



## **Template for submitting proposals related to GHG Protocol's *Corporate Standard*, *Scope 2 Guidance*, *Scope 3 Standard*, *Scope 3 Calculation Guidance* and market-based accounting approaches**

(Optional)

### Proposal instructions

GHG Protocol is conducting four related surveys in reference to the following GHG Protocol standards, guidance and topics:

1. Corporate Accounting and Reporting Standard (Revised Edition, 2004) ("Corporate Standard")
2. Scope 2 Guidance (2015)
3. Corporate Value Chain (Scope 3) Accounting and Reporting Standard (2011) ("Scope 3 Standard"), and Technical Guidance for Calculating Scope 3 Emissions, version 1.0, 2013 ("Scope 3 Calculation Guidance")
4. Market-based accounting approaches

**The survey is open until March 14, 2023.** To fill out the survey, [click here](#).

As part of the survey process, respondents may provide proposals for potential updates, amendments, or additional guidance to the *Corporate Standard*, *Scope 2 Guidance*, *Scope 3 Standard*, or *Scope 3 Calculation Guidance*, by providing the information requested in this template. You may also use this template to provide justification for maintaining a current approach on a given topic.

Submitting proposals is optional. Respondents may submit multiple proposals related to different topics.

Proposals should be as concise as possible while providing the requested information. Submissions that are outside of the template may not be considered. Proposals may be made publicly available.

To submit the proposal, please save this file and fill out the fields below. When you've completed your proposal, please upload the file via this [online folder](#). Please name your file STANDARD\_Proposal\_AFFILIATION, e.g., *Scope 2\_Proposal\_WRI*.

## Proposal and supporting information

1. Which standard or guidance does the proposal relate to (Corporate Standard, Scope 2 Guidance, Scope 3 Standard, Scope 3 Calculation Guidance, general/cross-cutting, market-based accounting approaches, or other)? If other, please specify.

Scope 2 Guidance

2. What is the GHG accounting and reporting topic the proposal seeks to address?

This proposal attempts to address the gap in residual mix data around the world.

3. What is the potential problem(s) or limitation(s) of the current standard or guidance which necessitates this proposal?

Currently, under the market-based scope 2 data hierarchy, residual mix data is recommended for any electricity consumption without EACs or other supplier specific information. In many regions of the world where EACs exist residual mix data is not available, making average emissions factors commonly used for any remaining electricity consumption. This is despite average emissions factors being at the bottom of the emissions factor hierarchy (as explained in the Table 6.3 Market-based scope 2 data hierarchy). This commonly leads to double counting of renewables in both EACs used for compliance and in the average emissions rates applied to residual electricity consumption without a specific contractual emissions factor.

4. Describe the proposed change(s) or additional guidance.

If the GHGP Scope 2 Market-Based method remains substantially the same, WRI should consider adding a new data type to Table 6.3 Market-based scope 2 data hierarchy between the 'residual mix' and 'other grid-average emissions factors' consisting of a 'fossil generation emissions factor'. This new emissions factor would consist of the emissions of just the fossil generation on the grid divided by the total generation from those same plants.

This new emissions factor would prevent double counting of renewables, ensuring organizations do not inadvertently undercount their electricity emissions, by removing any renewable generation that may have an EAC associated with it and already be claimed by another entity.

This factor is also easy to calculate in different grid around the world where residual mix data might not be available. It can also be calculated at a finer time granularity than residual mix data currently allows, including hourly or sub-hourly data.

**5. Please explain how the proposal aligns with the GHG Protocol decision-making criteria and hierarchy (A, B, C, D below), while providing justification/evidence where possible.**

**A. GHG Protocol accounting and reporting approaches shall meet the GHG Protocol accounting and reporting principles (see Annex for definitions):**

- Accuracy, Completeness, Consistency, Relevance, Transparency
- Additional principles for land sector activities and CO<sub>2</sub> removals: Conservativeness, Permanence, and Comparability if relevant

The addition of a 'fossil generation emissions factor' is a more conservative estimate of the emissions from electricity consumption than average emissions factors would be under a Scope 2 Market-Based approach. This emissions factor improves the accuracy and transparency of any reported emissions.

**B. GHG Protocol accounting and reporting approaches shall align with the latest climate science and global climate goals (i.e., keeping global warming below 1.5°C). To support this objective (non-exhaustive list):**

- Direct emissions reported in a company's inventory should correspond to emissions to the atmosphere. Reductions in direct emissions reported in a company's inventory should correspond to reductions in emissions to the atmosphere.
- Indirect emissions reported in a company's inventory should in the aggregate correspond to emissions to the atmosphere. Reductions in indirect emissions reported in a company's inventory should in the aggregate correspond to reductions in emissions to the atmosphere.

**C. GHG Protocol accounting frameworks should support ambitious climate goals and actions in the private and public sector.**

- Would this proposal enable organizations to pursue more effective GHG mitigation/decarbonization efforts as compared to the existing standards and guidance? If so, how?
- Would this proposal better inform decision making by reporting organizations and their stakeholders (e.g. related to climate-related financial risks and other relevant information associated with GHG emissions reporting)?

**D. GHG Protocol accounting frameworks which meet the above criteria should be feasible. (For aspects of accounting frameworks that meet the above criteria but are difficult to implement, GHG Protocol should provide additional guidance and tools to support implementation.)**

- What specific information, data or calculation methods are required to implement this proposal (e.g., in the case of scope 2, data granularity, grid data, consumption data, emission information, etc.)? Would new data/methods be needed? Are current data/methods available? How would this be implemented in practice?
- Would this proposal accommodate and be accessible to all organizations globally who seek to account for and report their GHG emissions? Are there potential challenges which would need to be further addressed to implement this proposal globally? What would be the potential solutions?

It is easy to derive 'fossil generation emissions factor' today from existing grid information. Adding this emissions factor to the data hierarchy should not increase the burden on entities reporting electricity emissions.

**6. Consistent with the hierarchy provided above, are there potential drawbacks or challenges to adopting this proposal? If so, what are they?**

The 'fossil generation emissions factor' might overestimate the emissions from residual electricity consumption, but it is more important to prevent double counting and provide a conservative estimate of an organization's electricity emissions.

**7. Would the proposal improve alignment with other climate disclosure rules, programs and initiatives or lead to lack of alignment? Please describe.**

**8. Please attach or reference supporting evidence, research, analysis, or other information to support the proposal, including any active research or ongoing evaluations. If relevant, please also explain how the effectiveness of the proposal can be evaluated and tracked over time.**

**9. If applicable, describe the process or stakeholders/groups consulted as part of developing this proposal.**

**10. If applicable, provide any additional information not covered in the questions above.**

## Proposal Annex

### GHG Protocol Decision-Making Criteria and Hierarchy

**A. First, GHG Protocol accounting and reporting approaches shall meet the GHG Protocol accounting and reporting principles:**

- Accuracy, Completeness, Consistency, Relevance, Transparency
- Additional principles for land sector activities and CO<sub>2</sub> removals: Conservativeness, Permanence, and Comparability if relevant
- (See table below for definitions)

**B. Second, GHG Protocol accounting and reporting approaches shall align with the latest climate science and global climate goals (i.e., keeping global warming below 1.5°C). To support this objective (non-exhaustive list):**

- Direct emissions reported in a company's inventory should correspond to emissions to the atmosphere. Reductions in direct emissions reported in a company's inventory should correspond to reductions in emissions to the atmosphere.
- Indirect emissions reported in a company's inventory should in the aggregate correspond to emissions to the atmosphere. Reductions in indirect emissions reported in a company's inventory should in the aggregate correspond to reductions in emissions to the atmosphere.

**C. Third, GHG Protocol accounting frameworks should support ambitious climate goals and actions in the private and public sector:**

- Accounting framework/s would enable organizations to pursue more effective GHG mitigation/decarbonization efforts as compared to the existing standards and guidance
- Accounting framework/s would better inform decision making by reporting organizations and their stakeholders (e.g. related to climate-related financial risks and other relevant information associated with GHG emissions reporting)

**D. Fourth, GHG Protocol accounting frameworks which meet the above criteria should be feasible to implement for the users of the frameworks.**

- For aspects of accounting frameworks that meet the above criteria but are difficult to implement, GHG Protocol should provide additional guidance and tools to support implementation.

### GHG Protocol Accounting and Reporting Principles

Principle	Definition
<b>Accuracy</b>	Ensure that the quantification of GHG emissions (and removals, if applicable) is systematically neither over nor under actual emissions (and removals, if applicable), and that uncertainties are reduced as far as practicable. Achieve sufficient accuracy to enable users to make decisions with reasonable assurance as to the integrity of the reported information.
<b>Completeness</b>	Account for and report on all GHG emissions (and removals, if applicable) from sources, sinks, and activities within the inventory boundary. Disclose and justify any specific exclusions.

<b>Consistency</b>	Use consistent methodologies to allow for meaningful performance tracking of emissions (and removals, if applicable) over time and between companies. Transparently document any changes to the data, inventory boundary, methods, or any other relevant factors in the time series.
<b>Relevance</b>	Ensure the GHG inventory appropriately reflects the GHG emissions (and removals, if applicable) of the company and serves the decision-making needs of users – both internal and external to the company.
<b>Transparency</b>	Address all relevant issues in a factual and coherent manner, based on a clear audit trail. Disclose any relevant assumptions and make appropriate references to the accounting and calculation methodologies and data sources used.
<b>Conservativeness</b> (Land Sector and Removals Guidance)	Use conservative assumptions, values, and procedures when uncertainty is high. Conservative values and assumptions are those that are more likely to overestimate GHG emissions and underestimate removals, rather than underestimate emissions and overestimate removals.
<b>Permanence</b> (Land Sector and Removals Guidance)	Ensure mechanisms are in place to monitor the continued storage of reported removals, account for reversals, and report emissions from associated carbon pools.
<b>Comparability (optional)</b> (Land Sector and Removals Guidance)	Apply common methodologies, data sources, assumptions, and reporting formats such that the reported GHG inventories from multiple companies can be compared.