
- Health Impact Assessment
- Social Impact Assessment
- Community needs assessment
- Other technical assessment: _____

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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

PD7

Does the entity communicate about its ESG activities?

Yes

Communication strategy	ESG Policy/ Policies	ESG Targets	ESG Actions	ESG Performance
No communications				
Website				
Section of annual report				
Integrated report				
Sustainability report				
Other: _____				

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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

PD8

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

Yes

Elements of the entity’s communications process

- Entity informs investors about misconduct or penalties
- Entity informs the public about misconduct or penalties
- Entity informs other stakeholders about misconduct or penalties
- No communications

Application of the communication process

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

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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



Risks & Opportunities

R01 Does the entity assess and mitigate risks associated with environmental issues?

- Yes

Issues for which the entity assessed risks, planned mitigation, and/or implemented mitigation actions during the last 3 years (select all that apply)

Environmental Issues	Included in Risk Assessment	Addressed in Mitigation Plan(s)	Mitigation Actions Implemented
Air pollutants			
Biodiversity and habitat protection			
Energy			
Greenhouse gas emissions			
Invasive species			
Resilience to catastrophe/disaster			
Resilience to climate change			
Water resources			
Waste management			
Other: _____			

Can the entity provide evidence as an UPLOAD or URL?

- Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

- No

- No

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

R02

Does the entity assess and mitigate risks associated with social issues?

- Yes

Issues addressed in the risk assessment and planning process during the last 3 years (select all that apply)

Social Issues	Included in Risk Assessment	Addressed in Mitigation Plan(s)	Mitigation Actions Implemented
Child labor			
Community relations			
Customer satisfaction			
Data protection and privacy			
Employee engagement			
Forced labor			
Gender and diversity			
Health and safety: customers			
Health and safety: employees			
Health and safety: community			
Supply chain health and safety			
Labor standards/working conditions			
Discrimination			
Other: _____			

Can the entity provide evidence as an UPLOAD or URL?

- Yes
- No
- No

UPLOAD supporting evidence OR provide URL: _____

Reference _____

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

R03

Does the entity assess and mitigate risks associated with governance issues?

- Yes

Issues addressed in the risk assessment and planning process during the last 3 years (select all that apply)

Governance Issues	Included in Risk Assessment	Addressed in Mitigation Plan(s)	Mitigation Actions Implemented
Audit committee structure/independence			
Board composition			
Bribery and corruption			
Compensation committee structure/independence			
Executive compensation			
Fraud			
Independence of Board chair			
Lobbying activities			
One share/one vote			
Political contributions			
Whistleblower protection			
Other: _____			

Can the entity provide evidence as an UPLOAD or URL?

- Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

- No

- No

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



Implementation

IM1 Can the entity provide specific examples of actions taken to improve ESG management and performance?

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)	Title for action (2)	Keywords describing action (3)	Description of action (4)	Fraction of entity covered by action (5)	Evidence for action (6)
Environmental					
Select ▼					
⊕ Add other action					
Social					
Select ▼					
⊕ Add other action					
Governance					
Select ▼					
⊕ Add other action					

No

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

Explanation of fields

(1) Categories of ESG issues (select all that apply for each activity)

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

(2) Title to describe the activity

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

(4) Description of the activity (50 words maximum)

(5) Classify the fraction of the entity covered by the action.

- A small fraction (<25%) of operations
- The minority (≥ 25 , <50%) of operations
- The majority ($\geq 50\%$, <100%) of operations
- Entire entity (100%)
- Unknown

(6) 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. Acceptable evidence can take many forms, including Tweets, images, blogs, or case studies. Entities also have the option to create and share a GRESB Innovation Case Study.

- Provide a link (URL) to a description of the activity (e.g., a blog, Tweet, Instagram post, existing case study)
- Upload a document describing the activity
- Create a GRESB Innovation Case Study



Monitoring & EMS

ME1 Does the entity have an Environmental Management System or comparable framework?

- Yes

Describe the EMS or comparable framework (maximum 250 words):

Is the EMS or framework aligned with 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: ____
 - Certified by: ____

- No

Can the entity provide evidence as an UPLOAD or URL?

- Yes
- UPLOAD** supporting evidence OR provide URL: _____
- Reference _____

- No

- No

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

ME2

Does the entity collect ESG performance data?

Yes

Type of ESG data collected by the entity

- Environmental performance data
- Social performance data
- Governance performance data
- Other data: _____

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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



Stakeholder Engagement

SE1 Does the entity have a stakeholder engagement program?

Yes

Elements of the stakeholder engagement program:

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

Is the stakeholder engagement program aligned with third-party standards and/or guidance?

Yes

- AA1000 Stakeholder Engagement standard
- International Association for Public Participation spectrum, Australasia
- UNEP Stakeholder Engagement Manual
- Other: _____

No

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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

SE2

Can the entity describe specific examples of actions taken to implement its stakeholder engagement program?

- 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 in the activity (1)	Nature of activity (2)	Benefits of the activity (3)	Evidence for the activity (4)
Program Planning					
⊕ Add an activity					
Program Implementation					
⊕ Add an activity					
Program Evaluation					
⊕ Add an activity					

Can the entity provide evidence as an UPLOAD or URL?

- Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

- No

- No

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

Explanation of fields

(1) Classify the stakeholder group addressed in the activity, (select all that apply):

- Employees
- Community
- Supply chain
- Regulators/government
- Other: _____

(2) Classify the nature of the engagement, (select all that apply):

- Dialog (e.g., exchange of information, feedback)
- Education
- Services
- Research
- Philanthropy
- Other: _____

(3) Describe the intended benefit of the action.

(4) 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. Acceptable evidence can take many forms, including Tweets, images, blogs, or case studies. Entities also have the option to create and share a GRESB Innovation Case Study.

- Provide a link (URL) to a description of the activity (e.g., a blog, Tweet, Instagram post, existing case study)
- Upload a document describing the activity
- Create a GRESB Innovation Case Study



Performance Indicators

PI1 Can the entity report on measures of output?

- Yes

This table is intended to convey the most important measures of overall output for entity. This is a measure of the productive activity or activities provided by the infrastructure. These measures can be financial (e.g., operating revenue) or physical (e.g., number of gallons treated).

Entities with multiple infrastructure activities (e.g., roadways and ports) should report at least one measure per business activity (e.g., vehicles miles traveled, TEUs moved).

This table initially populates for output measures selected in ER 9. Participants may (optionally) add additional output metrics.

Indicator	Units	Baseline	⊕	History			Targets			⊕
				2013	2014	2015	Target year	Target Year	Target Year	
From EC 9	From EC 9					EC 9				
⊕ Add metric										

Supporting Information and Performance Interpretation

Types of information included in evidence:

- Methods and calculations underlying output metrics
- Interpretation of output metrics and targets
- Other: _____

Can the entity provide evidence as an UPLOAD or URL?

- Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

- No

- No

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

PI2

Can the entity report on health and safety performance over time?

Yes

Measure	Units	Baseline	⊕	History			Targets			⊕
				2013	2014	2015	Target Year	Target Year	Target Year	
Employees										
Fatalities	Number									
Reportable Injuries	Number									
⊕ Add metric										
Customer										
Fatalities	Number									
Reportable Injuries	Number									
⊕ Add metric										
Community										
Fatalities	Number									
Reportable Injuries	Number									
⊕ Add metric										

Supporting Information and Performance Interpretation

Types of information included in evidence:

- Methods and calculations underlying performance data
- Interpretation of performance data and targets
- Other: _____

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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

PI3 Can the entity report on energy generated and purchased over time?

Yes

Measure	Units	Baseline	⊕	History			Targets			⊕
				2013	2014	2015	Target Year	Target Year	Target Year	
Total energy generated										
⊕ Add metric										
Total energy purchased										
⊕ Add metric										

Supporting Information and Performance Interpretation

Types of information included in evidence:

- Methods and calculations underlying performance data
- Interpretation of performance data and targets
- Other: _____

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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

PI4 Can the entity report on greenhouse gas emissions over time?

Yes

Indicator	Units	Baseline	⊕	History			Targets			⊕
				2013	2014	2015	Target Year	Target Year	Target Year	
Emissions generated										
Scope 1	mTCO2e									
Scope 2	mTCO2e									
⊕ Add metric										
Emissions avoided										
Scope 1	mTCO2e									
Scope 2	mTCO2e									
⊕ Add metric										

Supporting Information and Performance Interpretation

Types of information included in evidence:

- Methods and calculations underlying performance data
- Interpretation of performance data and targets
- Other: _____

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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

PI5

Can the entity report on air pollutant emissions over time?

Yes

Indicator	Units ¹	Baseline	⊕	History			Targets			⊕
				2013	2014	2015	Target Year	Target Year	Target Year	
Emissions generated										
SO _x	Intensity									
NO _x	Intensity									
PM _{2.5}	Intensity									
PM ₁₀	Intensity									
⊕ Add metric										
Emissions avoided										
SO _x	Intensity									
NO _x	Intensity									
PM _{2.5}	Intensity									
PM ₁₀	Intensity									
⊕ Add metric										

(1) Intensities are typically reported as mass of pollutants per unit output. For energy generation, this may be kilograms or pounds of pollutant per megawatt hour. Alternatively for manufacturing, intensity may be kilograms or pounds of pollutant per unit of product.

Supporting Information and Performance Interpretation

Types of information included in evidence:

- Methods and calculations underlying performance data
- Interpretation of performance data and targets
- Other: _____

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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

PI6 Can the entity report on water use over time?

Yes

Indicator	Units	Baseline	⊕	History			Targets			⊕
				2013	2014	2015	Target Year	Target Year	Target Year	
Withdrawals										
Potable water supply	Volume									
Surface water	Volume									
Seawater	Volume									
Groundwater	Volume									
⊕ Add metric										
Consumption										
Total	Volume									
⊕ Add metric										
Discharged										
Municipal Treatment Plant	Volume									
Surface water	Volume									
Seawater	Volume									
Groundwater	Volume									
⊕ Add metric										

Supporting Information and Performance Interpretation

Types of information included in evidence:

- Methods and calculations underlying performance data
- Interpretation of performance data and targets
- Other: _____

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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

PI7 Can the entity report on waste generation and disposal over time?

Yes

Measure	Units	Baseline	⊕	History			Targets			⊕
				2013	2014	2015	Target Year	Target Year	Target Year	
Waste generation										
Hazardous	Mass									
Non-hazardous	Mass									
⊕ Add metric										
Waste disposal										
Recycling	Mass									
Incineration	Mass									
Landfill	Mass									
⊕ Add metric										

Supporting Information and Performance Interpretation

Types of information included in evidence:

- Methods and calculations underlying performance data
- Interpretation of performance data and targets
- Other: _____

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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

PI8 Can the entity report on biodiversity and habitat over time?

Yes

Measure	Units	Baseline	⊕	History			Targets			⊕
				2013	2014	2015	Target Year	Target Year	Target Year	
Wildlife										
Wildlife fatalities	Count									
T&E species fatalities	Count									
⊕ Add metric										
Habitat management										
Habitat removed	Ha									
Habitat enhanced or restored	Ha									
Habitat protected (on-site)	Ha									
Habitat conserved (off-site)	Ha									
⊕ Add metric										

Supporting Information and Performance Interpretation

Types of information included in evidence:

- Methods and calculations underlying performance data
- Interpretation of performance data and targets
- Other: _____

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

No

No

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



Certifications & Awards

CA1

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

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 ▼
- ISO 18001 Date first accredited: _____ % of operations ▼
- ISO 26000 Date first accredited: _____ % of operations ▼
- ISO 55000 Date first accredited: _____ % of operations ▼
- OHSAS Date first accredited: _____ % of operations ▼
- Other: _____ Date first accredited: _____ % of operations ▼

Can the entity provide evidence as an UPLOAD or URL?

Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

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

CA2 Did the entity maintain or achieve project-level certifications for ESG-related management and/or performance?

- Yes

List projects certified within the last 3 years:

Project name	Date of award	Scheme Name/ sub-scheme name/level	Phase
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="⊕ Add a project"/>			

Can the entity provide evidence as an UPLOAD or URL?

- Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

- No

- No

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

Scheme Name/Sub-scheme Name

Select from Certifications Database or Add

Phases

- ▼ Planning and design
- Construction
- Operations

CA3 Did the entity receive awards for ESG-related actions, performance, or achievements?

- Yes

Information about third-party awards:

Award name	Organization issuing award	Date of award	Basis for award
<input type="button" value="⊕ Add an award"/>			

Can the entity provide evidence as an UPLOAD or URL?

- Yes

UPLOAD supporting evidence OR provide URL: _____

Reference _____

- No
- No

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

CA4 Was the entity the subject of case studies, research, or similar publications describing its ESG management and/or performance?

- Yes

Information about case studies or similar publications

Case study	Organization conducting case study	Description	Evidence (1)
<input type="button" value="⊕ 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. Acceptable evidence can take many forms, including Tweets, images, blogs, or case studies. Entities also have the option to create and share a GRESB Innovation Case Study.

- Provide a link (URL) to a description of the activity (e.g., a blog, Tweet, Instagram post, existing case study)
- Upload a document describing the activity
- Create a GRESB Innovation Case Study