

SPARC – Environmental Sustainability

Revised 11 April 2025

This document details the supplier requirements for the Supply Chain Responsibility Environmental Sustainability Program. Please read and understand the details below which explain the actions required for deliverable completion, as well as the ways in which your participation supports Intel's environmental sustainability initiatives.

After implementation, there may be additional requirements to comply with this program. These may include regulatory updates, additional assessment or audit requests, actions required resulting from an audit/assessment, or any other requirement Intel deems necessary due to a change in the risk landscape.

CDP Program Deliverables

- **Climate Change Questionnaire**
- **Water Use Questionnaire**

Intel has high supplier expectations associated with environmental performance and transparency. Intel works with CDP, a not-for-profit organization that runs a global disclosure system for investors, companies, and governmental agencies. Intel is a member of CDP's Supply Chain program and requests key suppliers to participate in CDP's annual Corporate Questionnaire with a focus on the following areas:

- Environmental Performance – Climate Change
- Environmental Performance – Water Security

Suppliers assigned the Climate Change Questionnaire deliverable and/or the Water Use Questionnaire deliverable are requested to complete the minimum required questions outlined below within relevant sections of the CDP Corporate Questionnaire; to meet other requirements in their response submission as outlined below; to submit their responses by CDP's due date; and to make their CDP responses public. Current information indicates that the response window will open the week of June 16, 2025 and the submission deadline to receive a score from CDP will be the week of September 15, 2025. Information on the final submission deadline will be posted as soon as possible when available. Please visit the [CDP Disclosure Cycle 2025 website](#) for more information on the 2025 disclosure cycle and timelines. For additional information on CDP, please visit <https://www.cdp.net/>. Information will be provided at a later time on how to access the CDP Disclosure Portal or register for CDP if you previously did not have access or have been requested to respond for the first time in 2025. In addition, further details from CDP on the steps for setting up a CDP account, accessing the CDP portal, and responding to and submitting the CDP Questionnaire can be found [here](#).

Required questions within the CDP Corporate Questionnaire, as well as other requirements to receive credit for meeting the Climate Change Questionnaire and Water Use Questionnaire deliverables, are outlined below. To receive credit from Intel for meeting the requirements of this SPARC deliverable and to receive the full Intel Supplier Report Card points associated with this deliverable, please ensure all requirements are met **prior** to submission of the response to CDP.

Requirements

Climate Change Questionnaire Deliverable

- **Answer at least the required questions for Intel outlined in the table below** (completing additional portions of the questionnaire, although not mandatory, is desirable and may increase suppliers' CDP score). Intel recommends that suppliers review the CDP guidance documents, which can be accessed [here](#), to find more information on how to complete each CDP question required by Intel.
 - **Report Scope 1, Scope 2, and relevant Scope 3 GHG emissions** in the relevant questions in the CDP Corporate Questionnaire (see the table below for information on relevant questions).

- **Report at least one active Greenhouse Gas (GHG) reduction** goal and progress made toward GHG reduction goals in the relevant questions regarding emissions targets and goals in the CDP Corporate Questionnaire (see the table below for information on relevant questions). **An active goal is a goal with a target year that is the current reporting year or later.**
- **Make the response public** per CDP instructions when the questionnaire is submitted.
- **Step-by-step instructions** on accessing the CDP Corporate Questionnaire and completing the Climate Change and Water Use Questionnaire deliverables will be available for reference when available.

Table 1: Required Questions for the Climate Change Questionnaire Deliverable

CDP Corporate Questionnaire Module	CDP Corporate Questionnaire Question Number(s)	SME Questionnaire Question Number(s)	Question Focus Area(s) and Requested Information	How Intel Uses This Information
Environmental Performance – Climate Change	7.3	20.1	Scope 2 Emissions Reporting Approach	Calculation of Intel’s Scope 3 Category 1 and Category 2 GHG emissions
	7.6	20.1, 20.4	Scope 1 Emissions	
	7.7	20.1, 20.5	Scope 2 Emissions	
	7.8	20.1, 20.7	Relevant Scope 3 Emissions	Evaluation of compliance with deliverable requirement to report Scope 1, Scope 2, and relevant Scope 3 GHG emissions.
	7.53 (+ 7.53.1 – 7.53.3 as applicable)	20.16 (+20.16.1 – 20.16.3 as applicable)	Absolute emissions targets, emissions intensity targets, and progress made against those targets	Evaluation of compliance with requirement to report at least one active GHG reduction goal/target
	7.54 (+ 7.54.1 – 7.54.3 as applicable)		Other climate-related targets, including targets to increase low-carbon energy consumption or production, targets to reduce methane emissions, net-zero targets, and other climate-related targets	Evaluation of compliance with deliverable requirement to report at least one active GHG reduction goal/target, as well as Climate Change Commitments SPARC deliverables (additional details below)
7.55 (+ 7.55.1 – 7.55.4 as applicable)	20.17 (+2.17.1 as applicable)	Emission reduction initiatives	Evaluation of compliance with Climate Change Commitments SPARC deliverables (additional details below)	

- **Answer at least the required questions for Intel** outlined in the table below (completing additional portions of the questionnaire, although not mandatory, is desirable and may increase suppliers’ CDP score). Intel recommends that suppliers review the CDP guidance documents, which can be accessed [here](#), to find more information on how to complete each CDP questionnaire question required by Intel.
- **Report at least one active water withdrawal, consumption, conservation, and/or efficiency goal** and progress made toward water-related goals in the relevant question(s) in the questionnaire submission. **An active goal is a goal with a target year that is the current reporting year or later.**
- **Make the response public** per CDP instructions when the questionnaire is submitted.
- **Step-by-step instructions** on accessing the CDP Corporate Questionnaire and completing the Climate Change and Water Use Questionnaire deliverables will be available for reference when available.

Table 2: Required Questions for the Water Use Deliverable				
CDP Corporate Questionnaire Module	CDP Corporate Questionnaire Question Number(s)	SME Questionnaire Question Number(s)	Question Focus Area(s) and Requested Information	How Intel Uses This Information
Environmental Performance – Water Security	9.2	N/A	Measurement and monitoring of water-related aspects, including withdrawals, discharges, and consumption	Provides information for Intel’s supply chain water assessments and sustainability programs
	9.2.2		Water withdrawal, discharge, and consumption volumes	
	9.2.4		Water withdrawal in areas with water stress	
	9.5		Water withdrawal efficiency	
	9.15 (+ 9.15.1 – 9.15.3 as applicable)		Provide information on water-related targets and provide details of water withdrawal and/or other consumption, conservation, and/or efficiency targets	Evaluation of compliance with deliverable requirement to report at least one active water withdrawal, consumption, conservation, and/or efficiency goal/target

Note: If this is the first year your company has been assigned the Climate Change Questionnaire and/or Water Use Questionnaire deliverable, this is considered your “Introduction Year.” As a result, you are only required to report information you have access to for this year’s CDP reporting cycle in order meet the requirements of this deliverable. However, you are required to establish necessary systems/processes in your company during your Introduction Year so that you have the information available to report via CDP in the following year.

Note: If a supplier is eligible for and completes the SME version of the CDP Questionnaire, they are only required to complete the relevant questions included within the SME version of the questionnaire. For example, if the Water Use Questionnaire is assigned but relevant questions are not included in the SME version of the questionnaire, water-related questions and requirements will not apply.

Renewable Electricity 2030 & Greenhouse Gas Net Zero Emissions 2050 (RE2030/GHG 2050)

- **Renewable Energy 2030:** Commit to achieving 100% renewable electricity for facilities that provide products and/or services to Intel with a target year of 2030 or earlier.
- **Greenhouse Gas (GHG) Net Zero 2050:** Commit to achieving net-zero Scope 1, Scope 2, and relevant upstream Scope 3 GHG emissions with a target year of no later than 2050.

Intel has a commitment to achieve net-zero upstream Scope 3 GHG emissions by 2050. Collaboration and action across the value chain is important for accelerating progress on GHG emissions reductions and helping to achieve these goals. Intel requests that suppliers assigned these deliverables make a commitment to achieve:

- 100% renewable electricity for facilities that provide products and/or services to Intel with a target year of 2030 or earlier.
- Net-zero Scope 1, Scope 2, and relevant upstream Scope 3 emissions across their total operations, with a target year of no later than 2050.

It is recognized that while many suppliers already have goals meeting these criteria in place, for others, achieving these deliverables will require longer-term actions. In 2025, achievement of these deliverables will be measured based on demonstrated progress toward setting targets that meet the criteria above and/or action toward net-zero GHG emissions and increasing renewable electricity, with specific requirements outlined below.

Requirements

Deliverable	How achievement of deliverable will be measured
<p>Renewable Electricity 2030: Commit to achieving 100% renewable electricity for facilities that provide products and/or services to Intel with a target year of 2030 or earlier.</p>	<p>Suppliers that have publicly set a commitment to achieve 100% renewable electricity across their operations with a target year of 2030 or earlier and that report this goal in questions 7.54 and 7.54.1 in their CDP Questionnaire response will be considered to have met this deliverable for 2025. Suppliers may be asked to complete a short survey via graphiteConnect, to indicate that this pathway to meet the requirements of this deliverable was implemented.</p> <p>Suppliers that do not report a 100% renewable electricity goal across their global operations with a target year of 2030 or earlier in their CDP response will be required to provide additional information on their commitments and actions related to increasing renewable electricity through a short survey via graphiteConnect.</p> <p>The deliverable will be marked complete for 2025 if:</p> <ol style="list-style-type: none"> Suppliers that indicate that they have an existing or new commitment to achieve 100% renewable electricity for facilities that provide products and/or services to Intel with a target year of 2030 or earlier in the RE2030/GHG 2050 survey. If the supplier states they are unable to make the Renewable Electricity commitment at this time, they must provide details on any challenges or barriers to setting or achieving renewable electricity goals. One or more of the following criteria must also be met to achieve full credit for this deliverable in 2025: <ol style="list-style-type: none"> Set a new renewable electricity goal or increase the ambition of an existing renewable electricity goal (for example, increased % renewable electricity in the target year, adjustment to an earlier target year, etc.).

	<p>Suppliers will have the option to provide details on this in response to question 7.54 and 7.54.1 in the CDP Corporate Questionnaire or in response to relevant questions in RE2030/GHG 2050 Survey.</p> <ul style="list-style-type: none"> b) Report a new renewable electricity project that was implemented in the reporting year or that is in progress. Suppliers will have the option to provide details in their responses to question 7.55 and relevant sub-questions in CDP response or in Intel’s RE2030/GHG 2050 Survey. c) Actively engage in the Catalyze supply chain renewable electricity accelerator program (additional details on Catalyze below). Active engagement includes registering for the program <i>and</i> participating in the on-boarding process and/or educational content. d) Report other actions or initiatives focused on increasing the % of electricity consumption that is from renewable sources and/or reducing Scope 2 GHG emissions in Intel’s RE2030/GHG 2050 Survey. e) Suppliers will be asked to indicate in their response to Intel’s RE2030/GHG 2050 Survey which of the pathways indicated above were implemented to meet the requirements of this deliverable to enable verification.
<p>Greenhouse Gas (GHG) Net-Zero 2050: Commit to achieving net-zero Scope 1, Scope 2, and relevant upstream Scope 3 GHG emissions with a target year no later than 2050.</p>	<p>Suppliers that have publicly set a commitment to achieve net-zero Scope 1, Scope 2, and relevant upstream Scope 3 GHG emissions with a target year of no later than 2050 and that report this in the response to questions 7.54 and 7.54.3 in the CDP Corporate Questionnaire will be considered to have met this deliverable for 2025. Suppliers may be asked to complete a short survey via graphiteConnect, to briefly indicate that this pathway to meet the requirements of this deliverable was implemented.</p> <p>Suppliers that do not report a net-zero GHG target that meets the criteria above in questions 7.54 and 7.54.3 in their CDP Corporate Questionnaire response will be required to provide additional information on their commitments and actions related to reducing GHG emissions and progress toward net-zero emissions through Intel’s RE2030/GHG 2050 Survey in order to meet the requirements of this deliverable. Additional information may also be required in their CDP response to meet deliverable requirements, as outlined below.</p> <ul style="list-style-type: none"> 1. Suppliers that indicate that they are making a commitment to achieve net-zero Scope 1, Scope 2, and relevant upstream Scope 3 GHG emissions with a target year no later than 2050 in Intel’s RE2030/GHG 2050 Survey will be considered to have met this deliverable for 2025. 2. If the supplier states they are unable to make the Net Zero commitment at this time, they must provide details in their response to Intel’s RE2030/GHG2050 survey on the challenges or barriers to setting or achieving a net-zero target meeting the deliverable requirements. One or more of the following criteria

must also be met to achieve credit for this deliverable in 2025:

- a) Set a new GHG reduction goal or increase the ambition of an existing GHG reduction goal (for example, increased % reduction in target year, adjustment to an earlier target year, etc.). Suppliers will have the option to provide details on this in response to questions 7.53 or 7.54 and relevant sub-questions in their CDP Corporate Questionnaire response or Intel's RE2030/GHG 2050 Survey response.
- b) Set a new net-zero GHG goal or increase the ambition of an existing net-zero goal (e.g., adjustment to an earlier target year, increased coverage of the goal to include additional GHG scopes/emissions sources). Suppliers will have the option to provide details on this in response to questions 7.54 and 7.54.3 in their CDP Corporate Questionnaire response or Intel's RE2030/GHG 2050 Survey response.
- c) Report a new GHG reduction project or initiative targeting upstream Scope 3 GHG emissions completed in the most recent reporting year or that is in progress. Suppliers will have the option to provide details on this in response to questions 7.55 and relevant sub questions in their CDP response or in Intel's RE2030/GHG 2050 Survey.
- d) Provide details in Intel's RE2030/GHG 2050 Survey on new supplier engagement programs or initiatives focused on GHG emissions reductions and climate change mitigation implemented in the most recent reporting year or in progress.
- e) Provide details Intel's RE2030/GHG 2050 Survey on other programs, projects, or initiatives focused on advancing progress toward net-zero Scope 1, Scope 2, and upstream Scope 3 GHG emissions by 2050 implemented in the most recent reporting year or in progress.
- f) Suppliers will be asked to indicate in Intel's RE2030/GHG 2050 Survey response which of the pathways indicated above were implemented to meet the requirements of this deliverable to enable verification.

Additional information on accessing and responding to Intel's RE2030/GHG 2050 Survey via graphiteConnect will be released in Q2 2025. The survey will open mid-April 2025 and the deadline for completion is mid-October 2025. Responses to Intel's RE2030/GHG 2050 Survey will not be public and will be provided only to Intel. Any personal data will be treated as private and kept confidential. For more information on how Intel manages your Personal Data, please review the [Intel Privacy Notice](#).

Note: If this is the first year your company has been assigned the Renewable Energy 2030 and Greenhouse Gas (GHG) Net-Zero 2050 deliverables, this is considered your "Introduction Year." As a result, you are only required to submit the Intel's RE2030/GHG 2050 Survey based on currently available information to meet the requirements of the deliverable for this year. However, you are required to establish necessary systems/processes in your company during your Introduction Year to meet full deliverable requirements in the following year.

Catalyze Renewable Electricity Program

To support suppliers in their progress to set and achieve renewable electricity and GHG reduction targets, Intel is a founding co-sponsor of the Catalyze renewable electricity accelerator program. The Catalyze program is a semiconductor industry collaboration that provides suppliers with access to educational content and resources focused on renewable electricity, consultation for evaluating renewable electricity opportunities and procurement strategies, and access to renewable electricity procurement opportunities. Suppliers can find additional information on Catalyze [here](#). Suppliers are under no obligation to participate in any portion of the program or work with Schneider Electric, who is facilitating Catalyze, to explore the renewables market or purchase renewable electricity.

If you have any questions about our Environmental Sustainability program, please contact Intel.Supplier.Assurance.Communications@intel.com.

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