

# Actions and Market Instruments Technical Working Group

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## Meeting # 1.08

**GHG Protocol Secretariat team:**  
Ralf Pfitzner, David Rich, Kevin Kurkul

**September 16, 2025**

# Agenda

- Housekeeping (10 min)
- Workstream Updates (45 min)
- Related Initiatives (60 min)
- Next Steps (5 mins)



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# Agenda

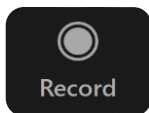
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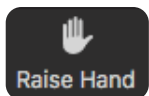
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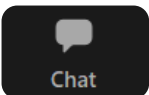
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This meeting is recorded.



Please use the Raise Hand function to speak during the call.



You can also use the chat function in the main control.



Recording, slides, and meeting minutes will be shared after the call.

## Guidelines and Procedures

TWG members should **not disclose any confidential information** of their employers, related to products, contracts, strategy, financials, compliance, etc.

In TWG meetings, **Chatham House Rule** applies:

- “When a meeting, or part thereof, is held under the Chatham House Rule, participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed.”

**Compliance and integrity** are key to maintaining the credibility of the GHG Protocol

- Specifically, all participants need to follow the **conflict-of-interest policy**
- **Anti-trust rules** have to be followed; please avoid any discussion of competitively sensitive topics\*

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\* Such as pricing, discounts, resale, price maintenance or costs; bid strategies including bid rigging; group boycotts; allocation of customers or markets; output decisions; and future capacity additions or reductions

## AMI TWG Shared Values

- Always **be respectful**
- Take space, make space
- There are **no bad ideas or questions**
- **Be pragmatic** – balance perfect with actionable
- **Be open** to differing points of view and **curious** about all sides of a discussion
- **Keep integrity** at the heart of decision-making and consider real word impacts
- **Keep focus** on the long-term goal of developing an effective standard

## Today's Objectives

1. Discuss TWG meetings and deliverable plans through the end of the calendar year
2. Provide an update on related initiatives inside and outside of GHG Protocol working on AMI related topics to inform AMI standard development

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# RELEASE: ISO and GHG Protocol Announce Strategic Partnership to Deliver Unified Global Standards for Greenhouse Gas Emissions Accounting

- *A new era begins in carbon accounting as ISO and GHG Protocol agree to harmonize their existing portfolios of GHG standards and to co-develop new standards for GHG emissions measurement and reporting*
- *Until now, GHG standards have been developed separately with varying scopes and verification guidance. The new ISO–GHG Protocol partnership, announced today, represents a fundamental shift toward integration and co-development, enabling users to rely on a coherent framework and reducing potential confusion in the market*
- *The partnership will produce a common global language for emissions accounting, which will accelerate progress towards decarbonization*
- *The development of combined, credible standards for GHG emissions terminology, measurement, and reporting provides a long-awaited, trusted solution for companies, investors, verifiers, auditors and policymakers, and aligns with recent calls for harmonization by both government and companies.*



[Link to press release](#)

## AMI Workplan Update

- Today we'll provide updates on a few key aspects of the workplan through the end of the year:
  - Secretariat capacity additions
  - TWG meeting schedule and topics to address
    - Regular meetings
    - In-person workshop
  - Workstream milestones and deliverables

## AMI Secretariat Capacity Additions

- We are bringing on additional capacity within the AMI Secretariat team
- AMI Director & AMI Manager
  - We have two job openings for an AMI Director & an AMI Manager and are currently interviewing candidates. We encourage you to share with your networks and encourage qualified applicants to apply. <https://ghgprotocol.org/join-our-team>
- Ralf Pfitzner (currently consultant to GHG Protocol Secretariat and managing the Steering Committee) is joining the AMI team as Interim AMI Lead until the AMI Director is hired and onboarded
- Deloitte is supporting the AMI Secretariat through the end of this calendar year
  - The Deloitte team will help the Secretariat to prepare materials for the TWG
  - The team will also provide instrumental support for the upcoming in-person TWG meeting
  - Cynthia Cummis will participate on behalf of the Secretariat support staff rather than as a TWG member for the duration of the contract

## AMI Workplan (Recap)

### Phase 1 – Reporting structure, elements and definitions

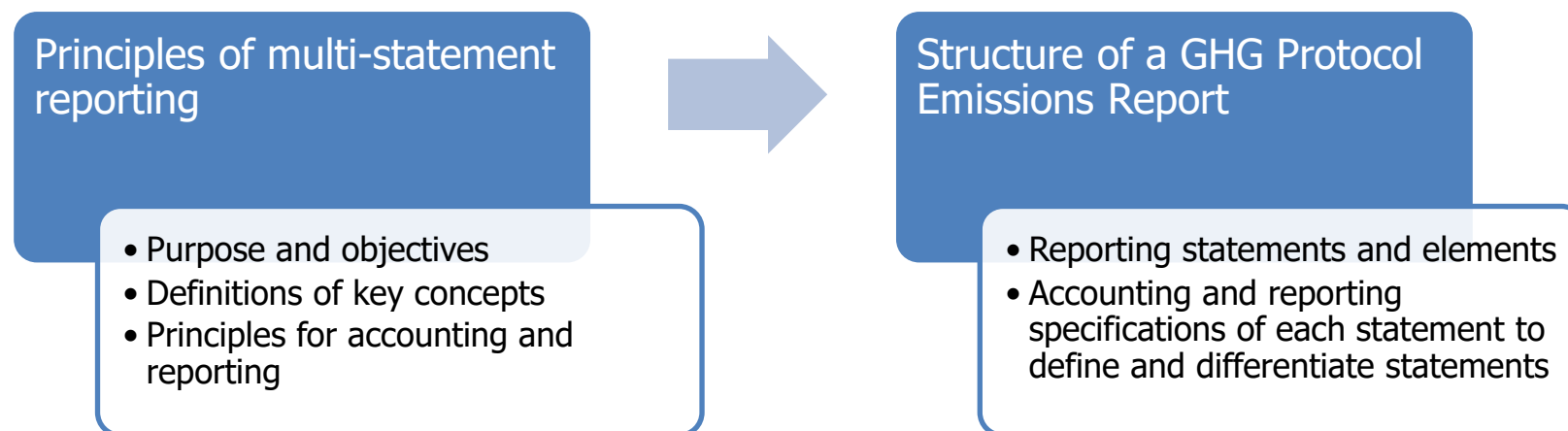
- Clarify and/or define the purpose, structure, and limitations of individual elements within the corporate GHG emissions report
- Determine additional reporting elements and associated quantification method(s) needed to address the impacts of actions and market instruments
- **Output:** White paper (December 2025)

### Phase 2 – Technical development for new reporting elements

- Consolidate relevant guidance from existing GHG Protocol standards and relevant external guidance
- Develop additional accounting and reporting criteria, safeguards, requirements and guidance where necessary
- Develop guidance for programs and policymakers
- **Output:** Actions and Market Instruments Standard and Guidance

## Phase 1 public output (December 2025)

**Corporate GHG reporting structure, elements and definitions:** Key elements expected to include:



- **Notes:**
  - Purpose is to provide interim guidance on principles and reporting structure to external stakeholders
  - We will release outcomes agreed by TWG and decided by Independent Standards Board as of December
    - If TWG and ISB agreement cannot be reached on the full phase 1 output by December 2025, we will release a partial phase 1 output in December 2025 (subject to ISB decision) and complete phase 1 while beginning phase 2 in early 2026
  - We plan to have a targeted public consultation on select key issues to inform phase 2 standard development

## AMI White Paper

- To advance workstream progress, the Secretariat has begun drafting a white paper which integrates TWG discussions, TWG framework proposals, GHG Protocol standards and guidance (published and under development such as Land Sector and Removals and Scope 2 TWG), relevant external initiatives, and additional Secretariat draft content
- The white paper includes draft content for TWG review and feedback and identifies open questions to address across phase 1 and phase 2 topics
- The white paper will be used to both:
  - Serve as the basis for the end-of-year public output
  - Provide structure for TWG and ISB discussions on AMI topics in 2025 and 2026

## AMI White Paper

- Currently, the draft white paper is divided into the following sections:
  1. Part 1: Principles of multi-statement reporting
    1. Purpose, goals and objectives of Actions and Market Instruments Standard
    2. Precedent in GHG Protocol Corporate Standard
    3. Need and objectives for multi-statement GHG reporting structure
    4. Key concepts, terms and definitions
    5. Principles for GHG accounting and reporting
    6. Using multiple types of information
    7. Target setting and role of programs
  2. Part 2: Structure of a GHG Protocol Emissions Report
    8. Possible statements
    9. Accounting and reporting specifications of each possible statement (to define/differentiate statements)
  3. Part 3: Options analysis of key issues relative to decision-making criteria to inform reporting structure and accounting and reporting requirements
- We will use the white paper and the associated open questions to structure TWG conversations through the coming months
- At the end of the year, all sections that have achieved TWG and ISB agreement will be published. The sections that are not agreed will be used to continue TWG conversations in 2026

## TWG Meeting Schedule and In-Person TWG Workshop

- To make rapid progress toward this end-of-year outcome, the TWG will primarily leverage an in-person meeting (with limited hybrid capabilities) in early November
- The Secretariat will also share the first draft of the white paper with the TWG for review in advance of the October 8<sup>th</sup> meeting

Meeting	Date	Topic
<b>8</b>	<b>Sep 16, 2025</b>	<b>Workstream process, deliverables, and related initiatives</b>
9	Oct 8, 2025	AMI white paper review and discussion
10 (In Person Workshop, Washington DC)	Nov 11-13, 2025	Discuss key open questions and aim to arrive at consensus on AMI white paper document, applying decision-making criteria
11	Nov 25, 2025 (TBC)	Finalizing end-of-year content to send to the ISB



## Tentative schedule for Phase 1 White Paper and ISB review

Date	Responsible Party	Activity
Ongoing	Secretariat	Draft white paper
Sep 24 – Oct 5	TWG	Review first draft of white paper
Oct 8	TWG, Secretariat	Discuss white paper in Oct 8 TWG meeting
Oct 9 – Nov 7	Secretariat	Integrate TWG feedback to plan in-person TWG workshop
Nov 11 – 13	Secretariat, TWG	In-person TWG workshop to discuss key questions
Nov 17 – Dec 1	Secretariat, TWG	Secretariat synthesizes TWG workshop outcomes into revised white paper Poll TWG members on paper and/or key remaining questions, as possible Introduce draft white paper to ISB at November 24 ISB meeting Send white paper to ISB on December 1
Dec 1 - 12	ISB	Review of white paper (for ISB decision on Dec 15 ISB meeting)
Dec 15 - 19	ISB, Secretariat	If positive ISB decision, finalize/publish white paper
Dec 22 - 26	ISB, Secretariat	If positive ISB decision with minor edits, finalize/publish white paper

# Deloitte Support: Summary of Planned Activities

Deloitte will assist GHG Protocol in completing Phase 1 of the GHG Protocol Actions and Market Instruments Standard (“the Standard”) development process. The activities outlined below illustrate the sequence of tasks leading up to the Technical Working Group (TWG) meetings and the Phase 1 deadline.

	October TWG	November, In-person TWG	Phase 1 deadline
Activities	<ul style="list-style-type: none"> <li>a) Map relevant external resources and their potential for informing the Standard and if they address identified questions</li> <li>b) Develop a draft recommended outline of the Standard</li> <li>c) Based on the Sept TWG discussion and draft outline, identify 5-10 relevant questions to focus research and analysis</li> <li>d) Conduct research and analysis for up to 5 relevant questions to support discussions by the TWG</li> <li>e) Draft descriptions of the purpose, goals, and objectives and a proposal for potential enabled claims of the Standard to include in draft white paper</li> <li>f) Prepare draft content and meeting materials for October TWG meeting</li> </ul>	<ul style="list-style-type: none"> <li>a) Summarize discussion of the relevant questions addressed in the Oct TWG meeting</li> <li>b) Conduct research and analysis for remaining relevant questions to support discussions by the TWG</li> <li>c) Prepare meeting materials and assist in preparation and facilitation of in-person meeting of the TWG</li> </ul>	<ul style="list-style-type: none"> <li>a) Summarize discussion of all the relevant questions addressed in the in-person TWG meeting</li> <li>b) Assist in finalizing draft content for draft Phase 1 output (white paper) for public consultation</li> <li>c) Draft survey questions for the Phase 1 public consultation</li> </ul>
Deliverables	<ul style="list-style-type: none"> <li>▪ Landscape assessment of external resources</li> <li>▪ Draft outline of the Standard</li> <li>▪ List of 5-10 relevant questions</li> <li>▪ First draft of descriptions of purpose, goals, and objectives and a proposal for potential enabled claims of the Standard to include in white paper</li> <li>▪ Analysis and options and/or proposals for up to 5 relevant questions</li> <li>▪ Meeting materials for the Oct virtual meeting of the TWG</li> </ul>	<ul style="list-style-type: none"> <li>▪ Summary of discussion on up to 5 relevant questions from the October TWG meeting</li> <li>▪ Analysis and options and/or proposals for the remaining relevant questions</li> <li>▪ Meeting materials for the in-person meetings of the TWG</li> </ul>	<ul style="list-style-type: none"> <li>▪ Input for draft of phase 1 output (white paper up to 20 additional pages from existing draft)</li> <li>▪ Draft survey questions for public consultation</li> </ul>

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## Integration of internal and external guidance

- As we advance workstream conversations, we want to place a renewed focus on reviewing, assessing, and where possible integrating the work of related initiatives. This focus has a dual benefit of:
  - Encouraging alignment of accounting and reporting approaches across the programmatic ecosystem
  - Leveraging existing guidance to accelerate workstream progress
- In phase 2, full technical accounting and reporting details will be developed, leveraging existing and ongoing external and internal guidance wherever possible, either through
  - full adoption of guidance,
  - partial adoption of guidance, or
  - consideration of approaches and lessons learned
- As always, integration and consideration of any content will be subject to existing GHG Protocol governance procedures

## Related Initiatives

- Below is a list of related initiatives and guidance documents which may inform development:
  - GHG Protocol: Corporate Standard / Project Protocol (and two sector-specific supplements) / Policy and Action Standard / Land Sector and Removals Standard and Guidance / Scope 2 Consequential Subgroup
  - External initiatives include ISO / AIM Platform / TCAT / SBTi Corporate Net Zero Standard V2.0 / ISEAL / Value Change Initiative / GHGMI / WBCSD Avoided Emissions guidance / ICVCM / VCMi / others
- Today we'll hear updates from three related initiatives:
  - Scope 2 Consequential Subgroup
  - Task Force for Corporate Action Transparency (TCAT)
  - AIM Platform
- The updates from these initiatives will be used for:
  - Informing TWG deliberations on principles and reporting structure for phase 1
  - Consideration for integration as guidance for appropriate reporting elements in phase 2, as applicable

## Scope 2 Consequential Subgroup Update

- **Origin**

- The Consequential Measures Subgroup was established in response to strong internal and external stakeholder interest in metrics that go beyond attributional inventory accounting

- **Purpose**

- To develop recommendations on consequential quantification and reporting of GHG emission impacts resulting from a reporting organization's electricity sector actions for consideration by the AMI TWG

- **Objectives**

- Provide focused, actionable recommendations to advance consequential accounting measures
- **Part 1:** Outline of additional disclosure elements (e.g., statements, categories, etc.) needed to report on consequential measures of GHG emission impacts of electricity sector actions
- **Part 2:** Create a detailed proposal for the AMI TWG on consequential accounting and reporting of electricity sector emissions impacts, including clear methodologies and guidance for calculation
- The output of this subgroup will **serve as an input to the AMI TWG discussions** as we evaluate proposals

## Scope 2 Consequential Subgroup Update

- The subgroup developed two proposals focused on quantifying GHG impacts of electricity consumption and procurement
- Scope 2 subgroup members developed Proposal 1 with the opinion that consequential accounting, while valuable, is underutilized due to complexity, limited guidance, and disconnection from target-setting and disclosure frameworks

### Proposal 1: Marginal Impact Method

A “routine” marginal emissions benchmarking metric to reflect both avoided and induced emissions (designed for target-setting compatibility).

### Proposal 2: Ad-hoc Consequential Guidance

An optional framework for assessments of net system-wide impacts of discrete actions (resembles traditional project accounting).

## Scope 2 Consequential Subgroup Update: Marginal impact method

- A performance metric that incorporates aspects of consequential impact analysis, including the use of marginal emission rates that capture immediate and long-term impacts of actions
- Formula: *induced consumption – avoided emissions = net impact*
- **Induced consumption:** MWhs of electricity consumption \* marginal emission rates
- **Avoided emissions:** MWhs of electricity generation/procurement \* marginal emission rates
  - Projects must meet additionality criteria to be counted toward avoided emissions totals
- All assessments are done for the reporting year activities only and include emissions impacts on the electricity sector specifically



## Scope 2 Consequential Subgroup Update: July ISB meeting feedback

**Majority support for “No, in order to support the direction, I have significant concerns that need to be addressed” (7/11 members).** ISB members did not support approving the proposal for public consultation. Feedback raised on the following:

### **Support for continued development**

- Broad support for continued development of consequential or beyond value chain mitigation (BVCM) impacts related to the electricity sector
- Broad support for coordinating with AMI on development of impact reporting, of which components of the MIM proposal should be further developed

### **Implementation details**

- Some concerns about the development of a netting or target-setting approach, rather than simply an avoided emissions methodology (more support for the avoided emissions half of the equation than the induced emissions or consumption impact half)
- Some concerns that the additionality test, as described in the MIM proposal, is not sufficiently rigorous to support avoided emission claims
  - Request to examine relevant existing standards on additionality for potential alignment, such as Article 6.4
  - Request for AMI to first consider additionality in the context of sector-agnostic impact accounting and reporting, and then apply those principles to specific sectors, which would include electricity
- Some concerns were raised regarding the methodology and use of marginal emission rates
  - Concern about a standard 50:50 weighting across build and operating margin impacts
  - Concern about the credibility of marginal emission factors for specific claims, due to the current lack of consensus on a standardized calculation methodology

**Minority vote for “Yes, I support the proposal progressing to public consultation, but with concerns or suggestions” (4/11 members)**

## Scope 2 Consequential Subgroup Update

- The Independent Standards Board recognizes the importance of high-integrity consequential accounting methods for avoided emissions across all sectors and with its decision is seeking to build on the work already conducted within the Scope 2 TWG
- The ISB directed this work to continue within the Actions and Market Instruments TWG, which will enable the issue to be addressed in a cross-sector manner (as opposed to in isolation for just the electric sector under Scope 2)
- The ISB directed the Scope 2 Secretariat to include aspects of the MIM proposal in their October public consultation materials, which will then become an input into the AMI workstream
- The AMI TWG will continue work on accounting and reporting of GHG impacts of actions, including avoided emissions
- Continued need for sector-specific method development aligned with general AMI principles and approach

## **Electric Sector Consequential metrics: Plan for Scope 2 public consultation**

For avoided emissions and consequential accounting specific to the electric power sector, the following topics will be consulted on in the Scope 2 public consultation (October-December 2025) per the July ISB decision. The feedback will be provided to the AMI TWG.

1. Background information on consequential/project accounting concepts, avoided emissions quantification, and GHG Protocol's approach to ongoing development of this accounting method through the Actions and Market Instruments TWG
2. An avoided emissions formula: (MWhs procurement) x (Marginal Emission Rate) = Avoided Emissions impacts in tCO<sub>2</sub>e
3. Treatment of additionality
4. Marginal emission rates
5. Build and operating margin weighting approach

A close-up photograph of several dandelion seed heads against a soft, out-of-focus blue sky. Each seed head has a small, clear water droplet perched on its stem. The seeds are white and feathery, creating a delicate, airy texture. The overall mood is serene and clean.

# ***The Task Force for Corporate Action Transparency***

*Accelerating corporate climate action through increased  
transparency in accounting and reporting*

September 2025

## About the Task Force for Corporate Action Transparency (TCAT)

The Task Force for Corporate Action Transparency (TCAT) is **dedicated to strengthening the credibility of corporate climate action through transparent, verified, and third-party assured accounting and reporting guidance.**

In an evolving accountability landscape, **TCAT will serve as an independent and trusted source for technical guidance** for quantifying and reporting on measurable, transparent and verifiable corporate climate impact.





## **TCAT's goal is simple but critical**

Help companies take meaningful action and create lasting impact by addressing gaps in guidance that exist in today's climate standards, frameworks, and targets

# TCAT is publishing a pair of policy-neutral, actionable accounting and reporting guidance documents

## 1. Mitigation Action Accounting & Reporting Guidance (MAARG)

*Guidance on how to credibly and transparently account for a full range of corporate climate actions*

## 2. Target Accounting and Reporting Guidance (TARG)

*Guidance on how to transparently report progress towards targets and attainment of targets*

Taken together, these guidance documents:

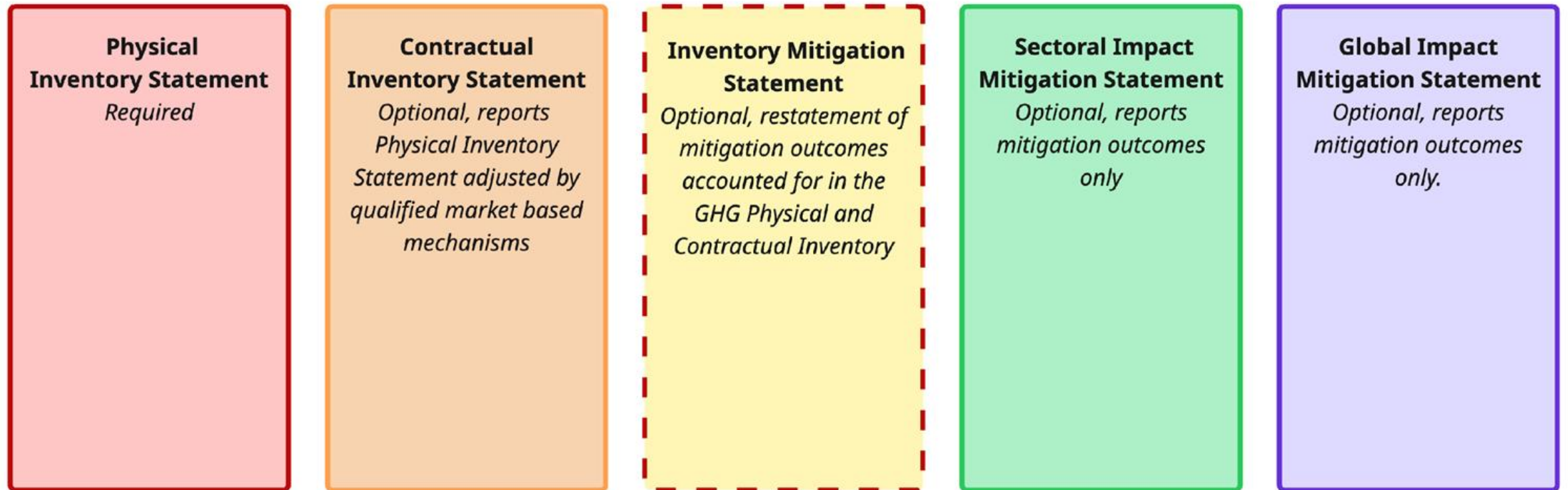
- **Address existing gaps** in the corporate accounting and reporting guidance landscape
- **Provide a comprehensive framework** to understand and track progress towards, and attainment of corporate climate targets
- **Enable third-party assurance**

*TCAT plans to launch with two guidance documents in September 2025, in coordination with NYCW*

# **#1 Mitigation Action Accounting and Reporting Guidance**



# Guidance is centered on a Multi-Statement Reporting Framework







# Mitigation Action Test

This series of tests **determines if a GHG-related activity results in a measurable, additional, verifiable, and attributable reduction or removal of greenhouse gases** from the atmosphere. This test distinguishes between :

**1.Inventory Adjustments:** Occur as a result of exogenous and internal changes not attributed to a reporting entity’s efforts, but that adjust inventory emissions

**2.Mitigation Actions:** result in measurable, verifiable, additional, and attributable atmospheric impact (e.g., mitigation outcome) and may or may not change the inventory

This test has been modeled and informed by existing “atmospheric benefit” and “additionality” and “attribution” tests developed for green markets and used extensively in carbon markets.

GHG-Related Activity	Mitigation Action	Inventory Adjustment
Results in Additional, Measurable, Verifiable, and Attributable <b>Impact on Global GHG Emissions</b>	Always 	Never 
Results in Adjustment or <b>Changes to GHG Inventory Emissions</b>	Sometimes 	Always 

# Multi-Statement Reporting Framework continued

Physical Inventory Statement	Contractual Inventory Statement	Inventory Mitigation Statement	Sectoral Impact Mitigation Statement	Global Impact Mitigation Statement
<p>The <b>company's official emissions total</b>, including Scope 1, 2, and 3 emissions.</p> <p><i>This statement is what's required for most existing reporting and disclosure.</i></p>	<p>A version of a company's <b>inventory statement</b> that includes <b>reductions and removals from qualified market-based instruments</b>.</p>	<p>A summary of the <b>mitigation outcomes that were reported in the physical and/or contractual inventory</b>.</p> <p><i>This statement helps distinguish true climate benefits from accounting-only changes and provides visibility into the important actions companies take to reduce their inventory emissions.</i></p>	<p>A <b>summary of qualified mitigation outcomes that are aligned to a company's emitting activities</b> (e.g., "like for like").</p>	<p>A <b>summary of qualified mitigation outcomes that impact global GHG emissions</b> but are not tied to the company's emitting activities.</p>

# Two Accounting Methods to Support Expanded Accounting and Reporting

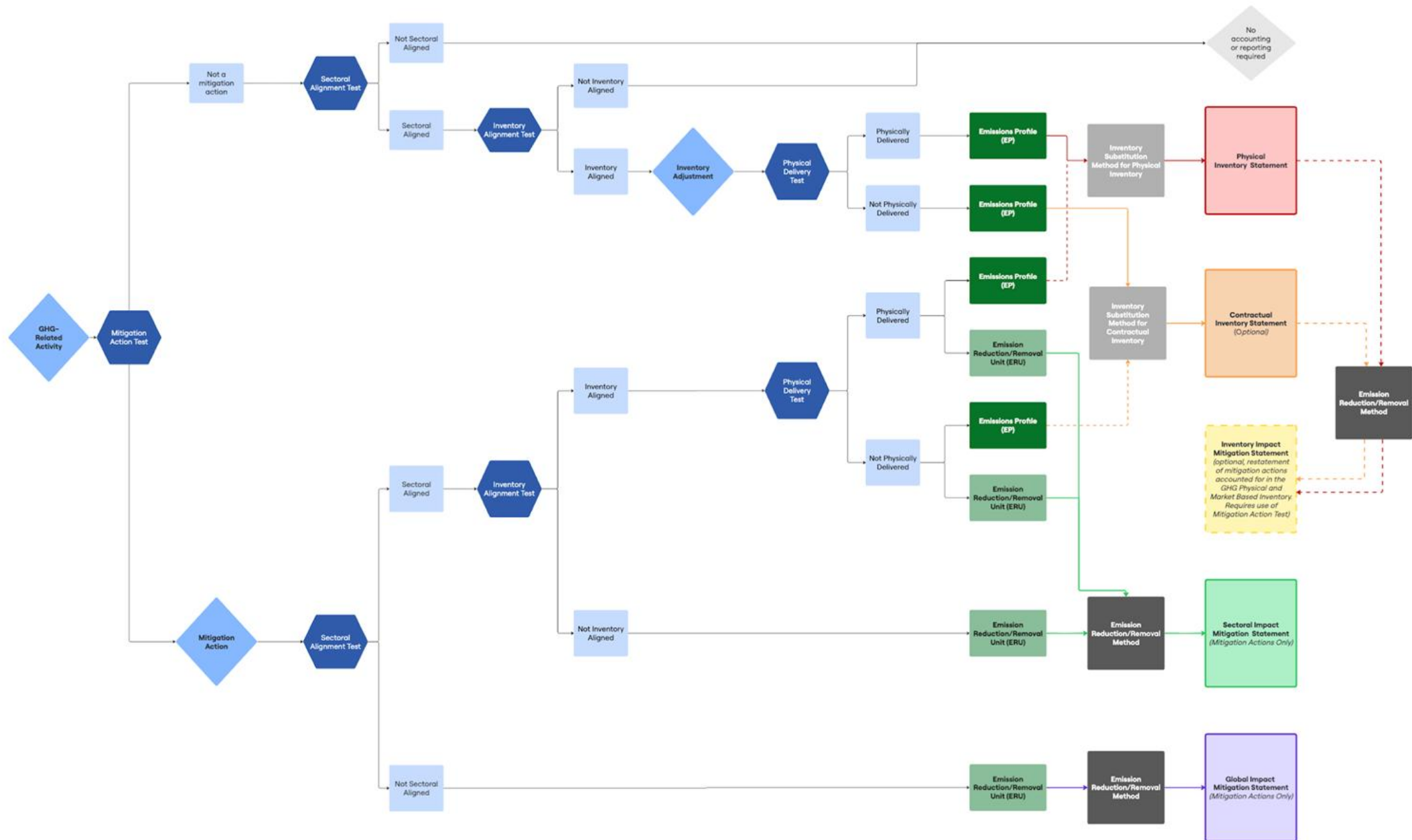
To support the multi-statement reporting template, the guidance introduces **two methods** for calculating the impact of activities. Within the guidance, each method includes **clear eligibility requirements and step-by-step formulas** to support consistent application across use cases.

Method	Inventory Substitution Method	Emission Reduction/Removal Method
Acct. Type	Attributional Accounting	Consequential Accounting
Description	Supports <b>substitution of inventory emissions factors</b> with those reflecting lower-carbon alternatives	<b>Quantifies the change in emissions</b> to the atmosphere resulting from a specific mitigation action, based on a <b>comparison to a defined baseline</b>
Reporting Statements	Support reporting in <b>Physical Inventory</b> and <b>Contractual Inventory</b> Statements	Supports reporting in the <b>Inventory, Sectoral, and Global Impact</b> Mitigation Statements

# Clearly categorizing GHG-related activities

To determine which statement and accounting method is appropriate, the guidance provides a test and examples to help practitioners objectively categorize activities according to the following five questions:

- 1 Does the activity result in an **additional, measurable, verifiable, and attributable reduction or removal** of GHG emissions (a mitigation outcome), or only affect how emissions are reported (an inventory adjustment)?
- 2 Can the activity's data be **integrated into the company's inventory** based on timing, method, and unit compatibility (inventory aligned)?
- 3 Is the GHG-related **activity physically or economically linked and/or perform the same function as, or serve as a direct input to an emitting activity** in the company's inventory (sectoral impact) or if not, does it result in a change to global GHG emissions (global impact)?
- 4 Was the emissions impact of the activity **delivered along with a product, good, or service** (physically delivered), or delivered separately (not physically delivered)?
- 5 Is the outcome of the activity **expressed as emissions directly attributed to a reporting entity** (emission profile) or as **quantified impact relative to a measured or estimated baseline** scenario (emission reduction/removal unit)?



**Note:** Guidance allows for converting any Mitigation Action EP to an ERU and using the Emission Reduction/Removal Method and thus the Value Chain associated and Global Impact Mitigation Statements

# **#2 Target Accounting and Reporting Guidance**

## **Purpose of the Target Accounting and Reporting Guidance (TARG)**

**Provide “policy neutral” guidance** in setting, making progress toward, attaining, and reporting corporate climate action (**does not cover eligibility requirements** for specific targets)

**Enable better corporate climate target comparability** by providing clear, transparent, and consistent reporting templates for range of target types

**Build on work of Mitigation Action Accounting and Reporting Guidance (MAARG)**



The **TARG** is built around the five core reporting elements of the Target Accounting and Reporting Framework, each serving a distinct purpose:

Target Commitment Report	GHG Emissions Inventory Report	Mitigation Action Report	Target Accounting Report	Target Attainment Report
<b>Documents the company’s climate target</b> , including its type, expression, scope, boundaries, timeframe, and key assumptions	<b>Establishes the base year emissions</b> using recognized inventory standards	Uses a multi-statement reporting template to <b>disclose all GHG-related activities</b> implemented over a select reporting period	<b>Consolidates eligible emissions and mitigation data</b> from the previous two reports, to <b>track progress over time</b> against the target.	Summarizes activity from the full target period and provides <b>third-party verifiable evidence that the target has been met.</b>

# The TARG provides reporting templates that will be digitized once finalized

Examples are illustrative only, not comprehensive or finalized

### Target Commitment Report

To be created for each target company controls to

Target Name	E.g., Net-Zero Operations by 2040	
Target Type	Target Impact	Choose either budget based or emission reduction
	Target Expression	Choose either absolute or intensity
	Impact Time Series	Choose either single year or multi year If multi year, select either linear or non-linear
	Target Metrics	E.g., Total tCO <sub>2</sub> e per unit of production/revenue/TE
	Why Target Types Were Chosen	Provide reasoning tied to operational performance, competitiveness, or growth
Target Base Year	Target Base Year	E.g., 2022
	Calculation Methodology	E.g., Aligned with the GHG Protocol or ISO 14064
	Recalculation Policy	E.g., The base year will be recalculated if there are significant structural
	Why Base Year Was Chosen	E.g., This year was selected due to data availability, operational stability, and
Target Time Frame	Target Attainment Year	E.g., 2030, 2040, 2050
Target Boundaries	Organizational Boundary Approach Selected	E.g., equity share, operational control, financial control
	Organizational Boundary Description	Describe how you selected organizational boundaries and applied them (e.g., based
	Entities Included	List or describe the subsidiaries, business units, or joint ventures included
	Consistency Statement	E.g., "The selected boundary approach will be applied consistently year over year."
	Operational Boundary	1) Scope 1 – Direct emissions 2) Scope 2 – Indirect electricity emissions 3) Scope 3 – Value chain emissions
	Scope 3 Materiality Statement (if applicable)	E.g., Scope 3 emissions represent approximately 60% of our total emissions.
	GHGs Covered	1) CO <sub>2</sub> 2) CH <sub>4</sub> 3) N <sub>2</sub> O 4) HFCs 5) PFCs 6) SF <sub>6</sub> 7) NF <sub>3</sub>
	Sector-Specific Relevance Notes (if any)	E.g., Certain gases were prioritized/excluded based on their relevance to our
	Quantified Emission Reduction or Budget	Reporting Period
	Interim Milestones	Reporting Period
Methodologies	Additional Information	(Add additional reporting periods as necessary)
	Methodologies or standards used for calculating	Additional information explaining how target ambition and milestones were
	Standards or criteria used for determining	
	Data sources used	E.g., IPCC AR5, DEFRA, EPA
Reporting Protocol	Progress Tracking Method	Describe tools or systems used for emissions data collection, validation, and
	Progress accounting frequency	E.g., Quarterly, Annually, Biennially, Other
	Public reporting frequency	E.g., Annually, Biennially, Other
	Verification Status	E.g., 3rd party verified, internally audited, Other
Governance	Verifier (if 3rd party)	E.g., Sustainability/ESG Report, Company website, other
	Disclosure Platforms	E.g., ESG Team, Sustainability Office, Operations, Finance
	Responsible Departments/Teams	E.g., Chief Sustainability Officer, CFO
	Executive Sponsor	E.g., Chief Sustainability Officer, CFO
Other	Board Oversight	Yes/No – describe how the board or a relevant committee is involved
	Additional information	E.g., Business growth rate assumptions, Energy mix or decarbonization scenarios, Technology adoption or offsets, Supplier engagement expectations (for Scope 3)

### GHG Inventory Report (Base Year)

Base Year	Insert Base Year		
Calculation Methodology Used	Pull from Target Commitment Report		
Emission Factors Used	Pull from Target Commitment Report		
Boundaries	Pull from Target Commitment Report		
Scopes	Categories	GHG Inventory	GHG Inventory Market
Direct, Operational Emissions (Scope 1)		(*)	(*)
Indirect, Operational Emissions (Scope 2)		(*)	(*)
(Scope 3)	Scope 3 (sum of subcategories)	(*)	(*)
	Scope 3 Category 1	(*)	(*)
	Scope 3 Category 2	(*)	(*)
	Scope 3 Category 3	(*)	(*)
	Scope 3 Category 4	(*)	(*)
	Scope 3 Category 5	(*)	(*)
	Scope 3 Category 6	(*)	(*)
	Scope 3 Category 7	(*)	(*)
	Scope 3 Category 8	(*)	(*)
	Scope 3 Category 9	(*)	(*)
	Scope 3 Category 10	(*)	(*)
	Scope 3 Category 11	(*)	(*)
	Scope 3 Category 12	(*)	(*)
	Scope 3 Category 13	(*)	(*)
Summarized Results		Location Based Sum	Market Based Sum

### Mitigation Action Report

Only report actual outcomes

Reporting Period	Details of the activity/technology
Location Based or Market Based Physical GHG Inventory	Location Based or Market Based
Inventory Methodology	Pulled from Target Commitment Report
Target Progress Methodology or Standard for Mitigation Action	Pulled from Target Commitment Report
Associated Purchase Tables	See Pull from Target Commitment Report

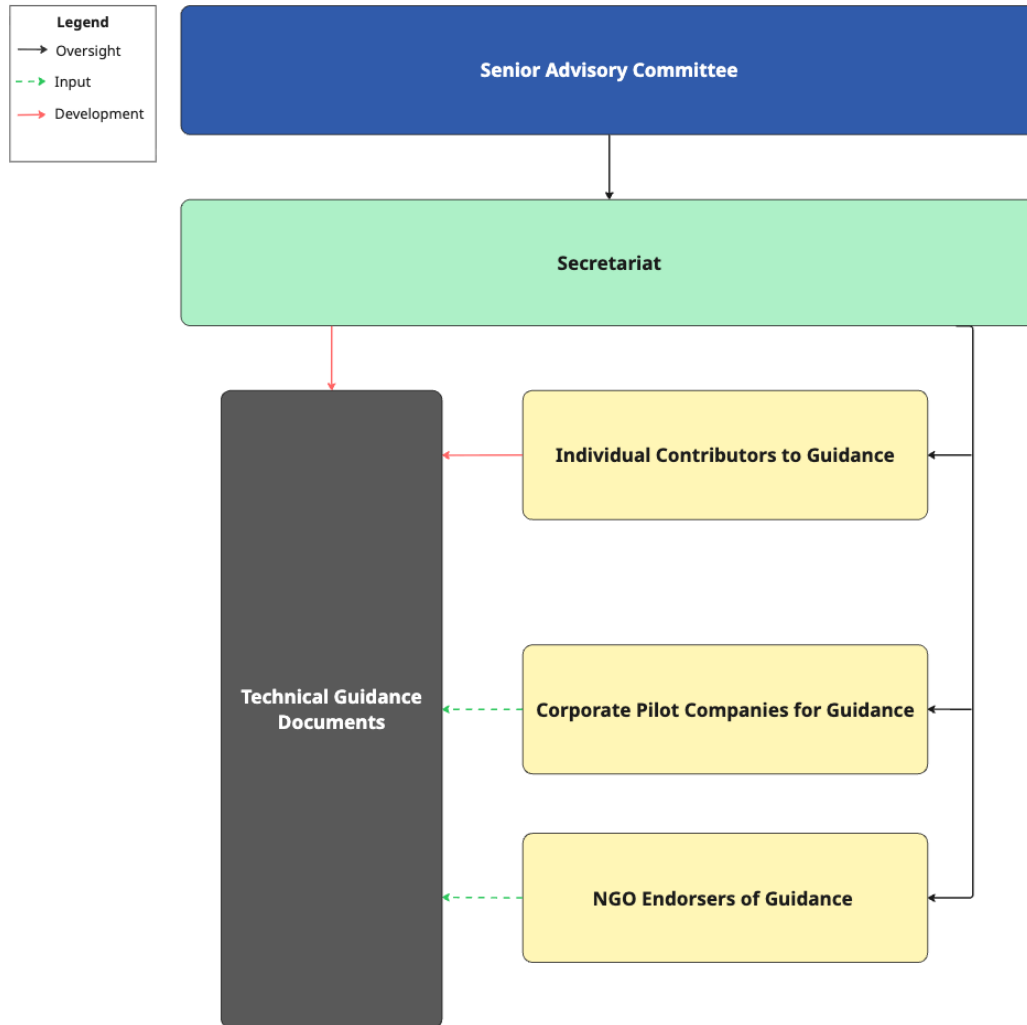
Scope	Category	Physical GHG Inventory	Physical GHG Inventory	Market Based Mitigation	Value Chain Associated Market	Global Impact Market Based
Direct, Operational Emissions (Scope 1)		(*)	(*)	(*)	(*)	(*)
Indirect, Operational Emissions (Scope 2)		(*)	(*)	(*)	(*)	(*)
Value Chain Associated Emissions (Scope 3)		(*)	(*)	(*)	(*)	(*)
Category 1		(*)	(*)	(*)	(*)	(*)
Category 2		(*)	(*)	(*)	(*)	(*)
Category 3		(*)	(*)	(*)	(*)	(*)
Category 4		(*)	(*)	(*)	(*)	(*)
Category 5		(*)	(*)	(*)	(*)	(*)
Category 6		(*)	(*)	(*)	(*)	(*)
Category 7		(*)	(*)	(*)	(*)	(*)
Category 8		(*)	(*)	(*)	(*)	(*)
Category 9		(*)	(*)	(*)	(*)	(*)
Category 10		(*)	(*)	(*)	(*)	(*)
Category 11		(*)	(*)	(*)	(*)	(*)
Category 12		(*)	(*)	(*)	(*)	(*)
Category 13		(*)	(*)	(*)	(*)	(*)
Net Value Chain Residual Mitigation		(*)	(*)	(*)	(*)	(*)
Summarized Results		Sum of Subcategory	Sum of Subcategory	Sum of Subcategory	Sum of Subcategory	Sum of Subcategory

Sum of Physical GHG Inventory (Location Based or Market Based, not both)  
Sum of Value Chain Residual Mitigation (Value Chain Associated Market Based Mitigation + Sum of Global Impact Market Based Mitigation) (only relevant categories)

### Target Accounting Report

Full Accounting Table				Summary of Accounting Information				Summary of Accounting Information				Summary of Accounting Information				Summary of Accounting Information			
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# TCAT Governance and Guidance Development



**Senior Advisory Committee:** Provides high-level oversight and strategic guidance to TCAT

**Secretariat:** Manages daily operations, leads stakeholder engagement, and drives development of technical guidance

**Individual Contributors to Guidance:** Directly involved in drafting or reviewing the technical guidance documents

**Corporate Pilot Companies for Guidance:** Pilot the guidance and provide practical feedback

**NGO Endorsers of Guidance:** Lend organizational support and input to improve and promote the guidance

# THE AIM PLATFORM



An initiative jointly developed by



CENTER FOR CLIMATE  
AND ENERGY SOLUTIONS



**Gold Standard®**

# The Advanced and Indirect Mitigation (AIM) Platform is an initiative addressing overarching barriers to value chain decarbonization

Input to  
GHG Protocol and SBTi



## AIM Standard and Guidance

Comprised of two parts:

### Value Chain Association Test

- Assurable requirements and recommendations to enable companies to determine if an AMI is “associated” with its value chain
- Public consultation and pilot testing with 20+ companies concluded, assurance review completes, revision process underway

### Quality, Accounting and Reporting (QAR) Requirements

- Assurable requirements and recommendations that cover all sectors
- References existing standards, frameworks, etc. where possible to meet requirements
- **Public consultation and pilot testing with 20+ companies currently underway**

**Mission:** To support GHGp and SBTi revisions by providing auditable requirements and recommendations for companies seeking to invest in AMIs and report them towards a climate target

\*The AIM Standard and Guidance was developed specifically to address AMIs related to a company’s Scope 3 inventory but most of the concepts are adaptable to cover Scope 1 and 2 as well.



# AIM has convened an expert Governing Committee, with representation from civil society, standard setting bodies, and the private sector

## Governing Committee Members



Alexia Kelly

Managing Director  
High Tide Foundation



Andrew Chen

Principal  
Climate-Aligned Industries  
RMI



Arianna Baldo

Programme Director  
Roundtable on Sustainable  
Biomaterials (RSB)



Derik Broekhoff

Sustainability and Climate  
Expert Leader  
Stockholm Environment  
Institute (SEI)



Devon Lake

Head of Net Zero Strategy  
Meta



Jordan Faires

Manager, Net Zero  
Environmental Defense Fund  
(EDF)



Kerry Constabile

Director, Decarbonization Strategy  
Amazon



Kelley Kizzier

Director of Corporate  
Action and Markets  
Bezos Earth Fund (BEF)



Lisa Spetz

Treasury – Green investments  
H&M Group



Peter Skovly

Head of Decarbonization  
Standards  
Maersk



Silvana Paniagua

VCI Director  
Sustaincert



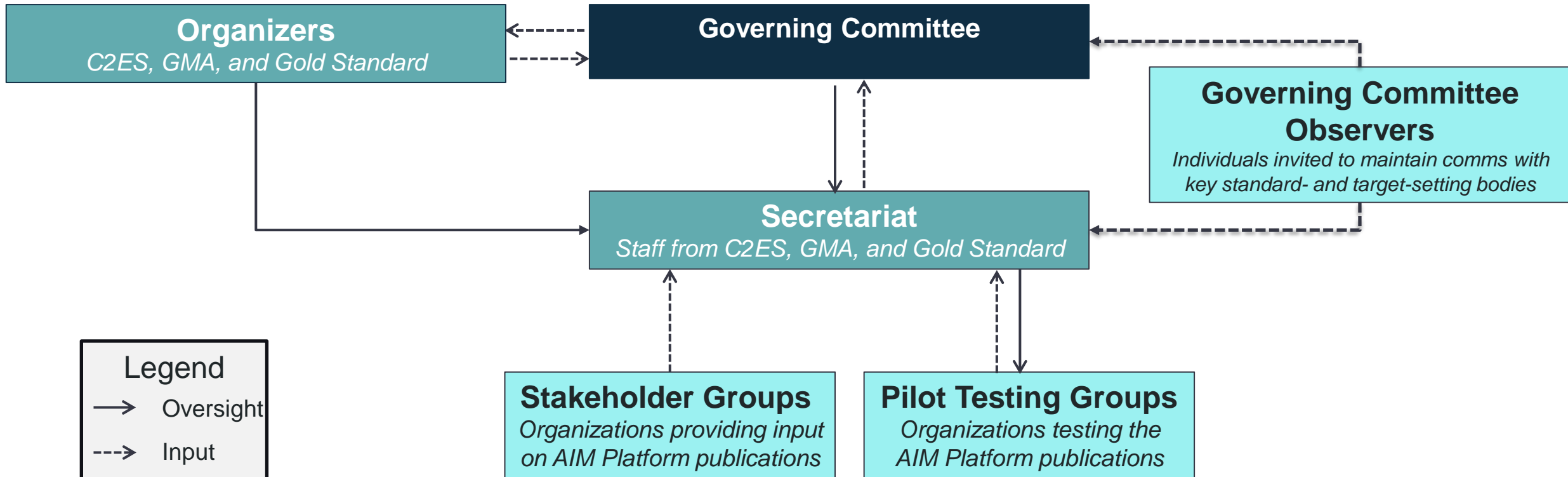
Tim Juliani

Director, US Corporate  
Climate Engagement  
WWF

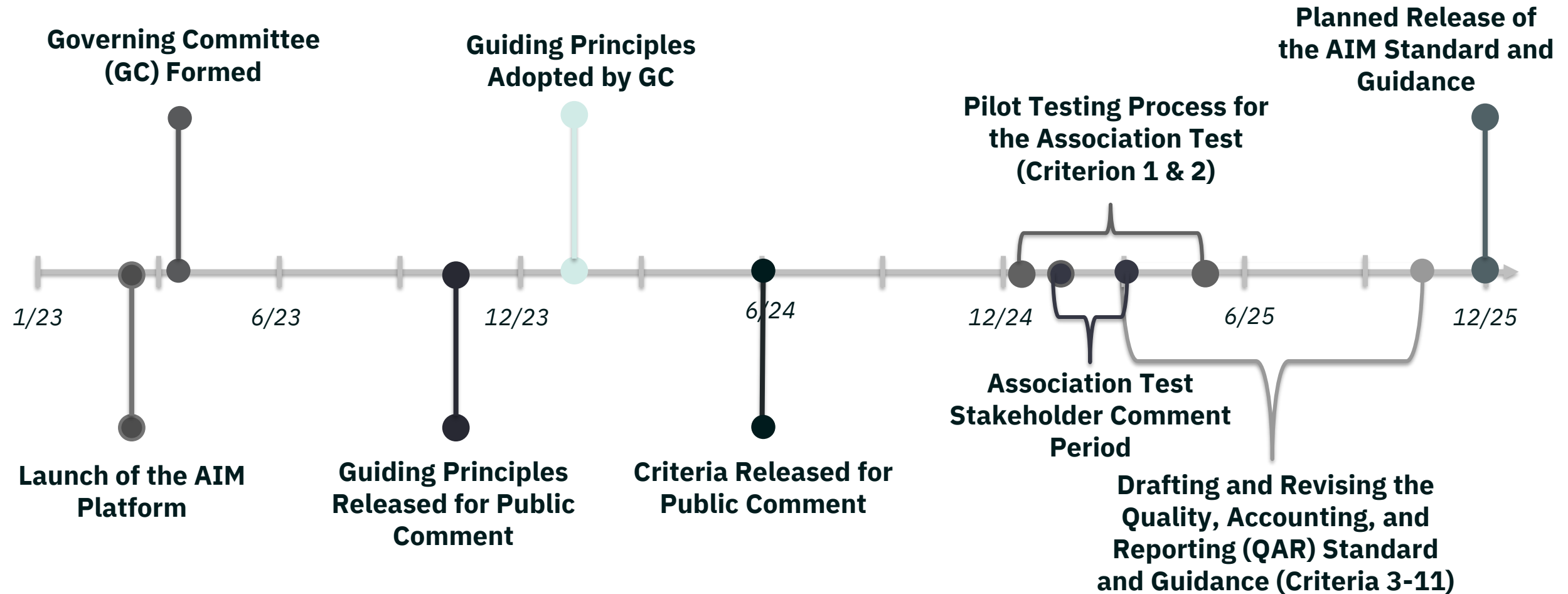
## Observer Organizations



# AIM Governance Structure:



# The AIM Platform, launched in 2023, aims to release the completed Standard and Guidance by the end of 2025








# Like AMI TWG, AIM's work started with a consideration of objectives...

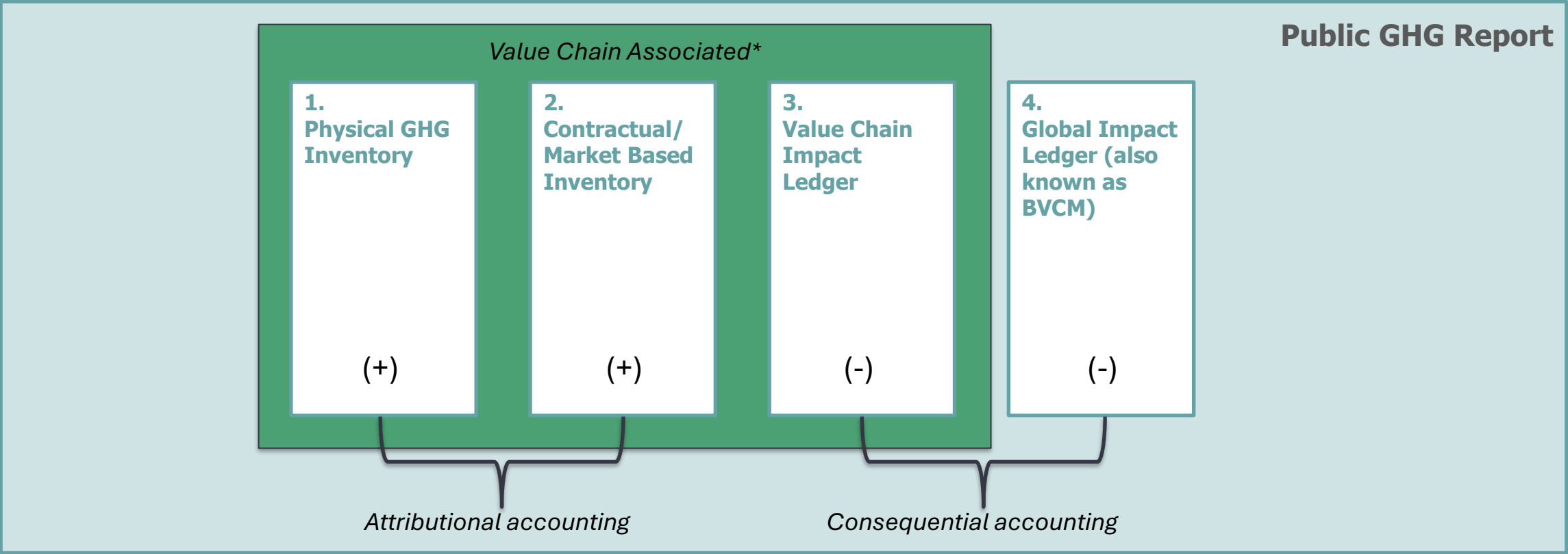
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## Example Objectives {Non-Comprehensive}

-  Maintain a **physical inventory** unadjusted by market instruments
-  **Demonstrate progress towards a variety of climate targets**, which might require:
  - Reporting on market instruments and other mitigation outcomes not currently reflected in GHG Protocol aligned reports
  - Ensuring reporting can differentiate between mitigation that is “value chain associated” and “global impact/BVCM”
  - Ensuring reporting can differentiate between results expressed in attributional and consequential accounting methods
-  **Communicate detailed information on AMIs and their outcomes** to transparently disclose that basic criteria regarding quality, accounting and reporting are met (likely through appendices to the ledgers)

**... and quickly turned towards framework proposals for a multi-ledger reporting system.**

# The multi-ledger structure below reflects AIM Platform outputs and also captures points of commonality among many AMI framework proposals.



**Note:** The plus (+) and minus (-) signs indicate the net value of each statement. (+) includes all inventory emission sources, while (-) reflects only qualified reductions or removals, with no emissions included.

Statement 2 covers all physical inventory emissions but allows contractual substitutions. Residual physical emissions not covered contractually are included. Statements 3 and 4 are mutually exclusive from 1 and 2, avoiding double counting.

*\*Note: we use the term “value chain associated” in this deck as a generic term for AMIs across ledgers 1, 2, and 3 and across scopes 1, 2, and 3*

# If we align on the structure shown previously, 2 major questions remain.

---

## 1 What makes AMIs eligible to report at all?

To answer this question, the AIM Platform sets requirements and/or recommendations for:

- Demonstrating that the emission outcome resulted from the AMI implemented, not an inventory adjustment
- Establishing right to report (including guidance on allowable co-claiming)
- Temporal restrictions (e.g. on the time between mitigation occurrence and reporting)
- Verification
- Ensuring Accuracy
- Proving Additionality/Regulatory Surplus
- Following minimum information tracking/recording criteria
- Undertaking Stakeholder Engagement

If the AMI TWG output needs to cover bundled purchases, a test related to whether an AMI is bundled or unbundled may also be useful

## 2 What makes AMIs eligible to report in a particular ledger?

To answer this question, the AIM Platform tests an AMI for:

- Value chain association and
- Accounting method

# Determining whether an AMI is associated with value chain is a key step to determine whether it can be reported in ledgers 2 or 3

The approach to determining value chain association may differ by emissions scope. The AIM Platform has developed detailed requirements and recommendations for how to determine association for scope 3 AMIs which could be adapted for scope 1 and 2.

## Key Concepts for Value Chain Association (*all three are required by AIM*):

### Matching an AMI to an inventory (sub)component:

Companies may support any product or service through an AMI, but it is only value chain associated if it matches a (sub)component in their inventory.\*



If the output of an AMI is not matched to an inventory (sub)component, it can still be reported in Ledger 4 – Global Impacts/BVCM.

### Maximum volume of value chain associated AMI outputs:

Companies can invest any amount in an AMI, but it is only value chain associated up to the point where its output volume is less than or equal to the matched inventory (sub)component volume.\*



If an AMI's output exceeds a company's inventory, the excess amount may be reported in the GHG report in Ledger 4 – Global Impacts/BVCM.

### Further Association

Companies can invest any amount in an AMI, but it is only value chain associated if it meets the requirements of one of the further association methods.\*



If an AMI's output does not meet Further Association, the full amount may be reported in the GHG report in Ledger 4 – Global Impacts/BVCM.

\* More details to come on these concepts in the following slides

# Accounting method is also integral to determining in what ledger to report AMI outputs.

The AIM Platform has laid out the following three accounting approaches and their associated ledgers:

## Substitution

*Replace the emissions profile of a (sub)component in a company's emission report with the emission profile of an AMI that is matched to that (sub)component*

**Best used** when the AMI is very similar to the inventory (sub)component.  
For example, a concrete EAC with the same PSI and mix type

Reported in Ledger 2 – Contractual Inventory

## Enhanced Substitution

*As with substitution, replace the emissions profile of a (sub)component with the emission profile of an AMI. However, calculate the AMI profile semi-consequentially – the AMI's reduction per unit of activity compared to a representative baseline*

**Best used** when sourcing an AMI that closely matches the (sub)component is not possible.  
For example, a concrete EAC with a different PSI and mix type

Reported in Ledger 2 – Contractual Inventory

## Project Accounting

*Follow consequential accounting practices described in the GHG Protocol Project Accounting Standard and ISO Standard 14064-2*

**Best used** for non-product interventions

Reported in Ledger 3 – Value Chain Impact Ledger, or Ledger 4 - BVCM

# **The AIM Platform turned the generic criteria below into detailed requirements – determining which AMIs may be reported in any ledger.**

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## **The AIM Platform sets requirements and/or recommendations for:**

- Demonstrating that the emission outcome resulted from the AMI implemented, not an inventory adjustment
- Establishing right to report (including guidance on allowable co-claiming)
- Temporal restrictions (e.g. on the time between mitigation occurrence and reporting)
- Verification
- Ensuring Accuracy
- Proving Additionality/Regulatory Surplus
- Following minimum information tracking/recording criteria
- Undertaking Stakeholder Engagement

***The full draft AIM requirements and recommendations are shown on the next slide and are currently being piloted by over 20 global companies.***

# Draft AIM Platform Quality, Accounting and Reporting Requirements & Recommendations

## Intervention Quality

- 1 Assure Outcomes and Other Impacts:** Interventions shall undergo regular third-party assessment to appropriate standards or methodologies by an auditor to independently verify their emissions outcomes and other impacts.
- 2 Accurate Emissions Outcome:** The outcomes of interventions shall be calculated correctly and shall be found to result from the specific implemented technology and/or process change according to an appropriate standard or methodology.
- 3 Stakeholder Engagement and Social & Environmental Safeguards:** Intervention hosts shall apply sound stakeholder engagement and social and environmental safeguards to ensure the integrity of intervention outcomes.
- 4 Regulatory Surplus:** Intervention outcomes that are derived from a physical product, shall represent a surplus of emissions required by laws meeting certain conditions.
- 5 System of Record:** Intervention outcomes shall be recorded in a system of record that meets basic requirements. If a system of record is not available, that system shall be established as soon as possible after record creation.
- 6 Intervention Record Information:** Accurate and complete details of the intervention shall be conveyed transparently in an intervention record.
- 7 Record Creation Timing:** Intervention outcomes shall occur prior to the creation of their record in the system of record. Intervention outcomes should be recorded in a system of record within 24 months of the first intervention outcome occurrence. Where specific intervention outcome timing is not recorded or known, intervention outcomes should be recorded in a system of record within 24 months of the intervention's occurrence. If doing so is not possible, the circumstances that prevent adherence to this recommendation shall be transparently disclosed in a public emissions report. For interventions that are one-time actions that generate ongoing outcomes, companies shall establish a crediting period according to the following requirements.

## Accounting & Reporting

- 8 Value Chain Association Limit:** When reporting intervention outcomes in relation to a physical inventory, companies shall ensure that the volume of outcomes applied to their respective (sub)components does not exceed the size of those (sub)components within their current value chain.
- 9 Removals and Avoided Emissions Accounting:** For product-based interventions: With the exception of removals accounted for separately, a company shall not account for an emissions profile [intervention outcome] below an emissions intensity of 0 units of CO2e per unit. For project-based interventions: With the exception of removals accounted for separately, a company shall not account for an amount of intervention emission reductions greater than the project baseline emissions. Removals and avoided emissions shall only be accounted for within an intervention outcome if certain conditions are met.
  - 10 Companies shall implement one of the following approaches to calculating the footprint of an intervention outcome: 1) Enhanced Substitution 2) Enhanced Substitution 3) Activity Estimation 4) Project 5) Activity Estimation
  - 11 Companies shall demonstrate a unique right to report the intervention outcome in their GHG emissions inventory and a legally binding agreement with the intervention host.
  - 12 Value chain layers (one company per layer) may co-claim intervention outcomes. An intervention outcome would typically be reported in each of the value chain layers. For project-based interventions, a reporting entity other than an intervention host may claim an intervention outcome in another value chain layer unless explicitly permitted to do so by the intervention host.
  - 13 Companies shall report intervention outcomes as soon as possible after record creation.
  - 14 Companies shall report intervention outcomes in their GHG emissions inventory separately from any reporting of intervention outcomes. Companies shall report intervention outcomes with reference to specific emissions scopes and categories, segmented by intervention type, and in mutually exclusive ledgers.
  - 15-16 **Transparent Disclosure for Scope 3 Claimant:** Companies shall supplement their comprehensive scope 3 GHG emission inventory with: a list of interventions accounted for in the inventory; the GHG inventory (sub)component associated with each intervention; the accounting approach applied in calculating the emission profile of the intervention. Companies should also report supplemental intervention details, where relevant.
  - 15-16 **Transparent Disclosure For Host:** Companies shall contractually require intervention hosts to disclose emissions information according to the following conditions in order to avoid erroneous double claiming of intervention outcomes.
  - 16 **Assurance to AIM Platform Standard and Guidance:** Companies should secure third party assurance that they meet the requirements in this document as well as the Association Test in order to claim intervention outcomes in their GHG emissions reporting. Assurance should be at least to a limited level, but reasonable assurance is encouraged.

Public consultation currently underway. To review and comment, please visit [AIMPlatform.org](https://AIMPlatform.org).

# The AIM Platform also requires and recommends the following supplementary Information Disclosures

Reporting entities must supplement their multi-ledger report with, at minimum:

- 1 A list of interventions included
- 2 The GHG inventory (sub)component associated with each intervention.
- 3 The accounting approach applied in calculating the emissions outcomes from the intervention.

In addition to that minimum information, the AIM Platform recommends that supplemental intervention details, where relevant, also be reported:

TABLE 3: SUPPLEMENTAL INTERVENTION DETAILS TO BE REPORTED

Quantities	Intervention Details	Intervention Record Details	Accounting Approach
Product or service quantity, if product-based intervention	Name	System of record (e.g. registry name)	Inventory (sub)component
	Description	Intervention/unit ID	
Addressable quantity of value chain activity, if applicable for project-based interventions	Location	Proof of retirement	
	Technology and/or process type	Standard or Methodology (multiple if applicable)	Accounting method
Emissions outcomes (CO <sub>2</sub> e)	Commercial operation year		
	Vintage(s)	Auditor(s)	



# Agenda

- Housekeeping (10 min)
- Workstream Updates (45 min)
- Related Initiatives (60 min)
- **Next Steps (5 mins)**



WORLD  
RESOURCES  
INSTITUTE



## Next Steps

### Asks for TWG Members

- Review the draft white paper (expected to be circulated September 24) in advance of the next meeting
- Feedback form to be provided

### Next Meeting Dates

- **TWG meeting # 1.09**
  - Wednesday, October 8th

# Thank you!

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