



2018

---

# Asset Scoring Document

# Contents

Scoring Document Preface

Management

Policy & Disclosure

Risks & Opportunities

Monitoring & EMS

Stakeholder Engagement

Performance Indicators

Certifications & Awards

## Document preface:

This document aims to outline the scoring methodology of the 2018 Infrastructure Asset Assessment. It is shared for information purposes in an effort to increase transparency around the Assessment, Methodology and Scoring processes.

## How to read this document?

The GRESB Infrastructure Asset Scoring Document provides a visual breakdown of each indicator score included in the 2018 GRESB Infrastructure Asset Assessment. Since it does not include the reporting requirements of indicators, we recommend to read this document in conjunction with the 2018 GRESB Infrastructure Asset Reference Guide, available on our website at [www.gresb.com/resources](http://www.gresb.com/resources).

Each indicator presented in the GRESB Infrastructure Asset Scoring Document is presented in a consistent manner to reflect the 2018 GRESB Infrastructure Asset Reference Guide. Numbers documented in red on the left side of each scored indicator have been added to provide the scoring breakdown of that indicator. In particular, the below icons have been applied to interpret the scoring document:

- Numbers documented in red on the most left side of each scored indicator represent the fraction of the total number of points available, and apply to all options contained within their respective bracket (when applicable).
- Numbers provided within brackets represent the fraction of the total number of points for that section.
- Symbols "x" outside (or inside) brackets require a validation decision as part of the GRESB validation process (i.e. supporting evidence). The validation decision symbols act as multipliers of the overall indicator score (or fraction of overall indicator score) of which the possible values are documented in the below narrative.
- Blue line/bracket represents a Diminishing Increase in Scoring approach being applied. This scoring methodology is described further in the below section.
- Red 'M' symbol represents the application of Materiality Scoring. This scoring approach is explained in more detail below and beneath each indicator.

## Examples of indicator level scoring:

Example 1: MA5 indicator:

Total score of MA5 amounts to 1.3 points (p). These 1.3p are split between:

- Selecting Yes to having a senior decision-maker:  $1/5 * 1.3p = 0.26p$
- Selecting individual's most senior role:  $4/5$  (maximum)  $* 1.3p = 1.04p$

Example 2: MA6 indicator:

The total score of MA6 amounts to 2.8 points (p). These 2.8p are split between:

- Selecting Yes to having specific ESG factors in annual performance targets:  $1/5 * 2.8p = 0.56p$
- Section describing who targets apply to:  $2/5$  (maximum)  $* 2.8p = 1.12p$ .
- Section describing whether targets have pre-determined consequences:  $2/5$  (maximum)  $* 2.8p = 1.12p$ .
- Validation decision applied to the evidence: Multiplier impact (i.e. 1x, 0.65x or 0.3x) applied to the above combined score.

As mentioned in the 2018 Reference Guide, the validation status of the evidence provided should meet the following criteria:

1. The objective(s) should be specific, and the evidence supports each of the selected objectives.
2. Objectives should relate to the entity level. If this is not clear in the provided evidence, ensure to explain how the organizational level objectives relate to the entity in the text field provided for the location of the relevant information.
3. Evidence should clearly indicate the public availability if the objectives (if applicable)

If you have any questions on how to interpret the information included in this document, please contact us via [info@gresb.com](mailto:info@gresb.com).

# Scoring Methodology

---

## Aspect Scoring Concepts

The GRESB Infrastructure Asset Assessment is structured in to seven ESG Aspects. The weighted combination of scores for each Aspect generates the overall GRESB Score.

Aspect	Weight (% Overall Score)
Management	12.3%
Policy & Disclosure	12.0%
Risks & Opportunities	22.3%
Monitoring & EMS	10.2%
Stakeholder Engagement	10.4%
Performance Indicators	30.2%
Certifications & Awards	2.5%

## Indicator Scoring display

Within each indicator, the following scoring allocations are displayed:

1. Total Points: The sum of the scores for each indicator adds up to a maximum of 100 points; the overall GRESB Score is expressed as a percentage – from 0 to 100. The rounded score for each indicator is displayed as points, above the text for each indicator.
2. IM/MP Dimensions: To provide additional understanding of performance, the score is divided into two dimensions: Management & Policy (MP) and Implementation & Measurement (IM). The allocation to either IM or MP dimension is displayed in this format, above the text for each indicator.
3. ESG Score: Each indicator is allocated to one of the three sustainability dimensions (E - environmental, S - Social, G - Governance). The allocation to either E, S or G dimension is displayed in this format, above the text for each indicator.

## General Scoring Concepts

Points per indicator are decided by GRESB's governance committees in advance of the GRESB Infrastructure Assessment opening.

### Section 2 scoring

The Asset Assessment adopts two main scoring concepts for Section 2.

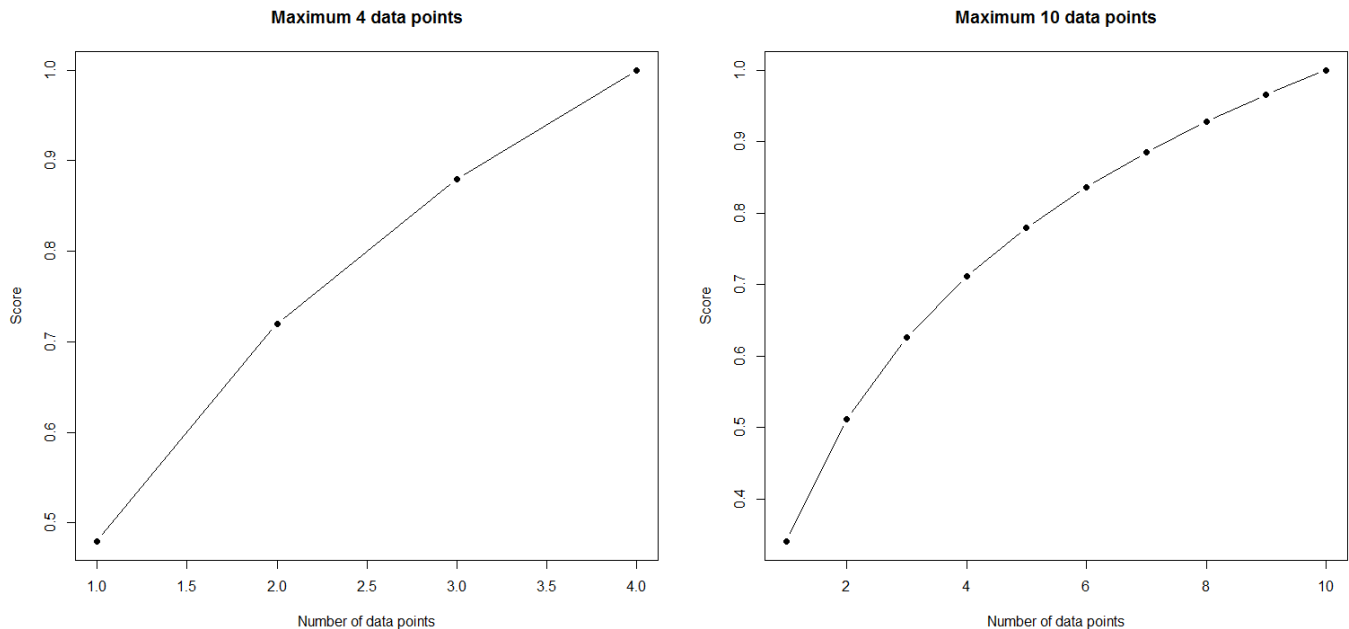
**Aggregated points:** For indicators where you can select one or more sub-options, GRESB may award points cumulatively for each individual sub-option and then aggregates to calculate a final score for the indicator. This means that sub-options may be assigned a high or lower amount of points. For many indicators, this final score is capped at a maximum, which means that it is not necessary to select all answer sub-options in order to receive full points. This approach aims to reward best sustainability practices (i.e. more diligent disclosure practices).

**Diminishing Increase in Score approach:** Another scoring concept used frequently in the scoring of indicators is diminishing increase in scoring. The idea behind this concept is that the number of points achieved for each additional data point provided decreases as the number of provided data points increases. This means that the number of points achieved for the first data point will be higher than the number of points achieved for the

second, which again will be higher than for the third, and so on. This approach is commonly adopted when there is a large list of actions and it is not necessarily considered better practice or feasible for all actions to be undertaken.

For each indicator, the Scoring Document will state if the Diminishing increase in scoring approach is applied. The text beneath the relevant indicator will state this and it is also represented by the display of the blue line around the checkboxes where this scoring approach applies.

Plots of scores for differing number of reported data points



## Three Section Indicator

Most of the indicators in the GRESB Infrastructure Assessment are variations of what is considered the “Three Section Indicator”. A Three Section Indicator is made up of three sections, each scored separately, before being used for calculating the score for the indicator as a whole.

Section 1, 'Yes/No' answer: Always receives a score of either 1 or 0. This ensures that at least some points are awarded for answering yes.

Section 2, 'additional criteria' answer: Can receive a score between 0 and 1 and is determined by additional responses provided.

Section 3, 'evidence': This section consists of validated evidence which is intended to verify information provided in section 1 and 2 of the indicator. In the GRESB Infrastructure Assessment, evidence can be optional or mandatory, which is scored as follows:

- Optional evidence receives a score (0.3, 0.65 or 1), which will be the multiplier of the scores achieved in section 1 and 2. This means that 0.3 points are given for providing no evidence or not-accepted evidence. 0.65 points are given for providing partially accepted evidence. 1 point is given for providing fully accepted evidence.

The screenshot shows the GRESB Infrastructure Assessment interface for the 'Strategic Plan' section. The 'MA1' indicator asks 'Does the entity specifically address ESG issues in its long-term strategic plan(s)?'. The 'Yes' option is selected, and the 'Elements addressed in the entity's long-term strategic plan(s)' section shows 'Environmental performance', 'Social performance', and 'Governance performance' all checked. The 'Can the entity provide evidence as an UPLOAD or URL?' section shows 'Yes' selected, with 'Upload supporting evidence' and 'URL' options. The 'No' option is also visible. The 'Provide additional context for the answer provided (maximum 250 words)' section is at the bottom.

- In 2018, mandatory evidence is introduced for selected indicators. Mandatory evidence receives a score (0, 0.5 or 1), which will be the multiplier of the scores achieved in section 1 and 2. This means that 0 points are given for providing no evidence or not-accepted evidence. 0.5 points are given for providing partially accepted evidence. 1 point is given for providing fully accepted evidence. The indicator will receive no points unless the hyperlink and/or uploaded document is considered valid (i.e. partially and/or fully accepted).

The final indicator score is then calculated as:

$$\text{Indicator score} = (1/5 \times \text{Section 1 score} + 4/5 \times \text{Section 2 score}) \times \text{Section 3 score}$$

This means that 20% of the score can be achieved in section 1, 80% in Section 2, with a multiplier effect in Section 3.

## Materiality Scoring

In 2018, GRESB introduces materiality scoring for a selection of the Asset Assessment indicators. Participants are not expected to select all additional criteria to achieve the highest score. Participants will now be assessed on the ESG issues that are material to the infrastructure sector they operate in. The materiality weightings assigned per sector are displayed in the Appendix.

Materiality Scoring is only applied within specific Aspects, including i) Policy & Disclosure, ii) Risks & Opportunities, iii) Monitoring & EMS and iv) Performance Indicators. The Scoring Document clearly highlights if Materiality Scoring has been applied to each indicator. This is detailed in the text below the indicator and by the red 'M' symbol displayed to the left of the subsection where this scoring approach applies.



# Management

This Aspect focuses on how the entity addresses ESG management.

There are 7 indicators in the Aspect and all are scored, except MA2. The maximum number of points for the Aspect is 12.3 and this corresponds to 12.3% of the GRESB Score.

## Materiality

2017 Indicator

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

☐ Yes

**UPLOAD** or URL\_\_\_\_\_

<sup>1</sup>

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)

\_\_\_\_\_

1.3 points , MP, G

NEW

Only evidence is considered in the scoring for this indicator.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.5
Not accepted/not provided	0

**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.

NEW

Select the entity's primary sector (based on response to RC4): Classify asset sector ▼

	Issue	Sector specific materiality	Entity specific materiality	Justification for difference
Environmental	Air pollutants	Pre-defined	Select materiality ▼	
	Biodiversity & Habitat	Pre-defined	Select materiality ▼	
	Contamination	Pre-defined	Select materiality ▼	
	Energy	Pre-defined	Select materiality ▼	
	GHG	Pre-defined	Select materiality ▼	
	Resilience to catastrophe/ disaster	Pre-defined	Select materiality ▼	
	Resilience (adaptation) to climate change	Pre-defined	Select materiality ▼	
	Water	Pre-defined	Select materiality ▼	
	Waste	Pre-defined	Select materiality ▼	
	Noise	Pre-defined	Select materiality ▼	
	Resource efficiency	Pre-defined	Select materiality ▼	
	Water pollution	Pre-defined	Select materiality ▼	
	Light pollution	Pre-defined	Select materiality ▼	
Social	Child labour	Pre-defined	Select materiality ▼	
	Community development	Pre-defined	Select materiality ▼	
	Community/other stakeholder relations	Pre-defined	Select materiality ▼	
	Customer satisfaction	Pre-defined	Select materiality ▼	
	Discrimination	Pre-defined	Select materiality ▼	
	Employee engagement	Pre-defined	Select materiality ▼	
	Forced or compulsory labor	Pre-defined	Select materiality ▼	
	Freedom of association	Pre-defined	Select materiality ▼	
	Gender and diversity	Pre-defined	Select materiality ▼	
	Health and safety: employees	Pre-defined	Select materiality ▼	
	Health and safety: customers	Pre-defined	Select materiality ▼	
	Health and safety: community	Pre-defined	Select materiality ▼	
	Health and safety: supply chain	Pre-defined	Select materiality ▼	
	Labor standards and working conditions	Pre-defined	Select materiality ▼	
Governance - Board Level	Social enterprise partnering	Pre-defined	Select materiality ▼	
	Audit committee structure/ independence	Pre-defined	Select materiality ▼	
	Board composition	Pre-defined	Select materiality ▼	
	Bribery and corruption	Pre-defined	Select materiality ▼	
	Compensation committee structure/ independence	Pre-defined	Select materiality ▼	
Governance - Operational Level	Executive compensation	Pre-defined	Select materiality ▼	
	Data protection and privacy (incl. cyber security)	Pre-defined	Select materiality ▼	
	Fraud	Pre-defined	Select materiality ▼	
	Fiduciary duty	Pre-defined	Select materiality ▼	
	Independence of Board chair	Pre-defined	Select materiality ▼	
	Lobbying activities	Pre-defined	Select materiality ▼	
	One share/one vote	Pre-defined	Select materiality ▼	
	Political contributions	Pre-defined	Select materiality ▼	
	Whistleblower protection	Pre-defined	Select materiality ▼	

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

Not scored



■ This indicator is not scored in 2018.



### MA3 Does the entity have specific ESG objectives?

MA1

$\frac{1}{5}$  ☐ Yes

The objectives relate to (multiple answers possible)

- $\frac{2}{5}$
- $\frac{1}{6}$  ☐ General sustainability
  - $\frac{1}{3}$  ☐ Environment
  - $\frac{1}{3}$  ☐ Social
  - $\frac{1}{3}$  ☐ Governance

The objectives are (select one)

- $\frac{1}{5}$
- $\frac{2}{2}$  ☐ Fully integrated into the overall business strategy
  - $\frac{1}{2}$  ☐ Partially integrated into the overall business strategy
  - 0 ☐ Not integrated into the overall business strategy

The objectives are

- $\times$
- ☐ Publicly available
    - $\frac{1}{4}$  **UPLOAD** or URL \_\_\_\_\_
    - Indicate where in the evidence the relevant information can be found \_\_\_\_\_
  - ☐ Not publicly available
    - $\frac{3}{4}$  **UPLOAD**
    - Indicate where in the evidence the relevant information can be found \_\_\_\_\_

$\frac{1}{5}$  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)

### 2.8 points , MP, G

Points are awarded based on the whether the policies are publicly available (1x multiple) or not publicly available (0.75x multiple).

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.5
Not accepted/not provided	0

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status	Score
Full points	1

Partial points	0.5
No point	0

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

$\frac{1}{5}$  ☐ Yes

$\frac{4}{5}$  ☐ 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): \_\_\_\_\_

$\frac{3}{5}$  ☐ 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): \_\_\_\_\_

$\frac{2}{5}$  ☐ External consultant/manager

Name of the organization

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)

\_\_\_\_\_

1.3 points , MP, G

MA2

This indicator does not require evidence to be provided.

In this section, the respondent is required to report the name and title of the employee, but this information is not used for scoring.

## MA5 Does the entity have a senior decision-maker accountable for ESG issues?

MA3

1/5 ☐ 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:

- 4/5 ☐ 4/4 ☐ Board of Directors
- 4/5 ☐ 4/4 ☐ Senior Management Team
- 2/4 ☐ Other: \_\_\_\_\_
- ☐ No

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

\_\_\_\_\_

1.3 points , MP, G

This indicator does not require evidence to be provided.

In this section, the respondent is required to report the name and title of the employee, but this information is not used for scoring.

Other: 'Other' answer must be accepted during validation to achieve a score.

## MA6 Does the entity include ESG factors in the annual performance targets of personnel?

MA4

1/5 ☐ Yes

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

- 2/5
- 3/3 ☐ All employees
  - 2/3 ☐ Board of Directors
  - 2/3 ☐ Senior management team
  - 1/3 ☐ Other: \_\_\_\_\_

Does performance on these targets have pre-determined consequences?

- 2/5
- ☐ Yes
    - 1/2 ☐ Financial consequences
    - 1/2 ☐ Non-financial consequences
  - ☐ No

Can the entity provide evidence as an UPLOAD or URL?

- x 1
- ☐ Yes
    - UPLOAD** or URL \_\_\_\_\_
    - Indicate where in the evidence the relevant information can be found \_\_\_\_\_
  - 3/10 ☐ No
  - ☐ No

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

\_\_\_\_\_

### 2.8 points , MP, G

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3

Other: 'Other' answer must be accepted during validation to achieve a score.





MA7 Is ESG-related training provided for the entity?

MA5

1/5 ☐ Yes

Training provided to:

☐ Employees

Training covers:

1/3 ☐ Environmental issues

1/3 ☐ Social issues

1/3 ☐ Governance issues

☐ Contractors/operators

Training covers:

1/3 ☐ Environmental issues

1/3 ☐ Social issues

1/3 ☐ Governance issues

☐ Other (e.g. customers)

x \_\_\_\_\_

Training covers:

1/3 ☐ Environmental issues

1/3 ☐ Social issues

1/3 ☐ 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)

2.8 points , MP, G

Other: 'Other' answer must be accepted during validation to achieve a score.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3



# Policy & Disclosure

---

This Aspect focuses on the entity's ESG policies and approach to disclosure.

There are 7 indicators in the Aspect and all are scored, except PD7. The maximum number of points is 12.0 and this corresponds to 12.0% of the GRESB Score.

## Policies

2017 Indicator

1/5 ☐ Yes

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

- 3/5
- M

☐

Air pollutants
- M

☐

Biodiversity and habitat protection
- M

☐

Contamination
- M

☐

Energy
- M

☐

Greenhouse gas emissions
- M

☐

Light pollution
- M

☐

Materials sourcing & resource efficiency
- M

☐

Noise
- M

☐

Resilience to catastrophe/disaster
- M

☐

Resilience (adaptation) to climate change
- M

☐

Waste
- M

☐

Water pollution
- M

☐

Water use
- M

☐

Other issues: \_\_\_\_\_

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

- 1/5
- 1/3

☐

Contractors
- 1/3

☐

Suppliers
- 1/3

☐

Supply chain (beyond tier 1 suppliers and contractors)
- 1/3

☐

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)

\_\_\_\_\_

2 points , MP, E

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.5

Not accepted/not provided	0
---------------------------	---

Materiality scoring: The scoring of this indicator links to the Materiality for the entity's primary sector, as reported in RC 4. Refer Appendix 7 of GRESB Infrastructure Asset Assessment Reference Guide for Materiality Weightings.

If the sector materiality assessment has determined that an issue is 'not relevant' then the issue is not considered at all in scoring (e.g. there is no impact on score whether or not the issue is addressed in policies). If an issue is 'relevant' then the issue counts towards the score with 'standard' variable weighting. If an issue is 'highly relevant' then the issue counts towards the score with higher than 'standard' variable weighting.

Other: 'Other' answer must be accepted during validation to achieve a score.

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

PD2

1/5 ☐ Yes

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

- 3/5
- ☐ 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)

- 1/5
- ☐ Contractors
  - ☐ Suppliers
  - ☐ Supply chain (beyond Tier 1 suppliers and contractors)
  - ☐ Other: \_\_\_\_\_

**UPLOAD** or URL \_\_\_\_\_

x 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)

\_\_\_\_\_

2 points , MP, S

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.5
Not accepted/not provided	0

Materiality scoring: The scoring of this indicator links to the Materiality for the entity's primary sector, as reported in RC 4. Refer Appendix 7 of GRESB Infrastructure Asset Assessment Reference Guide for Materiality Weightings.

If an issue is 'relevant' then the issue counts towards the score with 'standard' variable weighting. If an issue is 'highly relevant' then the issue counts towards the score with higher than 'standard' variable weighting.

Other: 'Other' answer must be accepted during validation to achieve a score.

### PD3 Does this entity have a policy or policies on governance issues?

PD3

2/10 ☐ Yes

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

- 3/10
- ☐ M Audit committee structure/independence
  - ☐ M Board composition
  - ☐ M Compensation committee structure/independence
  - ☐ M Executive compensation
  - ☐ M Independence of Board chair
  - ☐ M Lobbying activities
  - ☐ M One share/one vote
  - ☐ M Other issues: \_\_\_\_\_

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

- 3/10
- ☐ M Bribery and corruption
  - ☐ M Data protection and privacy (incl. cybersecurity)
  - ☐ M Fiduciary duty
  - ☐ M Fraud
  - ☐ M Political contributions
  - ☐ M Whistleblower protection
  - ☐ M Other issues: \_\_\_\_\_

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

- 2/10
- ☐ 1/3 Contractors
  - ☐ 1/3 Suppliers
  - ☐ 1/3 Supply chain (beyond Tier 1 suppliers and contractors)
  - ☐ 1/3 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)

\_\_\_\_\_

2 points , MP, G

In 2018, the materiality weightings of the above governance issues was not impacted by the entity's primary sector. This is due to all governance issues being deemed as 'Relevant' for all sectors. However, materiality of governance issues may be applied in the future.

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.5
Not accepted/not provided	0

Other: 'Other' answer must be accepted during validation to achieve a score.





1/5 ☐ Yes

Communication strategy:

3/4 ☐ Integrated Report

\*Integrated Report must be aligned with the IIRC framework

4/4 ☐ Entity

2/4 ☐ Group

**UPLOAD** or URL \_\_\_\_\_

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

1/4 Aligned with third-party standard

3/4 ☐ Sustainability Report

4/4 ☐ Entity

2/4 ☐ Group

**UPLOAD** or URL \_\_\_\_\_

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

1/4 Aligned with third-party standard

3/4 ☐ Section of Annual Report

4/4 ☐ Entity

2/4 ☐ Group

**UPLOAD** or URL \_\_\_\_\_

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

1/4 Aligned with third-party standard

1 ☐ Public website

4/4 ☐ Entity

2/4 ☐ Group

**UPLOAD** or URL \_\_\_\_\_

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

3/4 ☐ Entity reporting to investors

4/4 ☐ Entity

2/4 ☐ Group

**UPLOAD** or URL \_\_\_\_\_

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

1/4 Aligned with third-party standard

☐ Other

3/4 \_\_\_\_\_

4/4 ☐ Entity

1/5

2/4

Group

1/4

UPLOAD

or URL

x

Indicate where in the evidence the relevant information can be found

1/4

Aligned with third-party standard

Guideline name

No

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

## 2 points , MP, G

Scoring within this indicator seeks to reward best disclosure practices in terms of reporting type and level. Each form of ESG disclosure method is assigned with a maximum number of points, respectively achieved by:

- The third-party alignment of the report (if applicable). The alignment standard and the corresponding evidence must be accepted during the validation process to receive a score.
- The reporting level (two reporting levels - Entity or Group - are mutually exclusive).

Alignment: the alignment standard and the corresponding evidence must be accepted during the validation process to receive a score.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.5
Not accepted/not provided	0

Other: 'Other' answer must be accepted during validation to achieve a score.

1/5 ☐ Yes

Select the most stringent level of review in each area:

☐ Integrated Report

- 1/4 ☐ Externally checked by
- 4/5 2/4 ☐ Externally verified by  using
- 4/4 ☐ Externally assured by  using

☐ Sustainability Report

- 1/4 ☐ Externally checked by
- 4/5 2/4 ☐ Externally verified by  using
- 4/4 ☐ Externally assured by  using

☐ Section of Annual Report

- 1/4 ☐ Externally checked by
- 4/5 2/4 ☐ Externally verified by  using
- 4/4 ☐ Externally assured by  using

☐ Entity reporting to investors

- 1/4 ☐ Externally checked by
- 2/5 2/4 ☐ Externally verified by  using
- 4/4 ☐ Externally assured by  using

☐ Other: \_\_\_\_\_

- 1/4 ☐ Externally checked by
- 2/5 2/4 ☐ Externally verified by  using
- 4/4 ☐ Externally assured by  using

Can the entity provide evidence as an UPLOAD or URL?

- 1/4 ☐ Yes
- 2/5 1 ☐ **UPLOAD** or URL \_\_\_\_\_
- Indicate where in the evidence the relevant information can be found \_\_\_\_\_
- 3/10 ☐ No
- ☐ No

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

2 points , MP, G

Scoring within this indicator seeks to reward best disclosure and review practices, with greater amount of points.

In order to achieve points for any of the checkboxes above, the number of points received in the corresponding section in PD4 must be higher than 0. Therefore, a participant cannot receive points for assurance of a disclosure type unless they received points for that same disclosure type in PD4 (i.e. checkbox must be selected and evidence fully accepted in validation).

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3

Other: 'Other' answer must be accepted during validation to achieve a score.

Service Provider: A service provider has to be picked to achieve a score.

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

PD7

1/5 ☐ Yes

2/5 Describe the communication process (maximum 250 words): \_\_\_\_\_

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

1/8 ☐ Clients/Customers

1/8 ☐ Contractors

1/8 ☐ Community/Public

1/8 ☐ Employees

2/5 1/8 ☐ Investors

1/8 ☐ Regulators/Government

1/8 ☐ Special interest groups (NGOs, Trade Unions, etc.)

1/8 ☐ Suppliers

1/8 ☐ Other stakeholders: \_\_\_\_\_

☐ No

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

\_\_\_\_\_

**2 points , MP, G**

No evidence is required for this indicator.

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

Other: 'Other' answer must be accepted during validation to achieve a score.

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status    Score

Full points	1
Partial points	0.5
No point	0

**PD7 Has the entity been involved in any significant ESG-related misconduct, penalties, incidents or accidents during the reporting period? (The response to this indicator will be reviewed as part of sector leader requirements)**

NEW

☐ 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)

\_\_\_\_\_

**Not scored**

**I** This indicator is not scored in 2018.



# Risks & Opportunities

---

This Aspect focuses on the entity's understanding and mitigation of key sustainability risks and opportunities.

There are 5 indicators in the Aspect and all are scored. This aspect corresponds to 22.3% of the GRESB Score.

In 2018, the structure of this Risks & Opportunities Aspect changed. This Aspect now includes indicator R05, which was the single indicator previously incorporated within the Implementation Aspect in 2017.

## Risk Assessments

**2017 Indicator**



## R01 Did the entity perform environmental risk assessment(s) within the last three years?

R01

1/5 ☐ Yes

Select all material issues for which risk is assessed

- 4/5
- ☐ 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?

- x 1 ☐ Yes
- UPLOAD** or URL \_\_\_\_\_
- Indicate where in the evidence the relevant information can be found \_\_\_\_\_
- 3/10 ☐ No
- ☐ No

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

\_\_\_\_\_

3.7 points , MP, E

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

Materiality scoring: The scoring of this indicator links to the Materiality for the entity's primary sector, as reported in RC 4. Refer Appendix 7 of GRESB Infrastructure Asset Assessment Reference Guide for Materiality Weightings.

If the sector materiality assessment has determined that an issue is 'not relevant' then the issue is not considered at all in scoring (e.g. there is no impact on score whether or not the issue is addressed in policies). If an issue is 'relevant' then the issue counts towards the score with 'standard' variable weighting. If an issue is 'highly relevant' then the issue counts towards the score with higher than 'standard' variable weighting.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be

partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3

Other: 'Other' answer must be accepted during validation to achieve a score.

## R02 Did the entity perform social risk assessment(s) within the last three years?

R02

1/5 ☐ Yes

Select all material issues for which risk is assessed

- 4/5
- ☐ 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?

- x 1 ☐ Yes
- UPLOAD** or URL \_\_\_\_\_
- Indicate where in the evidence the relevant information can be found \_\_\_\_\_
- 3/10 ☐ No
- ☐ No

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

3.7 points , MP, S

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

Materiality scoring: The scoring of this indicator links to the Materiality for the entity's primary sector, as reported in RC 4. Refer Appendix 7 of GRESB Infrastructure Asset Assessment Reference Guide for Materiality Weightings.

If an issue is 'relevant' then the issue counts towards the score with 'standard' variable weighting. If an issue is 'highly relevant' then the issue counts towards the score with higher than 'standard' variable weighting.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3

Other: 'Other' answer must be accepted during validation to achieve a score.

### R03 Did the entity perform governance risk assessment(s) within the last three years?

R03

1/5 ☐ Yes

Select all material board-level issues for which risk is assessed

- 2/5
- M ☐ Audit committee structure/independence
  - M ☐ Board composition
  - M ☐ Compensation committee structure/independence
  - M ☐ Executive compensation
  - M ☐ Independence of Board chair
  - M ☐ Lobbying activities
  - M ☐ Other issues: \_\_\_\_\_

Select all material operational issues for which risk is assessed

- 2/5
- M ☐ Bribery and corruption
  - M ☐ Data protection and privacy
  - M ☐ Fraud
  - M ☐ Fiduciary duty
  - M ☐ Political contributions
  - M ☐ Whistleblower protection
  - M ☐ Other issues: \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

- x 1 ☐ Yes
- UPLOAD** or URL \_\_\_\_\_
- Indicate where in the evidence the relevant information can be found \_\_\_\_\_
- 3/10 ☐ No
- ☐ No

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

3.7 points , MP, G

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

In 2018, the materiality weightings of the above governance issues was not impacted by the entity's primary sector. This is due to all governance issues being deemed as 'Relevant' for all sectors. However, materiality of governance issues may be applied in the future.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score

Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3

Other: 'Other' answer must be accepted during validation to achieve a score.

#### R04 Has a formal impact assessment been performed for this entity?

PD5

$\frac{1}{5}$  ☐ Yes

Types of formal assessments performed

$\frac{1}{5}$  ☐ Environmental impact statement/report/assessment

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

$\frac{1}{5}$  ☐ Health Impact Assessment

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

$\frac{1}{5}$  ☐ Social Impact Assessment

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

$\frac{1}{5}$  ☐ Community needs assessment

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

$\frac{1}{5}$  ☐ Human rights assessment

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

$\frac{1}{5}$  ☐ Other assessment: \_\_\_\_\_

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

Can the entity provide evidence as an UPLOAD or URL?

☐ Yes

**UPLOAD** or URL \_\_\_\_\_

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

☐ No

☐ No

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

2 points , MP, G

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3

Other: 'Other' answer must be accepted during validation to achieve a score.



## R05 Can the entity provide specific examples of actions taken to mitigate ESG related risks or improve ESG performance?

IM1

$\frac{1}{5}$  ☐ 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.

$\frac{4}{5}$   $\frac{1}{3}$  [ESGTable:1a]  
 $\frac{1}{3}$  [ESGTable:1b]  
 $\frac{1}{3}$  [ESGTable:1c]

Can the entity provide evidence as an UPLOAD or URL?

$\times$   $\frac{3}{10}$  ☐ Yes  
**UPLOAD** or URL \_\_\_\_\_  
 1 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)

### 9.1 points , IM, G

This indicator is scored as a Three Section Indicator. Section 2 contains 3 structurally identical sub-sections (environmental, social and governance tables). Each of the sub-sections contain a table and is scored using a diminishing increase in scoring approach, with at least 4 rows of data required to achieve the maximum score (per sub-section). Each row results in a different score depending on the coverage percentage reported for 'fraction of entity covered'. The scores resulting from the different coverage percentages are listed in the table below:

Coverage percentage Points

(Unknown)	0.50
(0%, 25%)	0.50
(25%, 50%)	0.66
(50%, 75%)	0.83
(75%, 100%)	1.00

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status Score

Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3

Each row or example of tangible action provided must be accepted during validation to achieve a score. Examples of stakeholder engagement actions should not be provided in this indicator, but should be addressed in SE 2, otherwise this will be considered a duplicate in Validation and receive no points.





# Monitoring & EMS

This Aspect focuses on the entity's ESG monitoring practices.

There are 4 indicators in the Aspect and all are scored. The maximum number of points is 10.2 and this corresponds to 10.2% of the GRESB Score.

## ME1 Did the entity maintain or achieve alignment with, or accreditation to, an ESG-related management standard?

ME1 & CA1

2/10 ☐ Yes

List the accreditations maintained or achieved (select all that apply):

- 1/4 ☐ ISO 55000
- 1/4 ☐ ISO 14001
- 5/10 1/4 ☐ ISO 9001
- 1/4 ☐ OHSAS 18001
- 1/4 ☐ Other standard: \_\_\_\_\_

List the management standards aligned with (select all that apply):

- 1/3 ☐ ISO 26000
- 1/3 ☐ ISO 20400
- 3/10 1/3 ☐ ISO 50001
- 1/3 ☐ 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)

\_\_\_\_\_

### 5.1 points , MP, G

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.5
Not accepted/not provided	0

Other: 'Other' answer must be accepted during validation to achieve a score.

1/5 ☐ Yes

Select all material issues for which performance is monitored

- 3/5
- M

☐

Air pollutants
- M

☐

Biodiversity and habitat protection
- M

☐

Contamination
- M

☐

Energy
- M

☐

Greenhouse gas emissions
- M

☐

Light pollution
- M

☐

Materials Sourcing & Resource efficiency
- M

☐

Noise
- M

☐

Resilience to catastrophe/disaster
- M

☐

Resilience (adaptation) to climate change
- M

☐

Waste
- M

☐

Water pollution
- M

☐

Water use
- M

☐

Other: \_\_\_\_\_

1/5 For each of the selected issues explain which indicators are monitored (maximum 250 words)

Can the entity provide evidence as an UPLOAD or URL?

- 1
- x

3/10

☐

Yes

☒

UPLOAD or URL\_\_\_\_\_

☐

No

☐

No
- Indicate where in the evidence the relevant information can be found\_\_\_\_\_
- Provide additional context for the answer provided (not validated, for reporting purposes only)
- 1.7 points , IM, E
- Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.
- Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.
- | Validation status | Score |
|-------------------|-------|
| Accepted          | 1     |
|                   |       |

Partially accepted	0.65
Not accepted/not provided	0.3

Materiality scoring: The scoring of this indicator links to the Materiality for the entity's primary sector, as reported in RC 4. Refer Appendix 7 of GRESB Infrastructure Asset Assessment Reference Guide for Materiality Weightings.

If the sector materiality assessment has determined that an issue is 'not relevant' then the issue is not considered at all in scoring (e.g. there is no impact on score whether or not the issue is addressed in policies). If an issue is 'relevant' then the issue counts towards the score with 'standard' variable weighting. If an issue is 'highly relevant' then the issue counts towards the score with higher than 'standard' variable weighting.

Other: 'Other' answer must be accepted during validation to achieve a score.

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status    Score

Full points	1
Partial points	0.5
No point	0

### ME3 Does the entity monitor social performance?

ME2

1/5 ☐ Yes

Select all material issues for which performance is monitored

- 3/5
- ☐ 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: \_\_\_\_\_

1/5 For each of the selected issues explain which indicators are monitored (maximum 250 words)

Can the entity provide evidence as an UPLOAD or URL?

- x 1 ☐ Yes
- UPLOAD** or URL \_\_\_\_\_
- 3/10 ☐ No
- ☐ No

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

1.7 points , IM, S

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status                      Score

Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3

Materiality scoring: The scoring of this indicator links to the Materiality for the entity's primary sector, as reported in RC 4. Refer Appendix 7 of GRESB Infrastructure Asset Assessment Reference Guide for Materiality Weightings.

If an issue is 'relevant' then the issue counts towards the score with 'standard' variable weighting. If an issue is 'highly relevant' then the issue counts towards the score with higher than 'standard' variable weighting.

Other: 'Other' answer must be accepted during validation to achieve a score.

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status    Score

Full points	1
Partial points	0.5
No point	0

## ME4 Does the entity monitor governance performance?

ME2

2/10 ☐ Yes

Select all material board-level issues for which performance is monitored

- 3/10
- ☐ M Audit committee structure/independence
  - ☐ M Board composition
  - ☐ M Compensation committee structure/independence
  - ☐ M Executive compensation
  - ☐ M Independence of Board chair
  - ☐ M Lobbying activities
  - ☐ M Other issues: \_\_\_\_\_

Select all material operational issues for which performance is monitored

- 3/10
- ☐ M Bribery and corruption
  - ☐ M Data protection and privacy
  - ☐ M Fraud
  - ☐ M Fiduciary duty
  - ☐ M Political contributions
  - ☐ M Whistleblower protection
  - ☐ M Other issues: \_\_\_\_\_

2/10 For each of the selected issues explain which indicators are monitored (maximum 250 words)

\_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

- x 1
- 3/10 ☐ 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)

\_\_\_\_\_

1.7 points , IM, G

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score

Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3

In 2018, the materiality weightings of the above governance issues was not impacted by the entity's primary sector. This is due to all governance issues being deemed as 'Relevant' for all sectors. However, materiality of governance issues may be applied in the future.

Other: 'Other' answer must be accepted during validation to achieve a score.

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status    Score

Full points	1
Partial points	0.5
No point	0



# Stakeholder Engagement

---

This Aspect focuses on engagement activities across a wide range of stakeholders. The Aspect assesses the entity's stakeholder engagement program, including actions taken to engage with those stakeholders and to characterize the nature of engagement.

There are 6 indicators in the Aspect and all are scored, except for SE4. The maximum number of points is 10.4 and this corresponds to 10.4% of the GRESB Score.



## SE1 Does the entity have a stakeholder engagement program?

SE1

1/5 ☐ Yes

Select elements of the stakeholder engagement program

- 1/4 ☐ Planning and preparation for engagement
- 1/4 ☐ Implementation of engagement plan
- 2/5 1/4 ☐ Program review and evaluation
- 1/4 ☐ Training
- 1/4 ☐ Other: \_\_\_\_\_

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

☐ Yes

1/5

☐ No

Which stakeholders does the stakeholder engagement program apply to?

- 1/8 ☐ Clients/Customers
- 1/8 ☐ Community/Public
- 1/8 ☐ Contractors
- 1/8 ☐ Employees
- 1/8 ☐ Investors
- 1/5 1/8 ☐ Regulators / Government
- 1/8 ☐ Special interest groups (NGO's, Trade Unions, etc)
- 1/8 ☐ Suppliers
- 1/8 ☐ Supply chain (beyond Tier 1 suppliers and contractors)
- 1/8 ☐ Other: \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

☐ Yes

**UPLOAD** or URL \_\_\_\_\_

x 1 Indicate where in the evidence the relevant information can be found \_\_\_\_\_

3/10 ☐ No

☐ No

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

2.6 points , MP, G

Alignment: the alignment standard and the corresponding evidence must be accepted during the validation process to receive a score.

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3

Other: 'Other' answer must be accepted during validation to achieve a score.

## SE2 Can specific examples of actions taken to implement the stakeholder engagement program be provided?

SE3

1/5 ☐ Yes

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

4/5

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

Can the entity provide evidence as an UPLOAD or URL?

☐ Yes

**UPLOAD** or URL \_\_\_\_\_

1 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)

2.6 points , IM, G

This indicator is scored as a Three Section Indicator. Section 2 is for reporting examples of actions and contains a table. The score of the section is calculated using Diminishing Increase in Scoring based on the number of rows of data reported with 4 rows of data being required to achieve the maximum score. Each row or action provided must be accepted during validation to achieve a score.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3

SE1 focusses on whether a Stakeholder Engagement Programme is in place and SE2 focusses on actions taken to implement that Stakeholder Engagement Programme. As these indicators are linked, an Integrity Cross Check is applied within scoring. Therefore, a participant cannot receive points for SE2, unless they receive points for SE1.

### SE3 Is there a formal process for stakeholders to communicate grievances that applies to this entity?

SE2

1/5 ☐ Yes

Select all characteristics applicable to the process:

- 1/9 ☐ Dialogue based
- 1/9 ☐ Legitimate & safe
- 1/9 ☐ Accessible
- 1/9 ☐ Improvement based
- 1/9 ☐ Predictable
- 2/5 1/9 ☐ Equitable & rights compatible
- 1/9 ☐ Transparent
- 1/9 ☐ Anonymous
- 1/9 ☐ Prohibitive against retaliation
- 1/9 ☐ Other: \_\_\_\_\_

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

- 1/8 ☐ Clients/Customers
- 1/8 ☐ Community/Public
- 1/8 ☐ Contractors
- 1/8 ☐ Employees
- 1/8 ☐ Investors
- 2/5 1/8 ☐ Regulators / Government
- 1/8 ☐ Special interest groups (NGO's, Trade Unions, etc)
- 1/8 ☐ Suppliers
- 1/8 ☐ Supply chain (beyond Tier 1 suppliers and contractors)
- 1/8 ☐ Other: \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

- ☐ Yes
- 1 ☐ **UPLOAD** or URL \_\_\_\_\_
- Indicate where in the evidence the relevant information can be found \_\_\_\_\_
- 3/10 ☐ No
- ☐ No

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

2.6 points , MP, G

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3

Other: 'Other' answer must be accepted during validation to achieve a score.

SE4

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

SE2

☒ 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)

\_\_\_\_\_

Not scored

This indicator is not scored in 2018.

SE5 Does the entity include ESG specific requirements in procurement processes to drive sustainable procurement?

NEW

1/5 ☐ Yes

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

- 1/7 ☐ Business ethics
- 1/7 ☐ Environmental process standards
- 1/7 ☐ Environmental product standards
- 1/7 ☐ Human rights
- 2/5 1/7 ☐ Human health-based product standards
- 1/7 ☐ Occupational health and safety
- 1/7 ☐ ESG-specific requirements for sub-contractors
- 1/7 ☐ Other: \_\_\_\_\_

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

- 1/4 ☐ Contractors
- 1/4 ☐ Operators
- 2/5 1/4 ☐ Suppliers
- 1/4 ☐ Supply chain (beyond tier 1 suppliers and contractors)
- 1/4 ☐ Other: \_\_\_\_\_

Can the entity provide evidence as an UPLOAD or URL?

- ☐ Yes
- UPLOAD** or URL \_\_\_\_\_
- x 1 Indicate where in the evidence the relevant information can be found \_\_\_\_\_
- 3/10 ☐ No
- ☐ No

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

\_\_\_\_\_

1.3 points , MP, G

Diminishing Increase in Score approach: As indicated by the blue line, the subsection is scored based on a Diminishing Increase in Score approach, per additional checkbox selected.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.65
Not accepted/not provided	0.3

Other: 'Other' answer must be accepted during validation to achieve a score.

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

**NEW**

$\frac{1}{5}$  ☐ Yes

$\frac{4}{5}$  Describe the process (maximum 250 words): \_\_\_\_\_

☐ No

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

\_\_\_\_\_

**1.3 points , IM, G**

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status    Score

Full points	1
Partial points	0.5
No point	0



# Performance Indicators

The intent of this Aspect is to assess the entity's ESG performance in relation to data capture and reporting for a set of standard infrastructure performance metrics.

## Aspect score

Overall, this Aspect corresponds to 30.2% of the GRESB Score. There are 8 indicators within the Performance Indicator section and all are scored, except PI1 (for reporting purposes only). PI 2-8 are all scored in different ways.

PI 2-8 are all scored indicators and by default, have a default equal indicator value (maximum score). However, the weighting of each indicator varies through the influence of Materiality Based Scoring (see below) based on the entity's primary sector.

## Materiality Based Scoring

The weighting for each Performance Indicator is influenced by the sector specific materiality assessment in MA2 (i.e. is driven by the primary sector for your entity). Where this issue/indicator is deemed 'Not relevant' for a sector, then the indicator will not be scored. Where an issue/indicator is deemed 'Relevant', then the indicator will receive standard weighting. Where the issue/indicator is deemed 'Highly relevant' then the indicator will be weighted double the standard weighting. The overall weighting for the Performance Indicator aspect is 30.2%. This weighting is spread across the 'Relevant' and 'Highly relevant' Performance Indicators in proportion to their materiality.

## Indicator score

Each indicator consists of two sections; section 1 containing a table for inputting performance metrics and section 2 containing an open text box response. For all indicators, the tables (& 'Yes' response) have a total weighting of 90% and the open text box has 10%.

For the first section of PI 3-8, the indicator/figures reported in each row is validated and if it is not accepted the corresponding row score is set to 0. Finally, the score for the table is calculated by taking the sum of all the row scores, which are numbers between 0 and 1, with an upper limit of 1 so that if the sum is greater than 1 the score for the table will be set to 1. Responses to zero (0) inputs will be assessed in validation alongside allowances specified in the GRESB Infrastructure Asset Reference Guide.

Inputs are scored based on transparency and being able to track/report, and not based on performance levels.

Each row in the indicator tables is split into the below three sections. The impact and weightings of these sections vary per indicator.

- 2017 performance: Assessing whether the participant is reporting on current year data.
- Baseline data: Assessing whether the participant has established a baseline(s) for comparison and to improve performance. It is not an expectation to have baseline data for all metrics.
- Target data: Assessing whether the participant has established a long-term target(s) or target(s) for current year.

Further details on scoring are explained for each indicator in the sections below.

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status	Score
Full points	2/2
Partial points	1/2



No point	0
----------	---

## Output

2017 Indicator

### 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.

Metrics	Units	Baseline_____	Performance	Targets	
			2017	2017	Long-term target end year_____
From RC4					
+ 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)

Not scored

PI1

This indicator is not scored in 2018.



8/40 ☐ Yes

14/40

Employees			Performance	Targets	
Metrics	Units	Baseline _____	2017	2017	Long-term target end year _____
Fatalities	Number				
Reportable Injuries	Number				
Lost Time Injury Frequency Rate	Number/million hours worked				
Total Recordable Injury Frequency Rate	Number/million hours worked				
Other _____	Number				

7/40

Contractors			Performance	Targets	
Metrics	Units	Baseline _____	2017	2017	Long-term target end year _____
Fatalities	Number				
Reportable Injuries	Number				
Lost Time Injury Frequency Rate	Number/million hours worked				
Total Recordable Injury Frequency Rate	Number/million hours worked				
Other _____	Number				

7/40

Customers & Community			Performance	Targets	
Metrics	Units	Baseline _____	2017	2017	Long-term target end year _____
Fatalities	Number				
Reportable Injuries	Number				
Other _____	Number				

4/40

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)

### Determined by materiality , IM, S

This indicator consists of 3 tables, which all receive a score between 0 to 1. The table section is comprised 50% by the score of Employees table, 25% by the score of Contractors table and 25% by the score for Customers & Community table.

Row scores:

- Table 1 – Employees: Row score =  $0.1 \times \text{Baseline score} + 0.15 \times \text{Performance score} + 0.3 \times \text{Target score}$
- Table 2 – Contractors: Row score =  $0.1 \times \text{Baseline score} + 0.15 \times \text{Performance score} + 0.3 \times \text{Target score}$
- Table 3 – Customers & Community: Row score =  $0.1 \times \text{Baseline score} + 0.3 \times \text{Performance score} + 0.3 \times \text{Target score}$

Note: The maximum Baseline Score is 0.1, therefore the participant is only required to enter baseline data for one metric to receive maximum baseline points. The maximum Target Score is 0.3, therefore the participant is only required to enter target data (either Long Term or 2017) for one metric. The maximum Performance Score (2017) is 0.6.

Logic behind weightings for Employees and Contractors tables:

- Scoring of the tables is considered overall (i.e. not on isolated row basis).

- 60% of table score should be obtained if performance data (2017) is provided for 4x of the defined metrics.
- 10% score can be obtained for reporting baseline data.
- 30% score can be obtained for reporting target data.
- As there is a cap on baseline and target scores, then performance data (2017) for all 4 metrics is required to achieve maximum points for these tables.

Example scoring combination (Employees and Contractors table):

- One complete row: 0.55 points.
- Performance data only for all 4 metrics: 0.6 points.
- Performance data only for 2 metrics: 0.3 points.
- Performance data for only 2 metrics plus baseline data for 1 (or more) metrics: 0.4 points.

Logic behind weightings for Customers and Community tables:

- Scoring of the tables is considered overall (i.e. not on isolated row basis).
- 60% of table score should be obtained if performance data (2017) is provided for 2x of the defined metrics.
- 10% score can be obtained for reporting baseline data.
- 30% score can be obtained for reporting target data.
- As there is a cap on baseline and target scores, then performance data (2017) for all 2 metrics is required to achieve maximum points for these tables.

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status    Score

Full points	1
Partial points	0.5
No point	0

# Energy & Emissions

2017 Indicator

## P13 Can the entity report on energy performance?

2/10 ☐ Yes

7/10

Energy performance			Performance	Targets	
Metrics	Units	Baseline_____	2017	2017	Long-term target end year_____
Energy imported (Total)	MWh				
Energy imported (renewable)	MWh				
Energy generated (Total)	MWh				
Energy generated (renewable)	MWh				
Energy consumed (Total)	MWh				
Energy exported (Total)	MWh				
Energy exported (renewable)	MWh				

1/10

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)

P13

### Determined by materiality , IM, E

This indicator consists of 1 table which receives a score between 0 to 1. The table considers 4 key areas: a. Energy Imported, b. Energy Generated, c. Energy Consumed and d. Energy Exported. For all key metrics (except energy consumed) there are two rows each, being Total and Renewable, and the maximum score can be achieved by reporting on either of these two rows.

Row score =  $0.1 \times \text{Baseline score} + 0.15 \times \text{Performance score} + 0.3 \times \text{Target score}$

Note: The maximum Baseline Score is 0.1, therefore the participant is only required to enter baseline data for one metric to receive maximum points. The maximum Target Score is 0.3, therefore the participant is only required to enter target data (either long-term or 2017) for one metric. This applies to any target row reported on. The maximum Performance Score is 0.6.

The table contains 7 rows. Energy Imported, Energy Generated and Energy Exported contain two rows each, including a 'Total' and 'Renewable' row. Energy consumed only contains one 'Total' row. In 2018, only the 'Total' rows are to be scored, not 'renewable' rows.

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status    Score

Full points	1
Partial points	0.5
No point	0

2/10 ☐ Yes

7/10

GHG emissions			Performance	Targets	
Metrics	Units	Baseline_____	2017	2017	Long-term target end year_____
Scope 1	tCO2e				
Scope 2	tCO2e				
Scope 3 (optional)	tCO2e				
Total GHG emissions (Scope 1+2+3)	tCO2e				
Emissions avoided (renewable energy export)	tCO2e				
On-site offsets	tCO2e				
Offsets purchased	tCO2e				
Net GHG emissions	tCO2e				

1/10

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)

Determined by materiality , IM, E

This indicator consists of 1 table which receives a score between 0 to 1. Each metric has a different weighting, that differs across 2 different scoring profiles (relating to sectors). The scoring profiles are 1. Renewable energy assets and 2. All other sectors (excluding renewable energy assets). The scoring profile that applies for 'Renewable Energy Assets' is determined by the participants response to RC4 (i.e. if a participants Primary Sector is 'Renewable generation, utility scale' and/or 'Renewable generation, distributed').

Scoring profile 1: Renewable energy assets

Metric	Performance (60% score)	Baseline (10% score)	Targets (30% score)
Scope 1	0.04 points	0.10* points	0.30* points
Scope 2	0.04 points	0.10* points	0.30* points
Scope 3	0.04 points	0.00* points	0.00* points
Total GHG emissions	0.00 points	0.10* points	0.30* points
Emissions avoided	0.44 points	0.10* points	0.30* points
On-site offsets	0.00 points	0.00* points	0.00* points
Offsets purchased	0.00 points	0.00* points	0.00* points
Net GHG	0.04 points	0.10* points	0.30* points
Total	0.60 points	0.10* points	0.30* points

\* The maximum Baseline Score is 0.10 and maximum Target Score is 0.3, therefore the participant is only required to enter target data (either Long-term or 2017) for one metric respectively. However, this one metric can only be selected from one of a. Scope 1 emissions, b. Scope 2 emissions, c. Total GHG emissions, d. Emissions avoided or e. Net GHG emissions. I.e. if they report baseline or target for any other metrics (i.e. Scope 3) then they receive no points. The maximum Performance Score is 0.6.

Scoring profile 2: All Other Sectors (excluding renewable energy assets)

Metric	Performance (60% score)	Baseline (10% score)	Targets (30% score)
Scope 1	0.19 points	0.10* points	0.30* points
Scope 2	0.19 points	0.10* points	0.30* points
Scope 3	0.10 points	0.00* points	0.00* points
Total GHG emissions	0.00 points	0.10* points	0.30* points
Emissions avoided	0.00 points	0.00* points	0.00* points
On-site offsets	0.04 points	0.00* points	0.00* points
Offsets purchased	0.04 points	0.00* points	0.00* points
Net GHG	0.04 points	0.10* points	0.30* points
Total	0.60 points	0.10* points	0.30* points

\* The maximum Baseline Score is 0.1 and Target Score is 0.3, therefore you are only required to enter baseline and/or data for one metric to receive maximum points respectively. However, this one metric can only be selected from one of a. Scope 1 emissions, or b. Scope 2 emissions, or c. Net GHG emissions, or d. Total GHG emissions. I.e. if they report baseline or target for any other metrics then they receive no points. The maximum Performance Score is 0.6.

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status    Score

Full points	1
Partial points	0.5
No point	0

2/10 ☐ Yes

7/10

Emissions generated			Performance	Targets	
Metrics	Units	Baseline _____	2017	2017	Long-term target end year _____
SOx	kg				
NOx	kg				
PM2.5	kg				
PM10	kg				
Ozone	kg				
Other _____					
Other _____					
Other _____					

1/10

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)

### Determined by materiality , IM, E

This indicator consists of 1 table, which is scored as a standard performance indicator table. Row score = 0.2 × Baseline score + 0.5 × Performance score + 0.3 × Target score

Note: Unlike the other PI indicators, there is no 'maximum cap' on baseline and/or target score. Target data may be for either Long Term or 2017.

Other: 'Other' answer must be accepted during validation to achieve a score.

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status    Score

Full points	1
Partial points	0.5
No point	0





8/40 ☒ Yes

7/40

Withdrawals			Performance	Targets	
Metrics	Units	Baseline _____	2017	2017	Long-term target end year _____
Potable water supply	ML				
Surface water/river	ML				
Seawater	ML				
Groundwater	ML				
Rainwater	ML				
Recycled water (from external suppliers)	ML				
Other _____	ML				

14/40

Consumption			Performance	Targets	
Metrics	Units	Baseline _____	2017	2017	Long-term target end year _____
Consumption	ML				
Evaporation and losses	ML				
Other _____	ML				

7/40

Discharged			Performance	Targets	
Metrics	Units	Baseline _____	2017	2017	Long-term target end year _____
Municipal Treatment Plant	ML				
Surface water/river	ML				
Seawater	ML				
Groundwater	ML				
Recycled water (produced on-site)	ML				
Other _____	ML				

4/40

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)

### Determined by materiality , IM, E

This indicator consists of 3 tables, all of which are scored as performance indicator tables. The table section is comprised 50% by the score of the Consumption table, 25% by the score of Withdrawals table and 25% by the score of the Discharged table.

Row scores:

- Consumption table: Row score =  $0.2 \times \text{Baseline score} + 0.5 \times \text{Performance score} + 0.3 \times \text{Target score}^*$ 
  - \* Baseline & Target scores can only be obtained from Consumption Row and not Evaporation and losses row or Other row (i.e. these rows can only get 0.5 points for performance).
- Withdrawals table: Row score =  $0.2 \times \text{Baseline score} + 0.5 \times \text{Performance score} + 0.3 \times \text{Target score}$
- Discharged table: Row score =  $0.2 \times \text{Baseline score} + 0.5 \times \text{Performance score} + 0.3 \times \text{Target score}$ 
  - \*\* Note: For Withdrawals and Discharged tables, there is no 'maximum cap' on baseline and/or target score.

Other: 'Other' answer must be accepted during validation to achieve a score.

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status	Score
Full points	1
Partial points	0.5
No point	0

PI7 Can the entity report on waste generation and disposal?

PI7

4/20

☒ Yes

7/20

Waste generation			Performance	Targets	
Metrics	Units	Baseline_____	2017	2017	Long-term target end year_____
Hazardous	Tonnes				
Non-hazardous	Tonnes				
Other _____	Tonnes				

7/20

Waste disposal			Performance	Targets	
Metrics	Units	Baseline_____	2017	2017	Long-term target end year_____
Re-use	Tonnes				
Recycling	Tonnes				
Waste to energy	Tonnes				
Incineration	Tonnes				
Landfill	Tonnes				
Other _____	Tonnes				

2/20

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)

Determined by materiality , IM, E

This indicator consists of 2 tables, all of which are scored as performance indicator tables. The score for the indicator is the average of the 2 table scores.

For both tables: Row score = 0.2 × Baseline score + 0.5 × Performance score + 0.3 × Target score

Note: For both tables, there is no ‘maximum cap’ on baseline and/or target score.

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status	Score
Full points	1
Partial points	0.5
No point	0

## P18 Can the entity report on biodiversity and habitat?

4/20 ☐ Yes

7/20

Wildlife			Performance	Targets	
Metrics	Units	Baseline_____	2017	2017	Long-term target end year_____
Wildlife fatalities	Number				
T&E species fatalities	Number				
Other _____	Number				

7/20

Habitat management			Performance	Targets	
Metrics	Units	Baseline_____	2017	2017	Long-term target end year_____
Habitat removed	Ha				
Habitat enhanced or restored	Ha				
Habitat protected [on-site]	Ha				
Habitat protected [off-site]	Ha				
Other _____	Ha				

2/20

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)

P18

### Determined by materiality , IM, E

This indicator consists of 2 tables, all of which are scored as performance indicator tables. Each table is worth equal points.

Wildlife table: Row score =  $0.2 \times \text{Baseline score} + 0.5 \times \text{Performance score} + 0.3 \times \text{Target score}$

Note: For the Wildlife table, there is no 'maximum cap' on baseline and/or target score.

Habitat Management table: Row score =  $0.1 \times \text{Baseline score} + 0.15 \times \text{Performance score} + 0.3 \times \text{Target score}$ .

Note: For the Habitat Management table, the maximum Baseline Score is 0.1, therefore the participant is only required to enter baseline data for one metric to receive maximum points. The maximum Target Score is 0.3, therefore the participant is only required to enter target data (either LT or 2017) for one metric. The maximum Performance Score is 0.6.

Text Box: The text box is validated, and its validation status is determined based on the requirements of the indicators. Various validation status lead to different scores according to the table below:

Validation status    Score

Full points	1
Partial points	0.5
No point	0



# Certifications & Awards

This Aspect focuses on the entity's achievement and/or maintenance of ESG related certifications.

There are 2 indicators in the Aspect and only CA1 is scored. The maximum number of points is 2.5 and this corresponds to 2.5% of the GRESB Score.

## Certifications

2017 Indicator

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

1/5 ☐ Yes

List certifications achieved

4/5

Project name	Date of award	Scheme name/Sub-scheme name/Level	Phase
		Scheme / sub-scheme	Phase
+ Add a project			

**UPLOAD** or URL \_\_\_\_\_

x 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)

CA2

### 2.5 points , IM, G

This indicator is scored as a Three Section Indicator. Section 2 is for reporting asset-level certifications and contains a table. If any certifications are reported in the table the maximum score is achieved, otherwise the score is 0.

Evidence: The evidence is manually validated and assigned a multiplier, according to the table below. The evidence must support the validation requirements. If any requirements are not met, the evidence may be partially accepted or not accepted depending on the level of alignment with the requirements.

Validation status	Score
Accepted	1
Partially accepted	0.5
Not accepted/not provided	0

## Awards

2017 Indicator

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

☐ Yes

Information about third-party awards

Award name	Organization issuing award	Date of award	Basis for award
+ Add a project			

Can the entity provide evidence as an UPLOAD or URL?

☐ Yes

**UPLOAD** or URL \_\_\_\_\_

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

☐ No

☐ No

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

\_\_\_\_\_

**Not scored**

CA3

This indicator is not scored in 2018.

# GRESB Infrastructure Asset Assessment - Materiality Assessment

---

## Materiality

# Environmental Issues

		Air pollutants	Biodiversity & Habitat	Contamina- tion	Energy	Greenhouse Gas Emissions	Light pollution	Materials Sourcing & Resource efficiency	Noise	Resilience to catastrophe / disaster	Resilience (adaptation) to climate change	Water pollution	Water Use	Waste
Diversified/Other		Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant
Energy transmission, distribution & storage		Relevant	Relevant	Relevant	Relevant	Relevant	Not relevant	Relevant	Not relevant	Relevant	Relevant	Not relevant	Not relevant	Relevant
Fossil fuel generation		Highly relevant	Relevant	Relevant	Highly relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Solar	Not relevant	Relevant	Relevant	Highly relevant	Relevant	Not relevant	Relevant	Not relevant	Relevant	Relevant	Not relevant	Relevant	Not relevant
Renewable energy, distributed	Wind	Not relevant	Relevant	Relevant	Highly relevant	Relevant	Not relevant	Relevant	Relevant	Relevant	Relevant	Not relevant	Not relevant	Not relevant
	Hydro	Not relevant	Relevant	Relevant	Highly relevant	Relevant	Not relevant	Relevant	Not relevant	Relevant	Relevant	Relevant	Highly relevant	Not relevant
Renewable energy, utility	Biomass	Highly relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Waste to energy	Highly relevant	Relevant	Relevant	Highly relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Geothermal	Not relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Not relevant
	Solar	Not relevant	Relevant	Relevant	Highly relevant	Relevant	Not relevant	Relevant	Not relevant	Relevant	Relevant	Not relevant	Relevant	Not relevant
	Wind	Not relevant	Relevant	Relevant	Highly relevant	Relevant	Not relevant	Relevant	Relevant	Relevant	Relevant	Not relevant	Not relevant	Not relevant
	Hydro	Not relevant	Relevant	Relevant	Highly relevant	Relevant	Not relevant	Relevant	Not relevant	Relevant	Relevant	Relevant	Highly relevant	Not relevant
Combined Heat & Power		Highly relevant	Relevant	Relevant	Highly relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant
Social		Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant
Telecommunications		Relevant	Relevant	Relevant	Relevant	Relevant	Not relevant	Relevant	Not relevant	Relevant	Relevant	Not relevant	Relevant	Relevant
Transportation	Airports	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Railroad	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Not relevant	Relevant	Relevant
	Rolling Stock	Relevant	Relevant	Relevant	Relevant	Relevant	Not relevant	Relevant	Relevant	Relevant	Relevant	Not relevant	Relevant	Relevant
	Ports	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Toll road operations	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
Waste Treatment and Disposal		Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant
Water resource management		Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Highly relevant	Relevant



# Social Issues

Social Issues													
	Community develop-ment			Employee engage-ment		Freedom of association	Gender and diversity	Health and safety: employees	Health and safety: customers	Health and safety: supply chain	Labor standards and working conditions	Social enterprise partnering	Stakeholder relations
	Child labour	Customer satisfaction	Discrimina-tion										
Diversified/Other	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
Energy transmission, distribution & storage	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
Fossil fuel generation	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
Renewable energy, distributed	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
Renewable energy, utility	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
Combined Heat & Power	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant	
Social	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant	
Telecommunications	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant	
Transportation	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant
Waste Treatment and Disposal	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant	
Water resource management	Relevant	Relevant	Relevant	Relevant	Relevant	Relevant	Highly relevant	Relevant	Relevant	Relevant	Relevant	Relevant	

## Governance Issues

[illegible]