2018

Asset Assessment
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About GRESB

GRESB is an industry-driven organization transforming the way capital markets assess the environmental, social and governance (ESG) performance of real asset investments.

GRESB data and analytical tools are used by over 70 institutional and retail investors, including pension funds and insurance companies, collectively representing over USD 17 trillion in institutional capital, to engage with investment managers to enhance and protect shareholder value.

For more information, visit gresb.com. Follow @GRESB on Twitter.

About the 2018 GRESB Infrastructure Assessment

The GRESB Infrastructure Assessment is an ESG engagement and benchmarking tool for institutional investors, fund managers and asset operators working in the infrastructure space.

The GRESB Infrastructure Assessment consists of two complementary components, a Fund Assessment and an Asset Assessment. Both components address critical aspects of ESG performance through a standardized, globally applicable, reporting and benchmarking framework. The GRESB Infrastructure Assessment focuses on operating investments, infrastructure assets, companies and funds, and covers the full breadth of infrastructure sectors, including:

- Energy generation (including renewables)
- Energy transmission, distribution and storage
- Telecommunications
- Transportation
- Waste treatment and disposal
- Water supply and treatment
- Social infrastructure

The GRESB Infrastructure Assessment provides investors with actionable information and tools to monitor and manage the ESG risks and opportunities of their investments, and to prepare for increasingly rigorous ESG obligations. Assessment participants receive comparative business intelligence on where they stand against their peers, a roadmap with the actions they can take to improve their ESG performance and a communication platform to engage with investors.

The role of the GRESB benchmark

GRESB’s global benchmark uses a consistent methodology to compare performance across different regions, investment structures and sectors. This consistency, combined with our broad market coverage, means our members and participants can apply a single, globally recognized ESG framework to all their infrastructure investments. In 2018 GRESB introduces materiality assessment in to the process to further cater for sectoral variations beyond just the use of peer groups.

While GRESB provides an overall GRESB Score for each participant, it recognizes that this is only a single element within a range of results reported in the benchmark. The key to analyzing GRESB data is in peer group comparisons that take into account regional, sectoral and variations based on investment structure.

GRESB is committed to facilitating the inclusion of its ESG metrics in investment decision-making processes and encouraging an active dialogue between investors, fund managers and asset operators on ESG issues.
GRESB updates its Investor Engagement Guide on an annual basis to assist GRESB Investor Members in their engagement with managers and operators.

**Participation and Membership**

Participation in both the Infrastructure Fund Assessment and the Infrastructure Asset Assessment is free of charge. All participants receive a Scorecard with a summary of ESG performance. Participants do not need to be GRESB Members, but GRESB Members have access to advanced analytical tools, including a detailed Benchmark Report and Portfolio Analysis Tool, as well as increased opportunity for recognition and networking.

**Grace Period**

GRESB offers participants reporting for the first time, the option to not disclose their first year Assessment results to their investors. This 'Grace Period' allows participants a year to familiarize themselves with the GRESB reporting and assessment process without externally disclosing their results to GRESB Investor Members.

While Grace Period participant names are disclosed to GRESB Investor Members, Investor Members are not able to request access to Grace Period participant results.

Grace Period participants can use the Scorecard and Benchmark Report to identify opportunities to improve their performance for next year’s Assessment. First time participants wishing to opt for the Grace Period can select the option from the settings section in the Assessment Portal.

**Who can see my data?**

Data is submitted to GRESB through a secure online platform and can only be seen by current GRESB Staff or authorized personnel from GRESB’s parent company, i.e. GBCI, Inc. ('GBCI'). GRESB benchmark scores are not made public. Data collected through the GRESB Infrastructure Assessment is only disclosed to the participants themselves and GRESB Investor Members that are investors in the infrastructure fund or asset.

No other third parties will see the data. GRESB Investor Members must request access to a participant’s benchmark scores, allowing the participant the control to either accept or deny this request.

**Timeline and Process**

The GRESB Infrastructure Assessment opens in the Assessment Portal on April 1, 2018. The submission deadline is July 1, 2018, providing participants with a three-month window to complete the Assessment. This is a fixed deadline, and GRESB will not accept submissions received after this date.

The GRESB validation process starts on June 15, 2018 and continues until July 31, 2018. We may need to contact you during this time to clarify any issues with your response.

Results are published in September and are distributed as follows:

- Participants: Receive a Scorecard for all of their Assessment submissions.
- Fund Manager and Asset Operator Members: In addition to receiving a Scorecard, Members receive a Benchmark Report for all of their Assessment submissions (funds and assets), access to the Portfolio
Analysis Tool, additional functionality in the Member Portal and preferential marketing, industry recognition, and networking opportunities.

- Investor Members: Receive Benchmark Reports for all of their investments (funds and assets) and have access to GRESB’s Member Portal, which contains additional analysis tools to create reports based on a selection of their investments.

**Response Check**

A Response Check is a high-level check of the Assessment response by GBCI, prior to final submission. It helps to reduce errors that may adversely impact the Assessment results and ensures the submission is as complete as possible.

The Response Check is available for request from April 1 to June 8, 2018 subject to available resources. We strongly encourage participants to place their request as early as possible.

Fund Manager and Asset Operator Members are able to request a complimentary Response Check for one entity as one of their membership benefits.

**Guidance & Support**

The Assessment Portal is accompanied by indicator-specific guidance, available under the ‘Guidance’ tab that explains:

- The intent of each indicator;
- The requirements for each response;
- Explanation of any terminology used;
- References to any third-party documents;
- Basic scoring information;
- The number of points available.

In addition to the guidance in the Portal, each Assessment is accompanied by a Reference Guide. The Reference Guide provides general introductory information to the Assessments and provides a report-format version of the indicator-by-indicator guidance that is available under the Guidance tab in the Portal. The Reference Guide will be available on March 1, 2018. GRESB intends to provide translations of the 2018 Infrastructure Assessment in Japanese, French and Spanish.

The GRESB Assessment Portal has the following tools and functionality to help ensure an efficient and accurate submission:

- The pre-filling function adds the information already provided in previous years.
- The document section provides an overview of documents submitted as evidence.
- The Portal allows participants to upload multiple documents as evidence per indicator.
- Participants can manage access rights, adding users with different levels of access.
- The Portal has real-time error detection systems and warnings.
- The Template Tool enables participants to copy information across multiple submissions (available for GRESB Members only).

GRESB works with a select group of Partners who can help participants with their Assessment submission. To learn more about the services offered by GRESB Partners, take a look at our Partner Directory.

Participants are able to contact the GRESB Helpdesk at any time for support and guidance.
GRESB Assessment Training Program

The GRESB Infrastructure Assessment Training is designed for GRESB participants who are looking to gain competency in the GRESB Infrastructure reporting processes. The training is designed for infrastructure fund managers, asset operators, investors, consultants and sustainability professionals looking to improve ESG management and reporting through the GRESB Assessments. It is also appropriate for governance, human resources and management personnel seeking an understanding of the GRESB Infrastructure framework.

The training is delivered via face-to-face group sessions in select locations across all regions with GRESB participation, including Europe, North America and Asia Pacific. See dates and locations for GRESB Assessment Training.

Starting in October 2018, GRESB will run Data Insights Training sessions focussing on the interpretation of the Assessment results and the reporting and benchmarking tools available to Investor Members, Fund Manager and Company Members.
2018 Infrastructure Asset Assessment changes

GRESB works closely with its members and broader industry stakeholders to ensure the GRESB Infrastructure Assessment addresses material issues in the ESG performance of infrastructure investments. Following internal review of the 2017 GRESB Infrastructure Assessment and extensive industry engagement through the GRESB Infrastructure Advisory Board and Industry Working Groups, the 2018 Asset Assessment introduces an updated structure and developments to the indicators.

Overview

- Materiality Assessment - Introduced sector based materiality weightings to tailor the Asset Assessment to different infrastructure sectors
- Greater alignment - improved alignment of structure and terminology with the other GRESB Assessments and external frameworks
- Standardisation of inputs and metrics - fewer open text boxes, less ‘other’ options, restricting inputs to industry standards providing greater clarity for participants and allowing for more insightful benchmarking
- Improved Fund-Asset link - strengthened link to reduce potential for errors
- Resilience Module - In order to provide our Investor Members with more transparency about the resilience of real estate and infrastructure companies, funds and assets, GRESB is introducing a new Resilience Module for the 2018 Assessment cycle. The new Resilience Module will be available as an optional supplement for 2018 GRESB Assessments, including Real Estate and Infrastructure, and is informed by the Industry Working Groups hosted in January, 2018

General

1. For all indicators, a note has been added to indicate that the optional open text box is for additional information only and will not be considered in validation

   **Rationale for change:** Based on 2017 participant feedback some participants believed that the open text box information could be used to clarify information and evidence for validation, however this is not the case, it is solely there as a communication tool for the investors to see.

   **Impact of change:** Greater clarity, improved validation.

2. Indicator numbering has changed due to removing or adding indicators in 2018

   **Rationale for change:** Administrative.

   **Impact of change:** None.

3. More standardized metrics are introduced in 2018 (e.g. Reporting and Entity Characteristics, Performance Indicators)

   **Rationale for change:** The intent is to standardize the reported data.

   **Impact of change:** Simpler entry and greater clarity for the participant, more insightful benchmarking.
Indicator changes

**Former EC2**

**Indicator EC2 'Business location' is removed**

**Rationale for change:** This information has already been provided by the participant when registering their entity for the first time.

**Impact of change:** Standardized reporting and lower reporting burden for the participant.

**EC2 (former EC3)**

**Terminology for 'Nature of ownership' is updated to 'Public entity' and 'Private entity'. 'Public-Private Partnership (PPP)' option added to the option list**

**Rationale for change:** Improved wording. Ensure participants select 'Private entity' if stocks are not traded on a public stock exchange.

**Impact of change:** Wording.

**EC3 (former EC4)**

**Replace 'Date' open text box by a drop-down list of months**

**Rationale for change:** In previous years this was an open text box.

**Impact of change:** Standardized reporting and lower reporting burden for the participant.

**EC5 (new)**

**New indicator on 'Commencement of operation'**

**Rationale for change:** Provides contextual information about the asset which is useful to investors and for generating insights. For example, assets that only recently commenced operation may have different stakeholder expectations to those that have been operating for many years.

**Impact of change:** Minor additional reporting.

**RC2**

'Gross asset value' listed as a requirement for reporting entity's economic size. 'Annual operating costs' and 'Other' options added. Ability to choose 'Currency' removed, instead currency is derived from RC1

**Rationale for change:** Review of previous years’ responses indicated that a more standardized approach could be applied.

**Impact of change:** Greater clarity and better benchmarking including generation of intensity metrics and size comparisons.

**RC3**

Open text box for 'Method used' replaced with 3 options (1) 'Gross asset value', (2) 'Annual operating costs', and (3) 'Other'

**Rationale for change:** Review of previous years’ responses indicated that a more standardized approach could be applied.

**Impact of change:** Greater clarity and better benchmarking including generation of intensity metrics and size comparisons.
**RC4**

3 options (1) 'Gross asset value', (2) 'Annual operating costs', and (3) 'Other' added under 'Weights based on relative economic activity'. 'Even weights' option removed

**Rationale for change:** Review of previous years' responses indicated that a more standardized approach could be applied.

**Impact of change:** Greater clarity and better benchmarking including generation of intensity metrics and size comparisons.

**MA1 (new)**

New indicator on materiality assessment introduced. The intent of this indicator is to test whether the reporting entity has undertaken a materiality assessment

**Rationale for change:** Assessing the materiality of ESG issues has been identified by stakeholders as an important tool in managing ESG performance across the diverse sectors that make up infrastructure. It also supports the new MA2 indicator.

**Impact of change:** Additional reporting, greater differentiation, useful information for investors.

**MA2 (new)**

New indicator 'GRESB Materiality Assessment' is introduced. This indicator is for reporting purposes only. The intent of this indicator is to (a) show the participant their relevant sector materiality weightings for ESG issues, and (b) collect data about the entity/asset specific materiality weightings

**Rationale for change:** The sector weightings selected in RC4 are used to drive the scoring in many other indicators. The entity/asset specific materiality weightings will not be used for scoring in 2018 but can be used for scoring trials and insights and will be considered for scoring in 2019.

**Impact of change:** Additional reporting, Asset Assessment scoring tailored to the different infrastructure sectors, greater differentiation, useful information for investors.

**MA3 (former MA1)**

'General sustainability' option added to the options list. Additional parts on 'Integration of ESG objectives' and 'Communication process' introduced. Evidence split between public and not public

**Rationale for change:** Improving alignment between GRESB assessments.

**Impact of change:** Easier understanding across GRESB assessments.

**MA4 (former MA2)**

Changed to “...one or more persons...” instead of simply “an individual...”. 'Other' option is removed. Changed 'E-mail' to optional

**Rationale for change:** Indicator aligned with Real Estate and Debt Assessments, recognizing that ESG may be managed by one person or a team. In previous years, the majority of the provided 'Other' answers were a duplicate of the listed options. Email information is collected elsewhere as part of registration.

**Impact of change:** Easier understanding across GRESB assessments, more flexible to responses, lower reporting burden.
MA5 (former MA3)  
Changed 'E-mail' to optional  
**Rationale for change:** Email information is collected elsewhere as part of registration.  
**Impact of change:** Lower reporting burden.

MA6 (former MA4)  
Minor wording changes in this indicator. 'Board of Directors' option added to the option list. 'Operating staff' renamed as 'All employees'  
**Rationale for change:** Improving alignment between GRESB assessments and other business lines.  
**Impact of change:** Easier understanding across GRESB assessment.

MA7 (former MA5)  
Minor wording changes in this indicator  
**Rationale for change:** GRESB internal review concluded that more clarity is needed between provided and/or required training for different stakeholder groups.  
**Impact of change:** Greater clarity.

PD1  
New issues 'Light pollution', 'Materials sourcing & resource efficiency', 'Noise', and 'Water pollution' added to the list. Scoring depends on materiality of issues. Stakeholder list updated by replacing 'Supply chain' with two separate options (1) 'Suppliers' and (2) 'Supply chain (beyond tier 1 suppliers & contractors)'  
**Rationale for change:** GRESB internal review and mapping of external frameworks such as PRI and GRI concluded that additional sector-specific issues should be covered. Supply chain split and clarified to align with ISO20400 standard on sustainable procurement.  
**Impact of change:** Greater coverage of relevant issues, clearer and better differentiation, scoring tailored to infrastructure sector.

PD2  
New issues 'Community development' and 'Social enterprise partnering' added to the list. Scoring depends on materiality of issues. Stakeholder list updated by replacing 'Supply chain' with two separate options (1) 'Suppliers' and (2) 'Supply chain (beyond tier 1 suppliers & contractors)'  
**Rationale for change:** GRESB internal review and mapping of external frameworks such as PRI and GRI concluded that additional sector-specific issues should be covered. Supply chain split and clarified to align with ISO20400 standard on sustainable procurement.  
**Impact of change:** Greater coverage of relevant issues, clearer and better differentiation, scoring tailored to infrastructure sector.
Governance issues split into two groups (1) Board-level policy, and (2) Operational policy. Clarified that ‘Operational policy’ is applicable to other stakeholders. Scoring depends on materiality of issues. Stakeholder list updated by replacing ‘Supply chain’ with two separate options (1) 'Suppliers' and (2) 'Supply chain (beyond tier 1 suppliers & contractors)'

Rationale for change: 2017 participant feedback indicated that only operational governance issues are applicable to other stakeholder groups such as suppliers and contractors. Supply chain split and clarified to align with ISO20400 standard on sustainable procurement.

Impact of change: Clearer and better differentiation, scoring tailored to infrastructure sector.

Minor wording changes in this indicator. 'Aligned with third-party standard' option added under each reporting method

Rationale for change: Improving alignment between GRESB assessments. Clarified reporting to align with industry accepted approaches to ESG reporting.

Impact of change: Easier understanding across GRESB assessments, greater differentiation.

'Internally verified by' option removed. Minor wording changes to match PD4

Rationale for change: ‘Internally verified’ is not as robust as external approaches and is hard to validate. Improving alignment between GRESB assessments. Clarified reporting to align with industry accepted approaches to ESG reporting.

Impact of change: Improved validation, easier understanding across GRESB assessments, greater differentiation.

Indicator title wording slightly adjusted. 'Clients/Customers', 'Contractors', 'Employees', 'Regulators/Government', 'Special interest groups (NGOs, Trade Unions, etc.)' and 'Suppliers' options added

Rationale for change: GRESB internal review concluded that a standardized stakeholder list needs to be implemented throughout the Fund and Asset Assessments.

Impact of change: Greater clarity.
PD7 (new)
New indicator addresses involvement in any ESG-related misconduct, penalties, incidents or accidents in the reporting year. This indicator is for reporting and sector leader award purposes only. The intent of this indicator is to facilitate communication and transparency on significant incidents. Whilst not used for scoring, the response to this indicator may prohibit achievement of sector leadership

Rationale for change: Facilitates communication on significant incidents. Use in determining sector leadership ensures the robustness of the GRESB Assessment.

Impact of change: Additional reporting, greater differentiation, useful information for investors.

R01
New issues 'Light pollution', 'Materials sourcing & resource efficiency', 'Noise', and 'Water pollution' added to the list. Scoring depends on materiality of issues

Rationale for change: GRESB internal review and mapping of external frameworks such as PRI and GRI concluded that additional sector-specific issues should be covered.

Impact of change: Greater coverage of relevant issues, clearer and better differentiation, scoring tailored to infrastructure sector.

R02
New issues 'Community development' and 'Social enterprise partnering' added to the list. Scoring depends on materiality of issues

Rationale for change: GRESB internal review and mapping of external frameworks such as PRI and GRI concluded that additional sector-specific issues should be covered.

Impact of change: Greater coverage of relevant issues, clearer and better differentiation, scoring tailored to infrastructure sector.

R03
Governance issues split into two groups (1) Board-level policy, and (2) Operational policy. Scoring depends on materiality of issues

Rationale for change: Layout change is introduced to be consistent with PD3.

Impact of change: Greater clarity, scoring tailored to infrastructure sector.

R04 (former PD5)
Indicator moved from 'Policy & Disclosure' to 'Risks & Opportunities' aspect

Rationale for change: Improving alignment between GRESB assessments.

Impact of change: Easier understanding across GRESB assessments.

R05 (former IM1)
Indicator moved from 'Implementation' to 'Risks & Opportunities' aspect

Rationale for change: GRESB internal review concluded that this indicator addresses ESG opportunities and should be moved to this aspect instead.

Impact of change: Greater clarity.
### ME1 (merged former ME1 and CA1)

**ME1 and CA1 (2017) are merged into a new indicator in 2018**

**Rationale for change:** GRESB internal review noted that ME1 and CA1 indicators were overlapping as participants provided the same information for both indicators.

**Impact of change:** Lower reporting burden.

### ME2-4 (former ME2)

**Indicator ME2 (2017) is split into three separate indicators focusing on monitoring environmental (ME2), social (ME3), and governance (ME4) issues. An open text box is replaced by a list of issues. Scoring depends on materiality of issues.**

**Rationale for change:** Structure aligns with MA, PD and RO.

**Impact of change:** Lower reporting burden, scoring tailored to infrastructure sector, clearer guidance.

### SE1

**Indicator title wording slightly adjusted. 'Training' option added to the list. Added new sub-section highlighting stakeholder list the engagement program applies to**

**Rationale for change:** GRESB internal review noted that an additional option on training should be addressed.

**Impact of change:** Clearer and better differentiation.

### SE2 (former SE3)

**Changes in indicator numbering**

**Rationale for change:** GRESB internal review concluded that this indicator should follow after SE1 as it refers to the implementation of stakeholder engagement activities.

**Impact of change:** Greater clarity.

### SE3 (former SE2)

**Indicator split into two indicators in 2018: (SE3) 'Process for stakeholders to communicate grievances', and (SE4) 'Stakeholder grievances in the last reporting year'. Indicator is aligned with ISO20400. As a result, minor wording changes are introduced and additional options added to the 'characteristics of the grievance communication process'**

**Rationale for change:** Improving alignment between GRESB assessments. Align with ISO20400 standard on sustainable procurement.

**Impact of change:** Greater clarity.

### SE4 (former SE2)

**Indicator split into two indicators in 2018: (SE3) 'Process for stakeholders to communicate grievances', and (SE4) 'Stakeholder grievances in the last reporting year'**

**Rationale for change:** Improving alignment between GRESB assessments.

**Impact of change:** Greater clarity.
New indicator reflecting sustainable procurement practices. Indicator is aligned with ISO20400. The intent of this indicator is to identify if the reporting entity has ESG-specific requirements in its procurement processes in order to drive sustainable procurement

**Rationale for change:** Align with ISO20400 standard on sustainable procurement.

**Impact of change:** Additional reporting, greater differentiation, useful information for investors.

New indicator on supply chain engagement

**Rationale for change:** The intent of this indicator is to identify if the reporting entity effectively engages with its suppliers in order to drive sustainable procurement. Align with ISO20400 standard on sustainable procurement.

**Impact of change:** Additional reporting, greater differentiation, useful information for investors.

**Performance Indicators**

Standardized metrics are introduced for each performance indicator

**Rationale for change:** The intent is to standardize the reported data. Metrics chosen are based on previous years’ responses and alignment with industry standards.

**Impact of change:** Clarity for the participant, better benchmarking.

Standardized units are introduced for each performance indicator

**Rationale for change:** The intent is to standardize the reported data.

**Impact of change:** Clarity for the participant, better benchmarking.

Entity is required to report its performance for current year only

**Rationale for change:** The intent is to standardize the reported data.

**Impact of change:** Lower reporting burden, clarity for the participant, better benchmarking.

Targets are set for current year and one long-term performance target of entity’s choice

**Rationale for change:** The intent is to standardize the reported data.

**Impact of change:** Lower reporting burden, clarity for the participant, better benchmarking.
Scoring of all Performance Indicators (except PI1) now links to the sector materiality.

PI1 is not scored but is used for generating intensity metrics which may be used for insights. If the sector materiality assessment has determined that an issue is 'not relevant' then the related performance indicator is not scored. If an issue is 'relevant' then the related performance indicator is scored with 'standard' weighting. If an issue is 'highly relevant' then the related performance indicator is scored with higher than 'standard' weighting. PI1 is not scored but is used for generating intensity metrics which may be used for insights.

CA1  
Indicator CA1 'Entity-level accreditations' is removed

Rationale for change: GRESB internal review noted that ME1 and CA1 indicators were overlapping as participants provided the same information for both indicators.

Impact of change: Lower reporting burden.

CA1 (former CA2)  
Changes in indicator numbering

Rationale for change: Administrative.

Impact of change: None.

CA2 (former CA3)  
Changes in indicator numbering

Rationale for change: Administrative.

Impact of change: None.

CA4  
Indicator CA4 'Case studies' is removed

Rationale for change: The intent is to integrate this information into the GRESB portal.

Impact of change: This information will not be linked to the GRESB results; however, will be used as individual GRESB insights.
Entity Characteristics

EC1  Legal name of entity

Legal name: ____________
Operator name (if applicable): ____________

EC2  Nature of ownership

Ownership

☐ Public entity
  ☐ ISIN: ____________
  ☐ Ticker symbol: ____________
  ☐ Exchange (select all that apply)
    ☐ ASX - Australian Securities Exchange
    ☐ BM&F Bovespa
    ☐ BME Spanish Exchanges
    ☐ BSE - Bombay Stock Exchange
    ☐ Deutsche Börse
    ☐ Euronext
    ☐ JPX - Japan Exchange Group
    ☐ JSE Limited
    ☐ KRX - Korea Exchange
    ☐ LSE - London Stock Exchange Group
    ☐ Nasdaq - NASDAQ Stock Market
    ☐ NSE - National Stock Exchange of India
    ☐ NYSE - New York Stock Exchange
    ☐ OMX Nordic Exchange
    ☐ SEHK - Hong Kong Stock Exchange
    ☐ SIX Swiss Exchange
    ☐ SSE - Shanghai Stock Exchange
    ☐ SZSE - Shenzhen Stock Exchange
    ☐ TMX Group
    ☐ TWSE - Taiwan Stock Exchange
  ☐ Other: ____________
  ☐ Other identifier: ____________

☐ Private entity
☐ Public-Private Partnership (PPP)
☐ Non-profit organization
☐ Government organization
☐ Other: ____________

Structure

☐ Corporate
☐ Special Purpose Vehicle (SPV)
☐ Other: ____________
EC3 Reporting period

- Calendar year
- Fiscal year. Specify the starting month

Month

EC4 Industry associations

List memberships in industry associations. Include name of association and URL for association website:

__________

EC5 Commencement of operation

In what year did the asset commence operation?

Year: ____________

Reporting Characteristics

RC1 Reporting currency

Values are reported in Currency

Currency

- 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 Economic size (in millions)**

Note: The currency used here is that indicated in RC1

Gross asset value (required): ____________

- [ ] Annual operating costs (optional)
  ____________

- [ ] Other (optional): ____________
  Size
  ____________

**RC3 Country/countries of operation**

Select the country where the entity has operations, indicate the estimated fraction of operations and select method used to establish the percentage of operations in each country.

<table>
<thead>
<tr>
<th>Country</th>
<th>% of operations</th>
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<tbody>
<tr>
<td>Select country</td>
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<td>Select country</td>
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<tr>
<td>Select country</td>
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</tr>
</tbody>
</table>

- [ ] Gross asset value
- [ ] Annual operating costs
- [ ] Other: ____________
Sector focus

Classify the method used to assign weights to business activities (sectors), select all applicable sectors and assign a relative weight. Weights must sum to 100%. Only list the entity’s core business activities or sectors (non-core activities such as energy efficiency projects should not be considered for this indicator). This information will be used to identify peers from the same or similar sectors. Information provided in RC4 should be used to determine the entity’s primary sector and subsequently, the relevant materiality weightings.

- Weights based on relative economic activity
  - Gross asset value
  - Annual operating costs
  - Other: ____________

- Other method: ____________
  Provide additional context for the answer provided (for reporting purposes only):
  ____________

Energy Generation

- Fossil fuel generation

<table>
<thead>
<tr>
<th>Type</th>
<th>% weight</th>
<th>Describe the entity’s regulatory regime</th>
<th>Electric, installed capacity (MW)</th>
<th>Electric, Generation (MWh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal</td>
<td></td>
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<tr>
<td>Petroleum</td>
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<tr>
<td>Natural gas</td>
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<tr>
<td>Other gases</td>
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<tr>
<td>Other</td>
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- Renewable generation, utility scale

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

- Renewable generation, distributed

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe the entity’s regulatory regime</th>
<th>Number of generation locations</th>
<th>Electric, installed capacity (MW)</th>
<th>Electric, Generation (MWh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solar/PV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wind</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Hydro</td>
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<td>Other</td>
<td></td>
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</tbody>
</table>

- Combined Heat and Power
### Other generation

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe the entity's regulatory regime</th>
<th>Electric, installed capacity (MW)</th>
<th>Electric, Generation (MWh)</th>
<th>Thermal, installed capacity (Btu/KWh)</th>
<th>Thermal, generation (MMBtu)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diesel engine</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Natural gas engine</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steam turbine</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gas turbine</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Micro-turbine</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Fuel cells</td>
<td></td>
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<tr>
<td>Other</td>
<td></td>
<td></td>
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</tbody>
</table>

### Energy Efficiency

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe the entity's regulatory regime</th>
<th>Electric, installed capacity (MW)</th>
<th>Electric, Generation (MWh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nuclear Electric Power</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
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</tbody>
</table>

### Energy transmission, distribution and storage

#### Electric Power

##### Transmission

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe the entity's regulatory regime</th>
<th>Type of Transmission</th>
<th>Size of the system</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric Power</td>
<td></td>
<td></td>
<td>Transmission</td>
<td>Specify system</td>
<td>Measure figure</td>
</tr>
</tbody>
</table>

##### Distribution

<table>
<thead>
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<th>Type</th>
<th>% weights</th>
<th>Describe the entity's regulatory regime</th>
<th>Number of accounts</th>
<th>Size of the system</th>
<th>Primary measure of output</th>
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<tbody>
<tr>
<td>Electric Power</td>
<td></td>
<td></td>
<td>Residential (%)</td>
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<td>Measure amount</td>
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##### Storage

<table>
<thead>
<tr>
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<th>Describe the entity's regulatory regime</th>
<th>Type of storage</th>
<th>Size of the system</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid state batteries</td>
<td></td>
<td></td>
<td></td>
<td>Specify system</td>
<td>Measure amount</td>
</tr>
<tr>
<td>Flow batteries</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Flywheels</td>
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<tr>
<td>Compressed air</td>
<td></td>
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<tr>
<td>Thermal</td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Pumped hydro-power</td>
<td></td>
<td></td>
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<tr>
<td>Other</td>
<td></td>
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</tbody>
</table>
## Natural Gas
### Transmission and distribution

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
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<th>Primary measure of output</th>
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<tbody>
<tr>
<td>Transmission</td>
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<td></td>
<td>Amount</td>
<td>Specify system</td>
<td></td>
</tr>
<tr>
<td>Distribution</td>
<td></td>
<td></td>
<td>Amount</td>
<td>Specify system</td>
<td></td>
</tr>
<tr>
<td>Gathering</td>
<td></td>
<td></td>
<td>Amount</td>
<td>Specify system</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td>Amount</td>
<td>Specify system</td>
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## Storage

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
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<th>Size of the system</th>
<th>Primary measure of output</th>
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</thead>
<tbody>
<tr>
<td>Natural Gas Storage</td>
<td></td>
<td></td>
<td>Average daily working gas volume</td>
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</table>

## Petroleum Liquids / Other liquids
### Transmission

<table>
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<th>% weights</th>
<th>Describe the entity’s regulatory regime</th>
<th>Size of the system</th>
<th>Primary measure of output</th>
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</thead>
<tbody>
<tr>
<td>Describe the nature of the business activity</td>
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<td>Specify system</td>
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</tr>
</tbody>
</table>

### Gathering

<table>
<thead>
<tr>
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<th>% weights</th>
<th>Describe the entity’s regulatory regime</th>
<th>Size of the system</th>
<th>Primary measure of output</th>
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</thead>
<tbody>
<tr>
<td>Describe the nature of the business activity</td>
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<td></td>
<td>Specify system</td>
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</tbody>
</table>

### Storage

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
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<th>Size of the system</th>
<th>Primary measure of output</th>
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</thead>
<tbody>
<tr>
<td>Describe the nature of the business activity</td>
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<td></td>
<td>Specify system</td>
<td></td>
</tr>
</tbody>
</table>

### Other

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe the entity’s regulatory regime</th>
<th>Size of the system</th>
<th>Primary measure of output</th>
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</thead>
<tbody>
<tr>
<td>Describe the nature of the business activity</td>
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<td>Specify system</td>
<td></td>
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</tbody>
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### Other Storage

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe the entity’s regulatory regime</th>
<th>Size of the system</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe the nature of the business activity</td>
<td></td>
<td></td>
<td>Specify system</td>
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</tr>
</tbody>
</table>
## Distribution

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>Other Distribution</td>
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## Other

<table>
<thead>
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<th>Type</th>
<th>% weights</th>
<th>Describe the entity's regulatory regime</th>
<th>Size of the system</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe the nature of the business activity</td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

## Telecommunications

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe activities</th>
<th>Size of the system</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wired Telecommunications</td>
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</tr>
<tr>
<td>Wireless Telecommunications</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data centers</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Water Resource Management

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe activities</th>
<th>Type of activity</th>
<th>Size of the system</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flood Control</td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Coastal and Riverine Locks</td>
<td></td>
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</tr>
<tr>
<td>Water Supply</td>
<td></td>
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</tr>
<tr>
<td>Sewer Line Systems</td>
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<td></td>
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<td></td>
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</tr>
<tr>
<td>Sewer Treatment Facilities</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

## Waste Treatment and Disposal

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe activities</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonhazardous Waste Treatment and Disposal</td>
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<td></td>
<td>Waste handled</td>
</tr>
<tr>
<td>Hazardous Waste Treatment and Disposal</td>
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</tr>
<tr>
<td>Other</td>
<td></td>
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</tbody>
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## Transportation

### Airport

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe activities</th>
<th>Airport identifier (IATA Code)</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Total passengers</td>
<td>Total cargo (metric tons)</td>
</tr>
<tr>
<td>Large hub</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Medium hub</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small hub</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Non-hub primary</td>
<td></td>
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</tr>
<tr>
<td>Non-primary commercial services</td>
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</tr>
<tr>
<td>Reliever</td>
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<td>General aviation</td>
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</tr>
<tr>
<td>Other</td>
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</table>

### Railroad

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe activities</th>
<th>System size</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td>Length of rail system</td>
<td>Total passenger distance traveled</td>
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<tr>
<td>Line-Haul Railroad</td>
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</tr>
<tr>
<td>Short Line Railroad</td>
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</tr>
<tr>
<td>Other</td>
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</table>

### Rolling stock

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe activities</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td>Number of rolling stock units</td>
</tr>
<tr>
<td>Aerial tram</td>
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<tr>
<td>Automated guideway</td>
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<tr>
<td>Heavy rail</td>
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</tr>
<tr>
<td>Hybrid rail</td>
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</tr>
<tr>
<td>Light rail</td>
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<tr>
<td>Monorail</td>
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<tr>
<td>Streetcar</td>
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<tr>
<td>Subway</td>
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</tr>
<tr>
<td>Other</td>
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</tbody>
</table>

### Transportation system

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe activities</th>
<th>Size of the system</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td>specify system</td>
<td>Amount</td>
</tr>
<tr>
<td>Describe the nature of the business activity</td>
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</table>

### Ports

<table>
<thead>
<tr>
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<th>Describe activities</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>Container traffic (TEU)</td>
</tr>
<tr>
<td>Describe the nature of the business activity</td>
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</table>
### Toll road operations

<table>
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<th>System size</th>
<th>Primary measure of output</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Length of roadway</td>
<td>Units</td>
</tr>
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<td>Tunnel(s)</td>
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</tr>
<tr>
<td>Bridge(s)</td>
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</tr>
<tr>
<td>Road, single</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Road, multiple/network</td>
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</tr>
<tr>
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### Social

#### Schools

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe activities</th>
<th>Size and capacity</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td>Floor area of facilities (gross)</td>
<td>Units</td>
</tr>
<tr>
<td>Elementary and Secondary</td>
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</tr>
<tr>
<td>Junior college</td>
<td></td>
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</tr>
<tr>
<td>College, university</td>
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<tr>
<td>Business, secretarial</td>
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</tr>
<tr>
<td>Miscellaneous education</td>
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</tr>
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<td>Other</td>
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</table>

### Convention

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe activities</th>
<th>Size and capacity</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Floor area of facilities (gross)</td>
<td>Units</td>
</tr>
<tr>
<td>Convention Center</td>
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<tr>
<td>Exhibition Center</td>
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</table>

### Government buildings

<table>
<thead>
<tr>
<th>Type</th>
<th>% weights</th>
<th>Describe activities</th>
<th>Size and capacity</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Floor area of facilities (gross)</td>
<td>Units</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Food sales/service</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Healthcare, inpatient</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Healthcare, outpatient</td>
<td></td>
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</tr>
<tr>
<td>Lodging</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Mercantile</td>
<td></td>
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<tr>
<td>Military</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Office</td>
<td></td>
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</tr>
<tr>
<td>Public assembly</td>
<td></td>
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</tr>
<tr>
<td>Public order and safety</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Religious worship</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Service</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warehouse and Storage</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
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<td></td>
</tr>
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</table>
### Aged care

<table>
<thead>
<tr>
<th>Type</th>
<th>% Weights</th>
<th>Describe activities</th>
<th>Size and capacity</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Floor area of Facilities (gross)</td>
<td>Units</td>
</tr>
<tr>
<td>Nursing care facilities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assisted living facilities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### Correctional facilities

<table>
<thead>
<tr>
<th>Type</th>
<th>% Weights</th>
<th>Describe activities</th>
<th>Size and capacity</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Design capacity (number of beds)</td>
<td>Floor space of facilities (gross)</td>
</tr>
<tr>
<td>Juvenile facilities</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Local jail</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State or regional prison</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National prison</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
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</tbody>
</table>

### Other

<table>
<thead>
<tr>
<th>Type</th>
<th>% Weights</th>
<th>Describe the system size</th>
<th>Primary measure of output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Specify other measure</td>
</tr>
<tr>
<td>Describe the nature of the business activity</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RC5  Description of asset**

Provide a description of the entity (max 250 words): ____________
Materiality

**MA1** Has the entity undertaken an ESG materiality assessment in the last three years?

- Yes
  - [UPLOAD OR URL]
  - Indicate where in the evidence the relevant information can be found

- No
  - Provide additional context for the answer provided (not validated, for reporting purposes only): 

**MA2** GRESB Materiality Assessment

Sector specific materiality weightings are assigned to the entity based on the primary sector selected (i.e. they are sector determined). For each ESG issue, materiality weightings are set at one of three levels: Not relevant, Relevant, and Highly relevant. These pre-defined weightings are used in several subsequent indicators for scoring (this is noted within each relevant indicator). Review the sector specific materiality weightings below. For each of the ESG issues, if the materiality of that issue for your entity differs from the sector specific materiality, then enter your entity specific materiality and provide a justification. Where the entity has completed a materiality assessment previously as referred to in MA1, this should provide the basis for the entity specific materiality. For the 2018 assessment, only the pre-defined sector specific materiality is used for further scoring, the entity specific materiality is not used further but will help to further redefine the materiality process in 2019 and beyond.
Select the entity’s primary sector (based on response to RC4):

<table>
<thead>
<tr>
<th>Primary sector</th>
<th>Materiality level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combined heat &amp; power</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Diversified/Other</td>
<td>Relevant</td>
</tr>
<tr>
<td>Energy transmission, distribution &amp; storage</td>
<td>Highly relevant</td>
</tr>
<tr>
<td>Fossil fuel generation</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (distributed): Hydro</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (distributed): Solar</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (utility): Wind</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (utility): Biomass</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (utility): Geothermal</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (utility): Hydro</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (utility): Solar</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (utility): Waste to energy</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (utility): Wind</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (utility): Social</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (utility): Telecommunications</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (utility): Transportation: Airport</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (utility): Transportation: Ports</td>
<td></td>
</tr>
<tr>
<td>Renewable energy (utility): Water Resource Management</td>
<td></td>
</tr>
</tbody>
</table>

Provide additional context for the answer provided (not validated, for reporting purposes only):

- Combined heat & power
- Diversified/Other
- Energy transmission, distribution & storage
- Fossil fuel generation
- Renewable energy (distributed): Hydro
- Renewable energy (distributed): Solar
- Renewable energy (utility): Wind
- Renewable energy (utility): Biomass
- Renewable energy (utility): Geothermal
- Renewable energy (utility): Hydro
- Renewable energy (utility): Solar
- Renewable energy (utility): Waste to energy
- Renewable energy (utility): Wind
- Renewable energy (utility): Social
- Renewable energy (utility): Telecommunications
- Renewable energy (utility): Transportation: Airport
- Renewable energy (utility): Transportation: Ports
- Renewable energy (utility): Water Resource Management
- Transportation: Railroad
- Transportation: Rolling stock
- Transportation: Toll road operations
- Waste Treatment and Disposal
- Water Resource Management
Does the entity have specific ESG objectives?

Yes
The objectives relate to (multiple answers possible)
- General sustainability
- Environment
- Social
- Governance
The objectives are (select one)
- Fully integrated into the overall business strategy
- Partially integrated into the overall business strategy
- Not integrated into the overall business strategy
The objectives are
- Publicly available
  [UPLOAD] OR URL___________
  Indicate where in the evidence the relevant information can be found____
- Not publicly available
  [UPLOAD]
  Indicate where in the evidence the relevant information can be found____
Communicate the objectives and explain how the objectives are integrated into the overall business strategy (maximum 250 words)
____________

No
Provide additional context for the answer provided (not validated, for reporting purposes only)
____________
Leadership & Accountability

MA4  Does the entity have one or more persons responsible for implementing ESG objectives? (multiple answers possible)

- Yes
  - Dedicated employee for whom sustainability is the core responsibility
    - Provide the details for the most senior of these employees
      - Name: ____________
      - Job title: ____________
      - E-mail (optional): ____________
      - LinkedIn profile (optional): ____________
  - Employee for whom sustainability is among their responsibilities
    - Provide the details for the most senior of these employees
      - Name: ____________
      - Job title: ____________
      - E-mail (optional): ____________
      - LinkedIn profile (optional): ____________
  - External consultant/manager
    - Name of the organization: Service provider
    - Name of the main contact: ____________
    - Job title: ____________
    - E-mail (optional): ____________
    - LinkedIn profile (optional): ____________

- No
  - Provide additional context for the answer provided (not validated, for reporting purposes only)
    - ____________
Does the entity have a senior decision-maker accountable for ESG issues?

☐ Yes
  Provide the details for the most senior decision-maker on ESG issues
  Name / organization name: ____________
  Job title: ____________
  E-mail (optional): ____________
  LinkedIn profile (optional): ____________
  The individual’s most senior role is as part of:
  ☐ Board of Directors
  ☐ Senior Management Team
  ☐ Other: ____________

☐ No
  Provide additional context for the answer provided (not validated, for reporting purposes only)
  ____________
MA6  Does the entity include ESG factors in the annual performance targets of personnel?

☐ Yes

Select the employees to whom these targets apply (multiple answers possible):

☐ All employees
☐ Board of Directors
☐ Senior management team
☐ Other: ___________

Does performance on these targets have pre-determined consequences?

☐ Yes
  ☐ Financial consequences
  ☐ Non-financial consequences

☐ 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

Provide additional context for the answer provided (not validated, for reporting purposes only)

__________
Is ESG-related training provided for the entity?

- Yes
  - Training provided to:
    - Employees
      - Training covers:
        - Environmental issues
        - Social issues
        - Governance issues
    - Contractors/operators
      - Training covers:
        - Environmental issues
        - Social issues
        - Governance issues
    - Other (e.g. customers): ____________
      - Training covers:
        - Environmental issues
        - Social issues
        - Governance issues
  
- 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 (not validated, for reporting purposes only)

__________
Does this entity have a policy or policies on environmental issues?

Yes

Select all material issues which are covered by a policy or policies
- Air pollutants
- Biodiversity and habitat protection
- Contamination
- Energy
- Greenhouse gas emissions
- Light pollution
- Materials sourcing & resource efficiency
- Noise
- Resilience to catastrophe/disaster
- Resilience (adaptation) to climate change
- Waste
- Water pollution
- Water use
- Other issues: ____________

Policy or policies also apply to the following stakeholder group(s)
- Contractors
- Suppliers
- Supply chain (beyond tier 1 suppliers and contractors)
- Other: ____________

UPLOAD OR URL ____________

Indicate where in the evidence the relevant information can be found ____________

No

Provide additional context for the answer provided (not validated, for reporting purposes only)

_________________
PD2  Does this entity have a policy or policies on social issues?

Yes
Select all material issues which are covered by a policy or policies

☐ Child labor
☐ Community development
☐ 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
☐ Social enterprise partnering
☐ Stakeholder relations
☐ Other issues: ____________

Policy or policies also apply to the following stakeholder group(s)

☐ Contractors
☐ Suppliers
☐ Supply chain (beyond Tier 1 suppliers and contractors)
☐ Other: ____________

UPLOAD OR URL ____________
Indicate where in the evidence the relevant information can be found ____________

No
Provide additional context for the answer provided (not validated, for reporting purposes only)

____________
Does this entity have a policy or policies on governance issues?

Yes

Select all material board-level issues which are covered by a policy or policies

- Audit committee structure/independence
- Board composition
- Compensation committee structure/independence
- Executive compensation
- Independence of Board chair
- Lobbying activities
- One share/one vote
- Other issues: ____________

Select all material operational issues which are covered by a policy or policies

- Bribery and corruption
- Data protection and privacy (incl. cybersecurity)
- Fiduciary duty
- Fraud
- Political contributions
- Whistleblower protection
- Other issues: ____________

Operational policy or policies also apply to the following stakeholder group(s)

- Contractors
- Suppliers
- Supply chain (beyond Tier 1 suppliers and contractors)
- Other: ____________

Indicate where in the evidence the relevant information can be found____

No

Provide additional context for the answer provided (not validated, for reporting purposes only)

___________
ESG Disclosure

PD4  Does the entity disclose its ESG actions and/or performance?

☐ Yes

Communication strategy:

☐ Integrated Report

*Integrated Report must be aligned with the IIRC framework

☐ Entity

☐ Group

UPLOAD OR URL____________

Indicate where in the evidence the relevant information can be found____

Aligned with third-party standard__________________

☐ Sustainability Report

☐ Entity

☐ Group

UPLOAD OR URL____________

Indicate where in the evidence the relevant information can be found____

Aligned with third-party standard__________________

☐ Section of Annual Report

☐ Entity

☐ Group

UPLOAD OR URL____________

Indicate where in the evidence the relevant information can be found____

Aligned with third-party standard__________________

☐ Public website

☐ Entity

☐ Group

UPLOAD OR URL____________

Indicate where in the evidence the relevant information can be found____

☐ Entity reporting to investors

☐ Entity

☐ Group

UPLOAD OR URL____________

Indicate where in the evidence the relevant information can be found____

Aligned with third-party standard__________________
Other: ____________

- Entity
- Group

OR URL ____________

Indicate where in the evidence the relevant information can be found.

Aligned with third-party standard: Guideline name

- No

Provide additional context for the answer provided (not validated, for reporting purposes only)

Guideline name

- GRI Sustainability Reporting Guidelines
- IIRC International Integrated Reporting Framework
- PRI Reporting Framework
- Other: ____________
Does this entity have third-party review of its ESG disclosure?

☐ Yes

Select the most stringent level of review in each area:

Integrated Report
☐ Externally checked by Service provider
☐ Externally verified by Service provider using Scheme name
☐ Externally assured by Service provider using Scheme name

Sustainability Report
☐ Externally checked by Service provider
☐ Externally verified by Service provider using Scheme name
☐ Externally assured by Service provider using Scheme name

Section of Annual Report
☐ Externally checked by Service provider
☐ Externally verified by Service provider using Scheme name
☐ Externally assured by Service provider using Scheme name

Entity reporting to investors
☐ Externally checked by Service provider
☐ Externally verified by Service provider using Scheme name
☐ Externally assured by Service provider using Scheme name

Other: ____________
☐ Externally checked by Service provider
☐ Externally verified by Service provider using Scheme name
☐ Externally assured by Service provider using Scheme name

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 (not validated, for reporting purposes only)

____________
**PD6  Does the entity have a process to communicate about ESG-related misconduct, penalties, incidents or accidents?**

- **Yes**
  
  Describe the communication process [maximum 250 words]

  The entity would communicate misconduct, penalties, incidents or accidents to
  - Clients/Customers
  - Contractors
  - Community/Public
  - Employees
  - Investors
  - Regulators/Government
  - Special interest groups (NGOs, Trade Unions, etc.)
  - Suppliers
  - Other stakeholders: ____________

- **No**
  
  Provide additional context for the answer provided [not validated, for reporting purposes only]

**PD7  Has the entity been involved in any significant ESG-related misconduct, penalties, incidents or accidents during the reporting period? (for reporting and sector leader award purposes only)*

*The response to this indicator will be reviewed as part of sector leader requirements

- **Yes**
  
  Specify the total number of cases which occurred

  Specify the total value of fines and/or penalties incurred during the reporting period

  Provide additional context for the response, focusing on the three most serious incidents

- **No**
  
  Provide additional context for the answer provided [not validated, for reporting purposes only]
Risk Assessments

RO1 Did the entity perform environmental risk assessment(s) within the last three years?

☐ Yes
☐ No

Select all material issues for which risk is assessed
☐ Air pollutants
☐ Biodiversity and habitat protection
☐ Contamination
☐ Energy
☐ Greenhouse gas emissions
☐ Light pollution
☐ Materials sourcing & resource efficiency
☐ Noise
☐ Resilience to catastrophe/disaster
☐ Resilience (adaptation) to climate change
☐ Waste
☐ Water pollution
☐ Water use
☐ 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

Provide additional context for the answer provided (not validated, for reporting purposes only)

____________
Did the entity perform social risk assessment(s) within the last three years?

- [ ] Yes
  - Select all material issues for which risk is assessed
    - [ ] Child labor
    - [ ] Community development
    - [ ] 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/working conditions
    - [ ] Social enterprise partnering
    - [ ] Stakeholder relations
    - [ ] 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

Provide additional context for the answer provided (not validated, for reporting purposes only)

___________
Did the entity perform governance risk assessment(s) within the last three years?

Yes

Select all material board-level issues for which risk is assessed
- Audit committee structure/independence
- Board composition
- Compensation committee structure/independence
- Executive compensation
- Independence of Board chair
- Lobbying activities
- Other issues: ____________

Select all material operational issues for which risk is assessed
- Bribery and corruption
- Data protection and privacy
- Fraud
- Fiduciary duty
- Political contributions
- Whistleblower protection
- Other issues: ____________

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 (not validated, for reporting purposes only)

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

- Yes
  - Types of formal assessments 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
Can the entity provide specific examples of actions taken to mitigate ESG related risks or improve ESG 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.

<table>
<thead>
<tr>
<th>ESG issues addressed</th>
<th>Keywords describing action</th>
<th>Description of action</th>
<th>Fraction of entity covered</th>
<th>Context</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select issue</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>+ Add an issue</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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<th>Description of action</th>
<th>Fraction of entity covered</th>
<th>Context</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>Select issue</td>
<td></td>
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<tr>
<td>+ Add an issue</td>
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<table>
<thead>
<tr>
<th>ESG issues addressed</th>
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<th>Description of action</th>
<th>Fraction of entity covered</th>
<th>Context</th>
</tr>
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<tbody>
<tr>
<td>Governance</td>
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<td></td>
</tr>
<tr>
<td>Select issue</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>+ Add an issue</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 (not validated, for reporting purposes only)

---

Categories of environmental issues (select applicable issue for each activity)

- Air pollutants
- Biodiversity and habitat protection
- Contamination
- Energy
- Greenhouse gas emissions
- Light pollution
- Materials sourcing & resource efficiency
- Noise
- Resilience to catastrophe/disaster
- Resilience (adaptation) to climate change
- Waste
- Water pollution
- Water use
- Other _____

Categories of social issues (select applicable issue for each activity)

- Child labor
- Community development
- 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
- Social enterprise partnering
- Stakeholder relations
- Other _____

Categories of governance issues (select applicable issue for each activity)

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

Classify the fraction of the entity covered by the action

- > 0%, < 25%
- ≥ 25%, < 50%
- ≥ 75%, ≤ 100%
Did the entity maintain or achieve alignment with, or accreditation to, an ESG-related management standard?

○ Yes

List the accreditations maintained or achieved (select all that apply):
- ISO 55000
- ISO 14001
- ISO 9001
- OHSAS 18001
- Other standard: ____________

List the management standards aligned with (select all that apply):
- ISO 26000
- ISO 20400
- ISO 50001
- Other standard: ____________

UPLOAD OR URL ____________

Indicate where in the evidence the relevant information can be found____

○ No

Provide additional context for the answer provided (not validated, for reporting purposes only)

______________
Does the entity monitor environmental performance?

Yes

Select all material issues for which performance is monitored

- Air pollutants
- Biodiversity and habitat protection
- Contamination
- Energy
- Greenhouse gas emissions
- Light pollution
- Materials Sourcing & Resource efficiency
- Noise
- Resilience to catastrophe/disaster
- Resilience (adaptation) to climate change
- Waste
- Water pollution
- Water use
- Other: ____________

For each of the selected issues explain which indicators are monitored (maximum 250 words)

__________

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

Provide additional context for the answer provided (not validated, for reporting purposes only)

__________
Does the entity monitor social performance?

☐ Yes

Select all material issues for which performance is monitored

☐ Child labor
☐ Community development
☐ 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/working conditions
☐ Social enterprise partnering
☐ Stakeholder relations
☐ Other: ____________

For each of the selected issues explain which indicators are monitored [maximum 250 words]

____________

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

Provide additional context for the answer provided [not validated, for reporting purposes only]

____________
Does the entity monitor governance performance?

Yes

Select all material board-level issues for which performance is monitored
- Audit committee structure/independence
- Board composition
- Compensation committee structure/independence
- Executive compensation
- Independence of Board chair
- Lobbying activities
- Other issues: ____________

Select all material operational issues for which performance is monitored
- Bribery and corruption
- Data protection and privacy
- Fraud
- Fiduciary duty
- Political contributions
- Whistleblower protection
- Other issues: ____________

For each of the selected issues explain which indicators are monitored (maximum 250 words)

___________

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

Provide additional context for the answer provided (not validated, for reporting purposes only)

___________
Stakeholder Engagement

SE1 Does the entity have a stakeholder engagement program?

- Yes
  - Select elements of the stakeholder engagement program
    - Planning and preparation for engagement
    - Implementation of engagement plan
    - Program review and evaluation
    - Training
    - Other: ____________

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

- Yes
- No

Which stakeholders does the stakeholder engagement program apply to?

- Clients/Customers
- Community/Public
- Contractors
- Employees
- Investors
- Regulators / Government
- Special interest groups (NGO’s, Trade Unions, etc)
- Suppliers
- Supply chain (beyond Tier 1 suppliers and 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 (not validated, for reporting purposes only)

Guideline name

- GRI Sustainability Reporting Guidelines
- IIRC International Integrated Reporting Framework
- PRI Reporting Framework
- Other: ____________
Can specific examples of actions taken to implement the stakeholder engagement program be provided?

Yes

Describe the key actions undertaken to implement the stakeholder engagement program over the last 3 years

<table>
<thead>
<tr>
<th>Type of activity</th>
<th>Description of the activity</th>
<th>Stakeholder group(s) involved</th>
<th>Nature of activity</th>
<th>Benefits of the activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add an activity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Add an activity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 (not validated, for reporting purposes only)

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

- Yes

Select all characteristics applicable to the process:

- Dialogue based
- Legitimate & safe
- Accessible
- Improvement based
- Predictable
- Equitable & rights compatible
- Transparent
- Anonymous
- Prohibitive against retaliation
- Other: ____________

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

- Clients/Customers
- Community/Public
- Contractors
- Employees
- Investors
- Regulators / Government
- Special interest groups (NGO's, Trade Unions, etc)
- Suppliers
- Supply chain (beyond Tier 1 suppliers and 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

Provide additional context for the answer provided (not validated, for reporting purposes only)

____________
SE4 Has the entity received stakeholder grievances during the reporting period? (for reporting purposes only)

○ Yes
  Describe the grievances received during the reporting period
  □ Number of grievances communicated
    _____________
  □ Summary of grievances: _____________
  □ Summary of resolutions for grievances: _____________

○ No
  Provide additional context for the answer provided (not validated, for reporting purposes only)
    _____________
SE5  Does the entity include ESG specific requirements in procurement processes to drive sustainable procurement?

☐ Yes

Select all issues covered by procurement processes (multiple answers possible):

☐ Business ethics
☐ Environmental process standards
☐ Environmental product standards
☐ Human rights
☐ Human health-based product standards
☐ Occupational health and safety
☐ ESG-specific requirements for sub-contractors
☐ Other: ____________

Select the external parties to whom the requirements apply (multiple answers possible):

☐ Contractors
☐ Operators
☐ Suppliers
☐ Supply chain (beyond tier 1 suppliers and 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

SE6  Does the entity engage with its supply chains to ensure the specific ESG requirements in SE5 are met?

☐ Yes

Describe the process (maximum 250 words)

__________

☐ No

Provide additional context for the answer provided (not validated, for reporting purposes only)

__________
Performance Indicators

Output

PI1 Can the entity report on measures of output? (for reporting purposes only)

☐ Yes

This table is intended to capture the most important measures of overall output for the entity. This is a measure of the productive activity or activities provided by the infrastructure usually linked to its primary purpose. Revenue is provided as a common economic metric of output but other metrics are physical (e.g. MWh of energy generated). As well as Revenue, the participant must enter data for the primary sector output metric selected in RC4. Where the primary sector is ‘diversified’, multiple output metrics may be needed. Additional output measures are optional. For each output metric, participants must provide data for the reporting year. Baselines and Long-term targets are optional.

<table>
<thead>
<tr>
<th>Metrics</th>
<th>Units</th>
<th>Baseline</th>
<th>2017</th>
<th>2017 Long-term target end year</th>
</tr>
</thead>
<tbody>
<tr>
<td>From RC4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Add an metric

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

____________________

☐ No

Provide additional context for the answer provided (not validated, for reporting purposes only)

____________________
**Health & Safety**

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

**Yes**

<table>
<thead>
<tr>
<th>Employees</th>
<th>Performance</th>
<th>Targets</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Metrics</strong></td>
<td><strong>Units</strong></td>
<td><strong>Baseline</strong></td>
</tr>
<tr>
<td>Fatailities</td>
<td>Number</td>
<td></td>
</tr>
<tr>
<td>Reportable Injuries</td>
<td>Number</td>
<td></td>
</tr>
<tr>
<td>Lost Time Injury Frequency Rate</td>
<td>Number/million hours worked</td>
<td></td>
</tr>
<tr>
<td>Total Recordable Injury Frequency Rate</td>
<td>Number/million hours worked</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>Number</td>
<td></td>
</tr>
</tbody>
</table>

**Contractors**

<table>
<thead>
<tr>
<th><strong>Metrics</strong></th>
<th><strong>Units</strong></th>
<th><strong>Baseline</strong></th>
<th><strong>2017</strong></th>
<th><strong>2017</strong></th>
<th><strong>Long-term target end year</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatailities</td>
<td>Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reportable Injuries</td>
<td>Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lost Time Injury Frequency Rate</td>
<td>Number/million hours worked</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Recordable Injury Frequency Rate</td>
<td>Number/million hours worked</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Customers & Community**

<table>
<thead>
<tr>
<th><strong>Metrics</strong></th>
<th><strong>Units</strong></th>
<th><strong>Baseline</strong></th>
<th><strong>2017</strong></th>
<th><strong>2017</strong></th>
<th><strong>Long-term target end year</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatailities</td>
<td>Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reportable Injuries</td>
<td>Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Provide the standards, methodologies and/or assumptions used. Optionally, provide information on interpretation of performance data and targets [maximum 250 words]

____________

**No**

Provide additional context for the answer provided (not validated, for reporting purposes only)

____________
PI3 Can the entity report on energy performance?

- Yes

<table>
<thead>
<tr>
<th>Energy performance</th>
<th>Units</th>
<th>Baseline</th>
<th>2017</th>
<th>2017</th>
<th>Long-term target end year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy imported (Total)</td>
<td>MWh</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy imported (renewable)</td>
<td>MWh</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy generated (Total)</td>
<td>MWh</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy generated (renewable)</td>
<td>MWh</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy consumed (Total)</td>
<td>MWh</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy exported (Total)</td>
<td>MWh</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy exported (renewable)</td>
<td>MWh</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

- No

Provide additional context for the answer provided (not validated, for reporting purposes only)
PI4 Can the entity report on greenhouse gas emissions?

Yes

<table>
<thead>
<tr>
<th>Metrics</th>
<th>Units</th>
<th>Baseline</th>
<th>Performance</th>
<th>Targets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scope 1</td>
<td>tCO₂e</td>
<td></td>
<td>2017</td>
<td>2017</td>
</tr>
<tr>
<td>Scope 2</td>
<td>tCO₂e</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scope 3 (optional)</td>
<td>tCO₂e</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total GHG emissions (Scope 1+2+3)</td>
<td>tCO₂e</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emissions avoided (renewable energy source)</td>
<td>tCO₂e</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>On-site offsets</td>
<td>tCO₂e</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Offsets purchased</td>
<td>tCO₂e</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net GHG emissions</td>
<td>tCO₂e</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

No

Provide additional context for the answer provided (not validated, for reporting purposes only)
**PI5 Can the entity report on generated air pollutant emissions?**

- **Yes**

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

- **No**

- **Not applicable**

  Provide additional context for the answer provided (not validated, for reporting purposes only)

### Emissions generated

<table>
<thead>
<tr>
<th>Metrics</th>
<th>Units</th>
<th>Performance</th>
<th>Targets</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Baseline</td>
<td>2017</td>
</tr>
<tr>
<td>SO2x</td>
<td>kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOx</td>
<td>kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM2.5</td>
<td>kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM10</td>
<td>kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ozone</td>
<td>kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Water & Waste

### PI6 Can the entity report on water performance?

**Yes**

<table>
<thead>
<tr>
<th>Withdraws</th>
<th>Performance</th>
<th>Targets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metrics</td>
<td>Units</td>
<td>Baseline</td>
</tr>
<tr>
<td>Pottable water supply</td>
<td>ML</td>
<td></td>
</tr>
<tr>
<td>Surface water/river</td>
<td>ML</td>
<td></td>
</tr>
<tr>
<td>Seawater</td>
<td>ML</td>
<td></td>
</tr>
<tr>
<td>Groundwater</td>
<td>ML</td>
<td></td>
</tr>
<tr>
<td>Rainwater</td>
<td>ML</td>
<td></td>
</tr>
<tr>
<td>Recycled water (from external suppliers)</td>
<td>ML</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>ML</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Consumption</th>
<th>Performance</th>
<th>Targets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metrics</td>
<td>Units</td>
<td>Baseline</td>
</tr>
<tr>
<td>Consumption</td>
<td>ML</td>
<td></td>
</tr>
<tr>
<td>Evaporation and losses</td>
<td>ML</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>ML</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Discharged</th>
<th>Performance</th>
<th>Targets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metrics</td>
<td>Units</td>
<td>Baseline</td>
</tr>
<tr>
<td>Municipal Treatment Plant</td>
<td>ML</td>
<td></td>
</tr>
<tr>
<td>Surface water/river</td>
<td>ML</td>
<td></td>
</tr>
<tr>
<td>Seawater</td>
<td>ML</td>
<td></td>
</tr>
<tr>
<td>Groundwater</td>
<td>ML</td>
<td></td>
</tr>
<tr>
<td>Recycled water (produced on-site)</td>
<td>ML</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>ML</td>
<td></td>
</tr>
</tbody>
</table>

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

---

**No**

**Not applicable**

Provide additional context for the answer provided (not validated, for reporting purposes only)

---
### Can the entity report on waste generation and disposal?

**Yes**

<table>
<thead>
<tr>
<th>Waste generation</th>
<th>Performance</th>
<th>Targets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metrics</td>
<td>Units</td>
<td>Baseline</td>
</tr>
<tr>
<td>Hazardous</td>
<td>Tonnes</td>
<td></td>
</tr>
<tr>
<td>Non-hazardous</td>
<td>Tonnes</td>
<td></td>
</tr>
<tr>
<td>Other _____</td>
<td>Tonnes</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waste disposal</th>
<th>Performance</th>
<th>Targets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metrics</td>
<td>Units</td>
<td>Baseline</td>
</tr>
<tr>
<td>Re-use</td>
<td>Tonnes</td>
<td></td>
</tr>
<tr>
<td>Recycling</td>
<td>Tonnes</td>
<td></td>
</tr>
<tr>
<td>Waste to energy</td>
<td>Tonnes</td>
<td></td>
</tr>
<tr>
<td>Incineration</td>
<td>Tonnes</td>
<td></td>
</tr>
<tr>
<td>Landfill</td>
<td>Tonnes</td>
<td></td>
</tr>
<tr>
<td>Other _____</td>
<td>Tonnes</td>
<td></td>
</tr>
</tbody>
</table>

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

___________

**No**

**Not applicable**

Provide additional context for the answer provided (not validated, for reporting purposes only)

___________
### Biodiversity & Habitat 2017 Indicator

**PI8 Can the entity report on biodiversity and habitat?**

- **Yes**

<table>
<thead>
<tr>
<th>Wildlife</th>
<th>Metrics</th>
<th>Units</th>
<th>Baseline</th>
<th>2017</th>
<th>2017</th>
<th>Long-term target end year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Wildlife fatalities</td>
<td>Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>T&amp;E species fatalities</td>
<td>Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Habitat management</th>
<th>Metrics</th>
<th>Units</th>
<th>Baseline</th>
<th>2017</th>
<th>2017</th>
<th>Long-term target end year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Habitat removed</td>
<td>Ha</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Habitat enhanced or restored</td>
<td>Ha</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Habitation protected [on-site]</td>
<td>Ha</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Habitat protected [off-site]</td>
<td>Ha</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>Ha</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

- **No**

Provide additional context for the answer provided (not validated, for reporting purposes only)
Certifications & Awards

Certifications

2017 Indicator

CA1 Did the entity maintain or achieve asset-level certifications for ESG-related management and/or performance?

☐ Yes

List certifications achieved

<table>
<thead>
<tr>
<th>Project name</th>
<th>Date of award</th>
<th>Scheme name/Sub-scheme name/Level</th>
<th>Phase</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Scheme / sub-scheme</td>
<td>Phase</td>
</tr>
<tr>
<td>+ Add a project</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

UPLOAD OR URL____________

Indicate where in the evidence the relevant information can be found____

☐ No

Provide additional context for the answer provided (not validated, for reporting purposes only)

____________

Scheme Name/Sub-scheme Name

A list of provisionally validated certification schemes is provided in Appendix of the Reference Guide. If you wish to add a new scheme, please contact info@gresb.com, and you will be asked to complete the validation questions for the scheme (see Reference Guide Appendix).

Phases

- Planning and design
- Construction
- Operations
Awards

CA2  Did the entity receive awards for ESG-related actions, performance, or achievements? (for reporting purposes only)

- Yes
  Information about third-party awards
  
<table>
<thead>
<tr>
<th>Award name</th>
<th>Organization issuing award</th>
<th>Date of award</th>
<th>Basis for award</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

  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 (not validated, for reporting purposes only)

  ____________