

# ASIA CLEAN ENERGY FORUM 2025

Empowering the Future: Clean Energy Innovations,  
Regional Cooperation and Integration, and Financing Solutions

2–6 June | ADB Headquarters, Manila



## Crossing Borders: Integrated Solutions

### for Net Zero-Carbon Development

## Role GHG Protocol in Advancing Zero Carbon Emission Goal

**5 June 2025 | 14:00–17:35 (GMT+8)**

In cooperation with

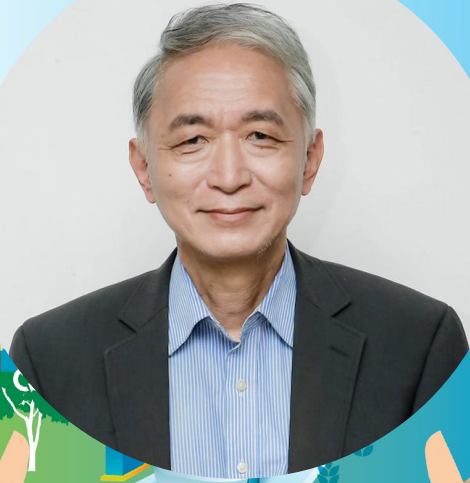


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ADB



## Yongping Zhai

Member of Steering Committee,  
Greenhouse Gas Protocol  
Senior Advisor on Carbon Neutrality,  
Tencent

Featured Speaker

## GHG Protocol: Origins and Global Impact

### Founded in 1998:

- The Greenhouse Gas Protocol Initiative is a multi-stakeholder partnership of businesses, non-governmental organizations (NGOs), governments, and others convened by the World Resources Institute (WRI), a U.S.-based environmental NGO, and the World Business Council for Sustainable Development (WBCSD), a Geneva-based coalition of 170 international companies.
- Launched in 1998, the Initiative's mission is to develop internationally accepted greenhouse gas (GHG) accounting and reporting standards for business and to promote their broad adoption.

### Core Mission:

The GHG Protocol Initiative comprises mainly two separate sets of standards:

- GHG Protocol Corporate Accounting and Reporting Standard (a step-by-step guide for companies to use in quantifying and reporting their GHG emissions)
- GHG Protocol Project Accounting Standard (a guide for quantifying reductions from GHG mitigation projects)

# GHG Protocol Corporate Accounting & Reporting Standard

## Scope:

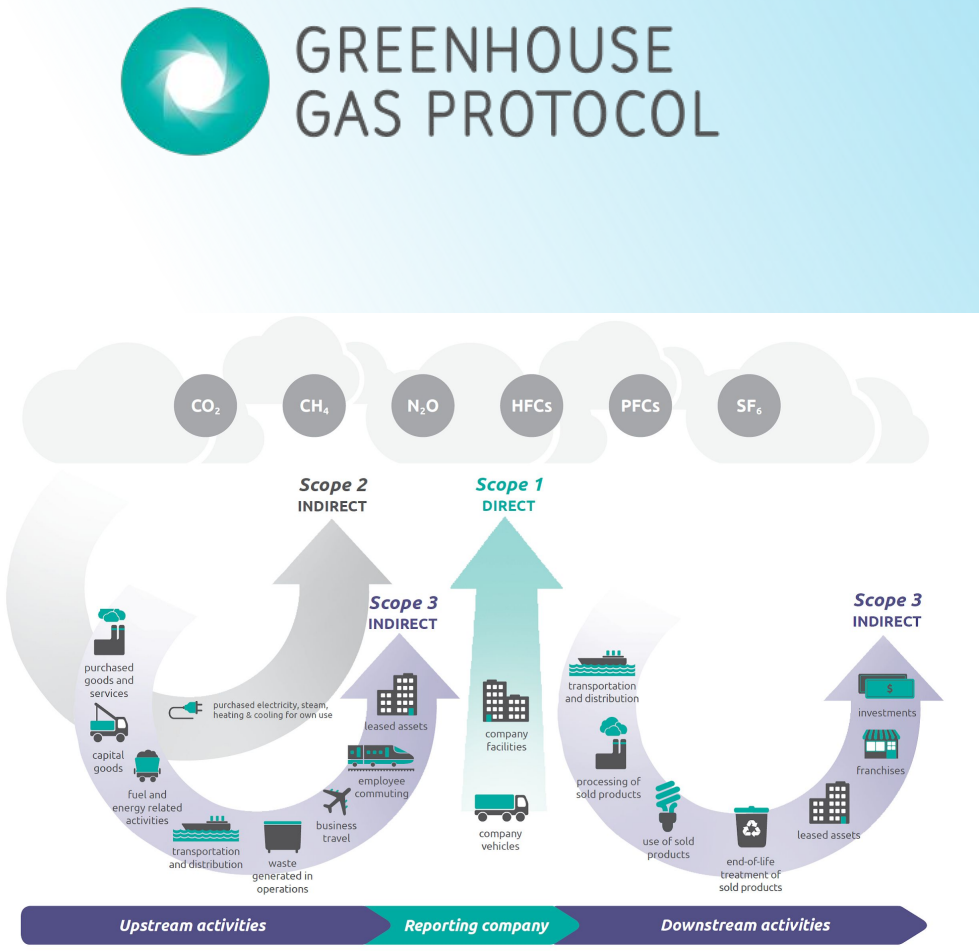
- **Scope 1:** Direct emissions (e.g., fuel combustion).
- **Scope 2:** Indirect emissions from purchased energy (e.g., electricity).
- **Scope 3:** All other indirect emissions (e.g., supply chain, product use).

## Core Principles:

- Relevance, completeness, consistency, accuracy, and transparency.
- Aligns with IPCC guidelines and supports net-zero targets.

## Global Adoption:

- 97% of disclosing S&P 500 companies reported to CDP using GHG Protocol.
- Basis for national/international climate policies and carbon markets.





## GHG Protocol for Project Accounting:

### Purpose

- Provides a standardized methodology to **quantify GHG reductions and removals** from climate mitigation projects (e.g., renewable energy, reforestation), ensuring credibility and comparability for carbon markets and compliance programs.

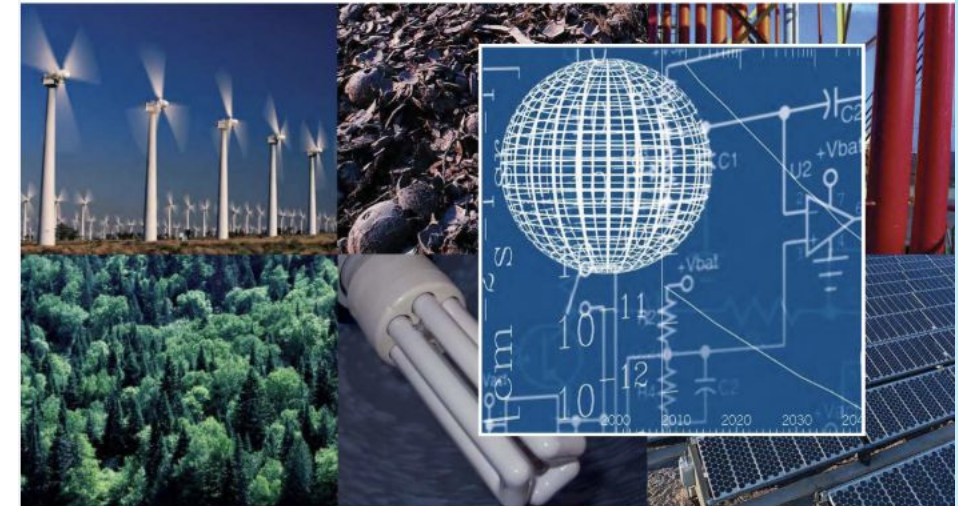
### Core Principles

- **Baseline Setting:** Define emissions under a "business-as-usual" scenario to measure project impact.
- **Additionality:** Prove reductions go beyond standard practices (e.g., replacing coal with solar energy).

### Use Cases:

- **Carbon Credits:** Generate tradable credits under CDM (Clean Development Mechanism) or VCS (Verified Carbon Standard).
- **Corporate Reporting:** Validate emission cuts for ESG disclosures and net-zero targets.

## The Greenhouse Gas Protocol



## The GHG Protocol for Project Accounting

## Why GHG Protocol Needs Modernization

Since the publication of Greenhouse Gas Protocol's Corporate Accounting and Reporting Standard (2004), Corporate Value Chain (Scope 3) Standard (2011), Scope 3 Calculation Guidance (2013), and Scope 2 Guidance (2015), there have been many important developments in greenhouse gas accounting and reporting. Among these are the Science Based Targets initiative (SBTi), the trend toward net-zero targets, mandatory climate disclosure regulations, use of the standards by thousands of companies, and academic research on their use and impact.

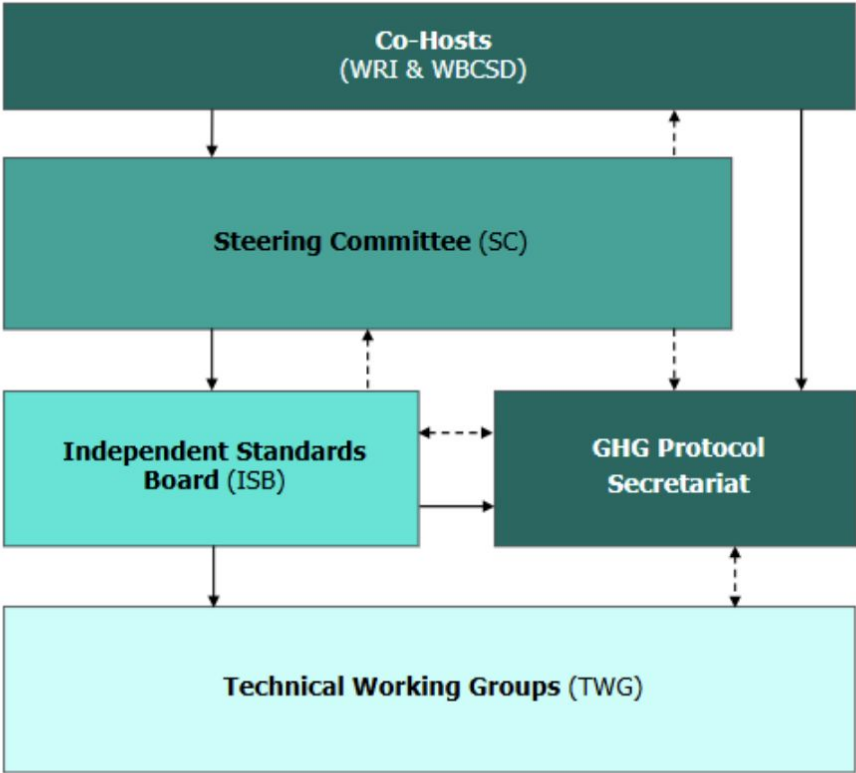
The Greenhouse Gas (GHG) Protocol standards are being revised to improve their effectiveness and ensure alignment with evolving needs in corporate climate action and sustainability reporting.

Specifically, the revisions aim to enhance inter-operability with other reporting frameworks, improve data quality and emissions tracking, and provide greater clarity on market-based mechanisms for GHG accounting.

Additionally, the revisions are incorporating advancements in scientific research and best practices, while also addressing stakeholder feedback.

# GHG Protocol's New Governance Structure

All new standards and guidance, as well as revisions of existing standards and guidance, will be developed through an inclusive, global, multi-stakeholder process, with participation solicited from academia, businesses, governments, industry associations, NGOs, and other organizations worldwide.



### Steering Committee

[View the Steering Committee's Terms of Reference.](#)

**Wataru Baba**  
Steering Committee member

**Yamide Dagnet**  
Steering Committee member

**Craig Hanson**  
Steering Committee member

**Richard Manley**  
Steering Committee member

**Julia Maris**  
Steering Committee member

**Geraldine Matchett**  
Steering Committee Chair

**Kathleen McGinty**  
Steering Committee member

**Ovais Sarmad**  
Steering Committee Vice-Chair

**Ann Tracy**  
Steering Committee member

**Dominic Waughray**  
Steering Committee member

**Yongqing Zhai**  
Steering Committee member



# GHG Protocol's Key Milestones

Workstream	2025	2026	2027	2028
Corporate Standard	<ul style="list-style-type: none"> <li>Summary of decisions taken on key issues as of Q4 2025 agreed by the TWG and ISB</li> </ul>	<ul style="list-style-type: none"> <li>Draft revised Corporate Standard for public consultation</li> </ul>	<ul style="list-style-type: none"> <li>Revised Corporate Standard</li> </ul>	
Scope 2	<ul style="list-style-type: none"> <li>Draft revised text on key requirements for public consultation</li> </ul>	<ul style="list-style-type: none"> <li>Revised text on key requirements</li> <li>Draft revised Scope 2 Standard and Guidance for public consultation on topics not included in the 2025 public consultation</li> </ul>	<ul style="list-style-type: none"> <li>Revised Scope 2 Standard and Guidance</li> </ul>	
Scope 3	<ul style="list-style-type: none"> <li>Summary of decisions taken on key issues as of Q4 2025 agreed by the TWG and ISB</li> </ul>	<ul style="list-style-type: none"> <li>Draft revised Scope 3 Standard and Guidance for public consultation</li> </ul>	<ul style="list-style-type: none"> <li>Revised Scope 3 Standard and Guidance</li> </ul>	
Actions and Market Instruments	<ul style="list-style-type: none"> <li>Summary of decisions taken on key issues as of Q4 2025 agreed by the TWG and ISB</li> <li>Targeted public consultation on select key issues related to actions and market instruments at the end of 2025 to inform subsequent standard development</li> </ul>		<ul style="list-style-type: none"> <li>Draft standard and guidance on impacts of actions and market instruments for public consultation</li> </ul>	<ul style="list-style-type: none"> <li>Standard and guidance on impacts of actions and market instruments</li> </ul>
Land Sector and Removals	<ul style="list-style-type: none"> <li>Land Sector and Removals Standard and Guidance</li> </ul>			



## Conclusion

The GHG Protocol is an essential tool for advancing zero carbon emission goals by providing a standardized framework for measuring, accounting for, and reporting GHG emissions. It enables organizations and governments to track progress, set ambitious targets, and take effective action to mitigate climate change. By promoting transparency, accountability, and collaboration, the GHG Protocol plays a vital role in building a low-carbon future.



