



GRESB Infrastructure Asset Assessment - 2020 Indicator Changes

Entity & Reporting Characteristics			
Aspect	Indicator 2020	Indicator 2019	Change
Entity Characteristics	EC1 - Reporting entity	EC1 - Reporting entity	No change.
	EC2 - Nature of ownership	EC2 - Nature of business	Ticker and exchange information were removed. Scope of service has been moved to RC5.
	EC3 - Entity commencement date	EC5 - Age of asset	Name of indicator has changed.
	EC4 - Reporting year	EC3 - Reporting period	Name of indicator has changed.
Reporting Characteristics	RC1 - Reporting currency	RC1 - Reporting currency	New currencies have been added.
	RC2 - Economic size	RC2 - Economic size	Economic size has been standardized to the mandatory metrics of Gross Asset Value (GAV) and Revenue so there is no need for an 'Other' answer. Number of FTE employees and contractors have been added as new size metrics relevant to materiality, peer grouping and insights.
	RC3 - Sector & geography	RC3 - Facility details (sector and location)	Added lifecycle stage of facility i.e. whether in Operation or in Development. Embedded google maps software in the address bar for facility locations.
	RC4 - Ancillary activities	New	New indicator.
	RC5 - Nature of entity's business	EC2 - Nature of business	Question moved to Reporting characteristics.
	RC6 - Description of the asset	RC4 - Description of the asset	Entities can now upload a logo image.
	RC7 - GRESB materiality assessment	MA2 - GRESB Materiality assessment	New factors and ESG issues have been added ('Hazardous substances', 'Local employment', 'Conflicts of interest', 'Delegating authority', 'Shareholder rights' and 'Board ESG oversight'). 'Fiduciary duty' has been removed from the ESG issues. Some ESG issues have been renamed. New sectors have been added. The weighting of some issues has changed.

Management Component			
Aspect	Indicator 2020	Indicator 2019	Change
Leadership	LE1 - Entity materiality assessment	MA1 - Has the entity undertaken an ESG materiality assessment in the last three years?	Evidence requirement has been removed.
	LE2 - ESG leadership commitments	New	New
	LE3 - ESG objectives	MA3 - Does the entity have specific ESG objectives?	No change
	LE4 - Individual responsible for ESG	MA4 - Does the entity have one or more persons responsible for implementing ESG objectives?	Some options removed, new option to add details of investment partners added.
	LE5 - ESG senior decision maker	MA5 - Does the entity have a senior decision-maker accountable for ESG issues?	Optional details removed. New options added on the senior decision maker's team.
	LE6 - Personnel ESG performance targets	MA6 - Does the entity include ESG factors in the annual performance targets of personnel?	Structure of indicator was changed and more employee groups were added as checklist options.
Policies	PO1 - Policies on environmental issues	PD1 - Does this entity have a policy or policies on environmental issues?	'Hazardous substances' was added as an environmental issue. The section on which stakeholder(s) the policy applies to has been removed.
	PO2 - Policies on social issues	PD2 - Does this entity have a policy or policies on social issues?	'Local employment' was added as a social issue. The section on which stakeholder(s) the policy applies to has been removed.
	PO3 - Policies on governance issues	PD3 - Does this entity have a policy or policies on governance issues?	'Conflicts of interest', 'Delegating authority', 'Shareholder rights' and 'Board ESG oversight' were added as governance issues. 'Fiduciary duty' was removed. The section on which stakeholder(s) the policy applies to has been removed.
Reporting	RP1 - ESG reporting	PD4 - Does the entity disclose its ESG actions and/or performance? PD5 - Does this entity have third-party review of its ESG disclosure?	Two indicators have been combined.
	RP2.1 - ESG incident monitoring	PD6 - Does the entity have a process to communicate about ESG-related controversies, misconduct, penalties, incidents or accidents?	No change.

Management Component			
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	RP2.2 - ESG incident occurrences	PD7 - Has the entity been involved in any significant ESG-related controversies, misconduct, penalties, incidents or accidents during the reporting period?	'Specify the total number of currently pending investigations' has been added as a question.
Risk Management	RM1 - Management systems	ME1 - Is the entity's management system accredited to, or aligned with, ESG-related management standards?	ISO and OHSAS standards were added to the list of aligned standards. The option to select a non-aligned or certified ESG management system was added.
	RM2.1 - Environmental risk assessment	RO1 - Did the entity perform environmental risk assessment(s) within the last three years?	'Hazardous substances' was added as an environmental issue.
	RM2.2 - Social risk assessment	RO2 - Did the entity perform social risk assessment(s) within the last three years?	'Local employment' was added to the list of social issues.
	RM2.3 - Governance risk assessment	RO3 - Did the entity perform governance risk assessment(s) within the last three years?	'Conflicts of interest', 'Delegating authority', 'Shareholder rights' and 'Board ESG oversight' were added as governance issues. 'Fiduciary duty' was removed.
	RM3.1 - Monitoring of environmental performance	ME2 - Does the entity monitor environmental performance?	'Hazardous substances' was added as an environmental issue.
	RM3.2 Monitoring of social performance	ME3 - Does the entity monitor social performance?	'Local employment' was added to the list of social issues.
	RM3.3 - Monitoring of governance performance	ME4 - Does the entity monitor governance performance?	'Conflicts of interest', 'Delegating authority', 'Shareholder rights' and 'Board ESG oversight' were added as governance issues. 'Fiduciary duty' was removed.
Stakeholder Engagement	SE1 - Stakeholder engagement program	SE1 - Does the entity have a stakeholder engagement program?	New element options for the stakeholder engagement program were added. Several stakeholder suboptions were removed.
	SE2 - Supply chain engagement program	SE5 - Does the entity include ESG specific requirements in procurement processes to drive sustainable procurement?	A section on 'elements of the supply chain engagement program' was added that replaces the former SE6 indicator.
	SE3.1 Stakeholder grievance process	SE3 - Is there a formal process for stakeholders to communicate grievances that apply to this entity?	Evidence requirement was removed.

Management Component			
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	SE3.2 - Stakeholder grievance monitoring	SE4 - Has the entity received stakeholder grievances during the reporting period? (for reporting purposes only)	No change.

Performance Component			
Aspect	Indicator 2020	Indicator 2019	Change
Implementation	IM1 - Implementation of environmental actions	RO4 - Can the entity provide specific examples of actions taken to mitigate ESG related risks or improve ESG performance?	Indicator RO4 (2019) was moved to the Performance Component and restructured. It has also been split into environmental, social and governance indicators. These indicators are now for reporting purposes only and no longer scored. 'Hazardous substances' was added as an environmental issue.
	IM2 - Implementation of social actions	RO4 - Can the entity provide specific examples of actions taken to mitigate ESG related risks or improve ESG performance?	Indicator RO4 (2019) was moved to the Performance Component and restructured. It has also been split into environmental, social and governance indicators. These indicators are now for reporting purposes only and no longer scored. 'Local employment' was added to the list of social issues.
	IM3 - Implementation of governance actions	RO4 - Can the entity provide specific examples of actions taken to mitigate ESG related risks or improve ESG performance?	Indicator RO4 (2019) was moved to the Performance Component and restructured. It has also been split into environmental, social and governance indicators. These indicators are now for reporting purposes only and no longer scored. 'Conflicts of interest', 'Delegating authority', 'Shareholder rights' and 'Board ESG oversight' were added as governance issues. 'Fiduciary duty' was removed.
Output & Impact	OI1 - Output & impact	PI1 - Can the entity report on measures of input, output and impact?	The metric "Output" is now mandatory. Metrics on GAV, revenue and input have been removed from the Output Table.
Energy	EN1 - Energy	PI3 - Can the entity report on energy performance?	"Electricity" and "Steam, Heating and Cooling" have been split into renewable and non-renewable and "Total Renewable Energy Consumed" and "Total Non-Renewable Energy Consumed" are calculated automatically. New metrics have also been added ("Biofuels", "Waste (non-biomass)", "Renewable Hydrogen", "Non-renewable hydrogen", "Geothermal", "Hydro-electric", "Solar", "Wind", "[enter "other renewable source"]", "Nuclear"). The metric "Other fuels" has been changed to "[enter "other non-renewable fuel"]".

Performance Component			
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Greenhouse Gas Emissions	GH1 - Greenhouse gas emissions	PI4 - Can the entity report on greenhouse gas emissions?	<p>Scope 1 emissions are now broken down into three metrics (“Emissions from combustion of fuels”, “Process emissions”, “Fugitive emissions”).</p> <p>A new table has been added that allows participants to provide a breakdown of scope 3 emissions.</p> <p>A new metric has been added “Net GHG emissions (Scope 1, 2 + 3).</p> <p>New questions have been added on scope 2 emissions calculation methodology and science-based targets.</p>
Air Pollution	AP1 - Air pollution	PI5 - Can the entity report on generated air pollutant emissions?	The metric “Other” has been removed.
Water	WT1- Water inflows / withdrawals	PI6.0 - Can the entity report on water use/withdrawal performance?	<p>New metrics have been added (“Produced water” and “% potable water”).</p> <p>The metric “Other [enter metric]” has been removed.</p> <p>Several other metrics have been renamed (“Potable water supply” to “Third-party potable water”; “Surface water/river” to “Surface water”; “Seawater” to “Seawater/brackish water”; “Recycled water (from external suppliers)” to “Third-party non-potable water”).</p>
	WT2 - Water outflows / discharges	PI6.1 Can the entity report on water discharge/pollution performance?	<p>“Non-compliances” has been added as a new metric.</p> <p>The metric “Other [enter metric]” has been removed.</p> <p>Several other metrics have been renamed (“Municipal treatment plant” to “Third-party treatment”; “Surface water/river” to “Surface water”; “Seawater” to “Seawater/brackish water”; “Recycled water scheme” to “Third-party re-use”).</p>
Waste	WS1 - Waste	PI7 - Can the entity report on waste generation and disposal?	<p>The metrics “Other [enter metric]” have been removed from the tables Generation/Import and Disposal/Export.</p> <p>The metric “Third party processing” was added. The metric “Diverted from landfill/incineration” was renamed.</p>

Performance Component			
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Biodiversity & Habitat	BI1 - Biodiversity & habitat	PI8 - Can the entity report on biodiversity and habitat?	The metric “Other [enter metric]” has been removed. The metric “Net habitat improved” has been renamed to “Net habitat gain”. The calculation for “Net habitat gain” has been changed to “Net habitat gain = “Habitat enhanced or restored” + “Habitat protected (onsite)” + “Habitat protected (offsite)” - “Habitat removed”. “Habitat maintained” is now reported outside the “Net habitat gain” equation.
Health & Safety	HS1 - Health & safety: employees	PI2.0 - Can the entity report on the health and safety performance of their employees?	New metrics “Near miss incidents” and “Hours worked” have been added. “Reportable injuries” has been changed to “Total recordable injuries”. The metric “Other [enter value]” has been removed. The LTIFR and TRIFR are now calculated automatically in a separate table.
	HS2 - Health & safety: contractors	PI2.1 - Can the entity report on the health and safety performance of their contractors?	New metrics “Near miss incidents” and “Hours worked” have been added. “Reportable injuries” has been changed to “Total recordable injuries”. The metric “Other [enter value]” has been removed. The LTIFR and TRIFR are now calculated automatically in a separate table.
	HS3 - Health & safety: users	PI2.2 - Can the entity report on the health and safety performance of their customers?	The name of this indicator has been changed from “Health & Safety: Customers” to “Health & Safety: Users”. The metric “Reportable injuries” has been changed to “Total recordable injuries”. The metric “Other [enter value]” has been removed.
	HS4 - Health & safety: community	PI2.3 - Can the entity report on the health and safety performance of their community?	The metric “Reportable injuries” has been changed to “Total recordable injuries”. The metric “Other [enter value]” has been removed.
Employees	EM1 - Employee engagement	MA7 - Is ESG-related training provided for the entity? PI10.0 - Has the entity undertaken an employee satisfaction survey during the last three years?	Moved from MA7 to Performance Component to be included in the new aspect “Employees” together with the indicator on employee satisfaction. New metrics have been added: “Average amount spent per FTE”, “% of employees who received training”, “% of employees who received ESG training”.
	EM2 - Inclusion & diversity	PI11 - Does the entity report on Gender and Diversity?	Indicator is now covered under the new aspect “Employees”. Indicator has been renamed. Gender ratio is now a scored metric.

Performance Component			
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Customers	CU1 - Customer satisfaction monitoring	PI9.0 - Has the entity undertaken customer satisfaction surveys during the last three years?	This indicator now falls under the aspect "Customers".
Certifications & Awards	CA1 - Infrastructure certifications	CA1 - Did the entity maintain or achieve asset-level certifications for ESG-related performance?	No change.
	CA2 - Awards	CA2 - Did the entity receive awards for ESG-related actions, performance, or achievements?	No change.