



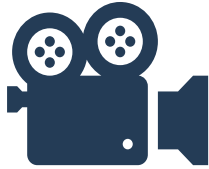
SCIENCE BASED TARGETS NETWORK
GLOBAL COMMONS ALLIANCE

SBTN LAND

Version 2 Public Consultation

7TH MAY 2025

HOUSEKEEPING NOTES



Recording

This webinar will be recorded and shared. Feel free to share it with colleagues!



Q&A

Use the Q&A button at the bottom of your screen to ask questions throughout the webinar.



SBTN INTRODUCTION



Varsha Vijay
Technical Director
Science Based Targets Network (SBTN)



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AN **INTEGRATED** APPROACH TO NATURE ACTION

5 key action areas



Reducing
carbon
emissions



Preserving
freshwater
resources and
water security



Supporting
biodiversity
and ecosystem
services



Preserving and
regenerating
land systems

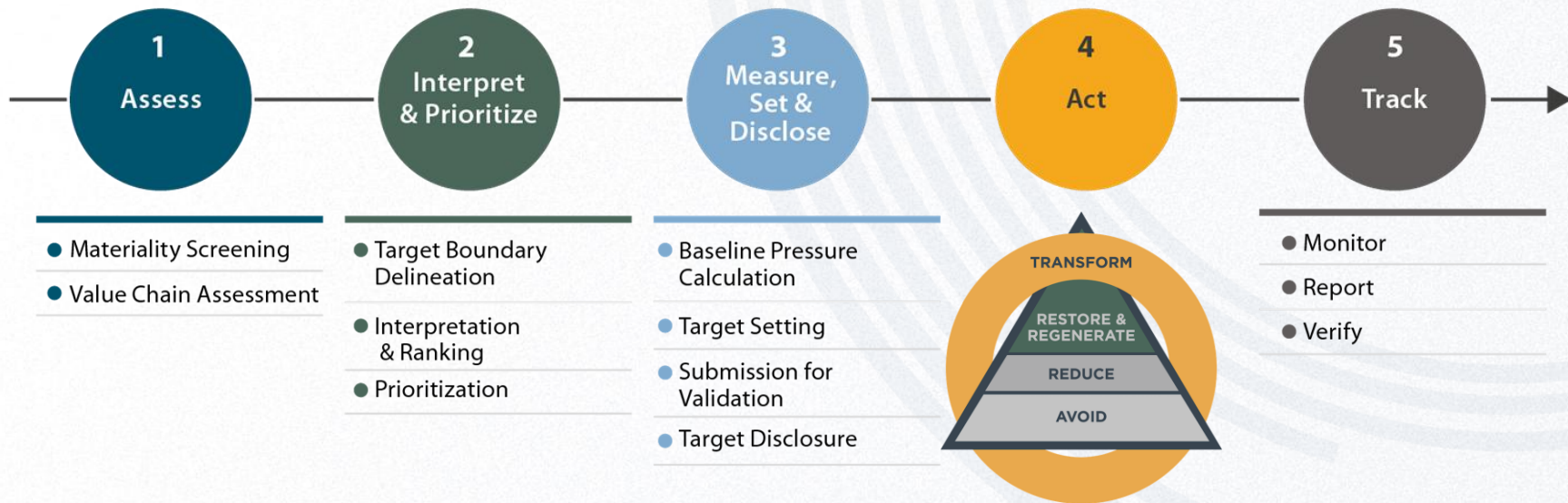


Securing
healthy,
diverse oceans

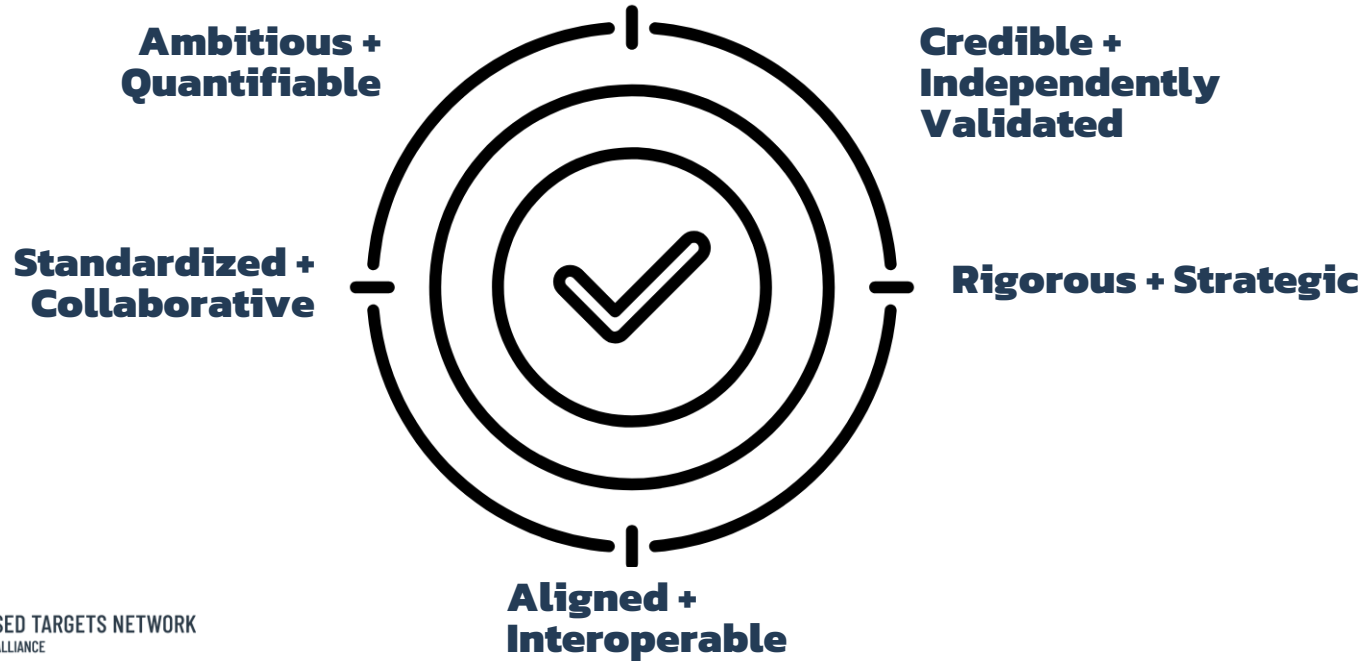


SBTN enables companies to
take **enough** of the **right**
actions in the **right places** at
the **right time** to do their part to
halt and reverse nature loss by
2030

SBTN'S 5-STEP APPROACH TAKES COMPANIES THROUGH TARGET SETTING



HOW **SCIENCE BASED TARGETS** CAN STRENGTHEN CORPORATE ACTION



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FEASIBILITY IN ACTION: PRACTICAL WAYS TO ENGAGE WITH TARGET SETTING

Start where you're ready

Focus on high-impact or well-prepared business units

Get your materiality assessment validated with no time-bound target requirement

Narrow the scope

Set targets in one issue area (e.g. ocean, land or freshwater)

Begin with a basin-level freshwater target—for example, addressing water use in a single high-risk basin

Prioritize what matters most

Limit assessments to the most material impacts

Act where you already have traceability, while working to expand it



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Explore all our feasibility pathways



WHY LAND TARGETS MATTER

- Apply a credible, science-based approach to improving land impacts where it matters most
- Safeguard operations and supply chain resilience by mitigating systemic risks
- Connect climate and nature action

Companies can take credible action now with Version 1 of the land targets.



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SBTN LAND VERSION 2



Alex Zvoleff
Land Hub Co-Lead, Vice
President, Conservation
International

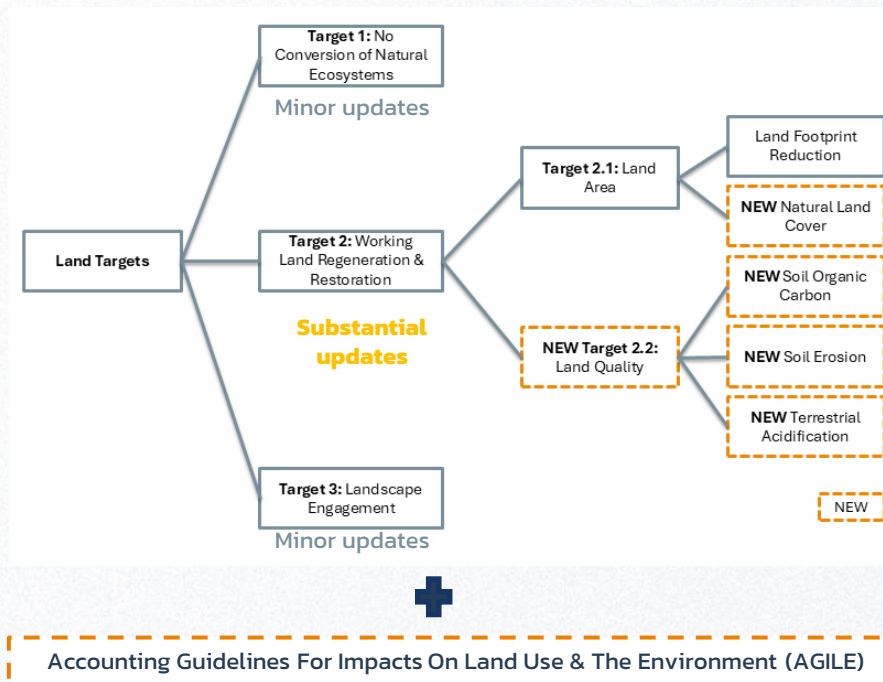


Craig Beatty
Land Hub Co-Lead,
Manager, Forest Strategy
& Research, WWF

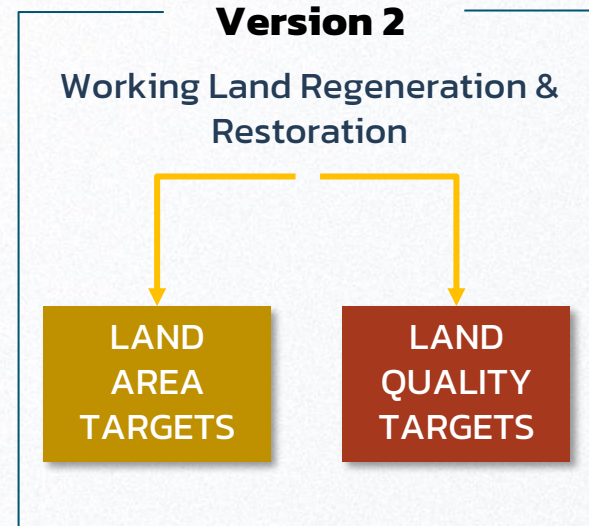
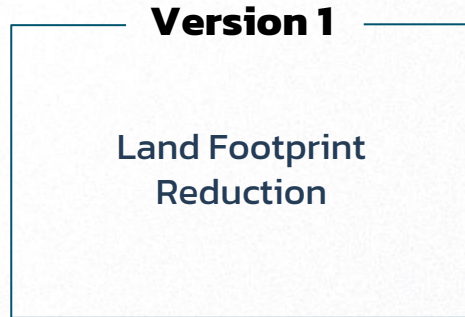
Land Targets | Version 1 to Version 2

Proposed changes

- **New science to guide action:** This includes the use of thresholds and assessment factors to enable companies to better understand the ecological limits in each landscape they operate in or source from. And support more targeted and effective action, focusing efforts where interventions are most needed.
- **New Accounting Guidelines (AGILE)** to accompany V2 methods. To provide accounting and calculation methods that will enable companies to **understand and measure** important components of their land impacts
- **Improved flexibility for companies:** V2 includes more flexible implementation options
- Flexible approaches to improving land outcomes (Land Area & Land Quality)
- **No Conversion Target Dates** – new guidance for post 2025 target dates



Target 2 updates | Working Land Regeneration and Restoration

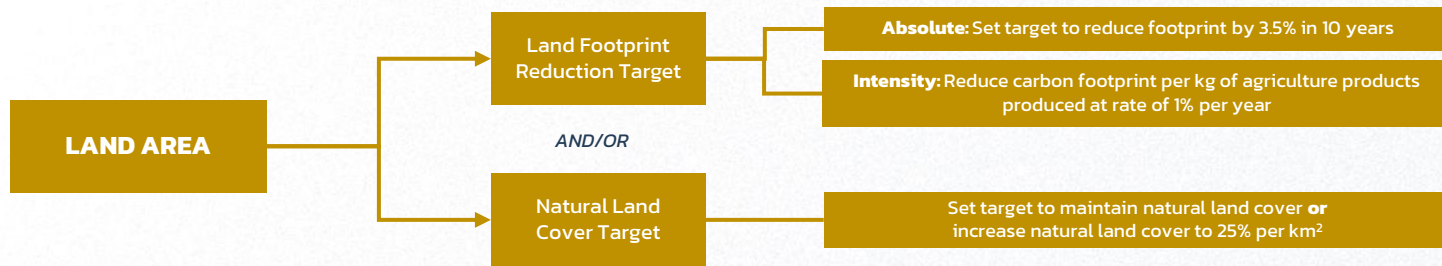


Focus on Direct Operations

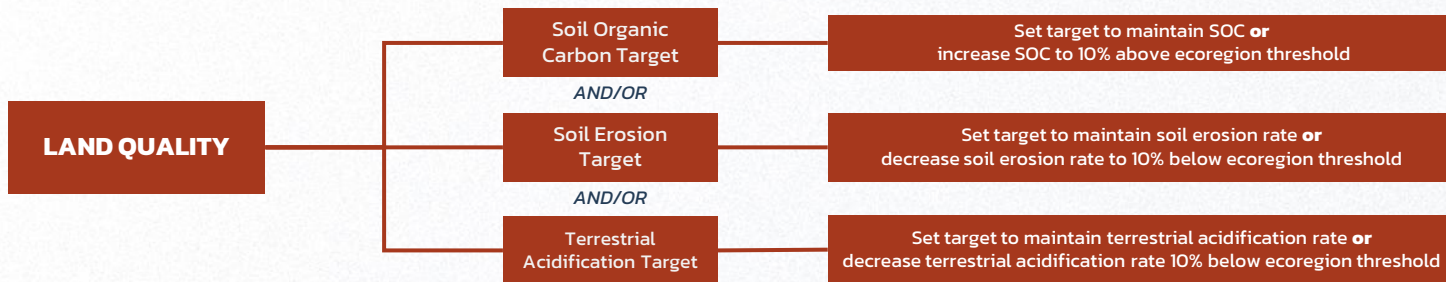


Target 2 updates | Working Land Regeneration & Restoration

Companies that have a **material link to agriculture** (i.e., produce or source agricultural products) can choose to set a Land Footprint Reduction target **and/or** a Natural Land Cover target



Other companies will set a Natural Land Cover target only.



ECOREGION THRESHOLDS

**GUIDING TARGET AMBITION TO
MANAGE AND RESTORE
ECOREGION STABILITY**



Jordan Rogan, Senior Manager,
Conservation Science and
Ecosystem Resilience at
Conservation International



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Ecoregion Thresholds

What are thresholds & why are they important?

- **Defining what nature needs** on a place-based level is a critical question we aimed to answer through identification of ecological thresholds for land both in terms of avoiding further ecosystem degradation and loss, as well as defining how much is enough in terms of the restoration actions needed to support the system in returning to a stable state.
- **An ecological threshold** is considered here as the point in an ecosystem quality, property, phenomenon, or environmental driver where an often abrupt, and non-linear decline in the corresponding ecosystem state is detected.

How are thresholds integrated into Target 2?

Three land quality categories have been added to Target 2 – Working Land Regeneration and Restoration for which ecoregion thresholds have been derived :

- Soil Organic Carbon
- Soil Erosion
- Terrestrial acidification

- Thresholds are intended to serve as a **safeguard to describe the point at which an ecoregion may be in danger of significant loss of stability** and normal functioning if the threshold is exceeded. **Thresholds serve to inform the level of ambition of the Land Targets** in terms of the restoration and regenerative action that may be needed to maintain stability in an ecoregion or restore it back to a higher zone of stability.
- Companies that are required to set targets under **Target 2: Land Quality** will use thresholds to guide the ambition of the targets they set for each land quality category. Targets are set at a 10% safe distance from ecoregion thresholds.



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SBTN Land Hub's work on ecoregion thresholds is led by Conservation International in collaboration with experts in the Crowther Lab at ETH Zürich and the Complutense University of Madrid, with support from the University of Washington

LAND ENVIRONMENTAL ASSESSMENT FACTORS

LINKING CORPORATE
ACTIVITY TO ECOREGION
THRESHOLDS



Cristóbal Loyola
Manager Forests Strategy
& Research at WWF

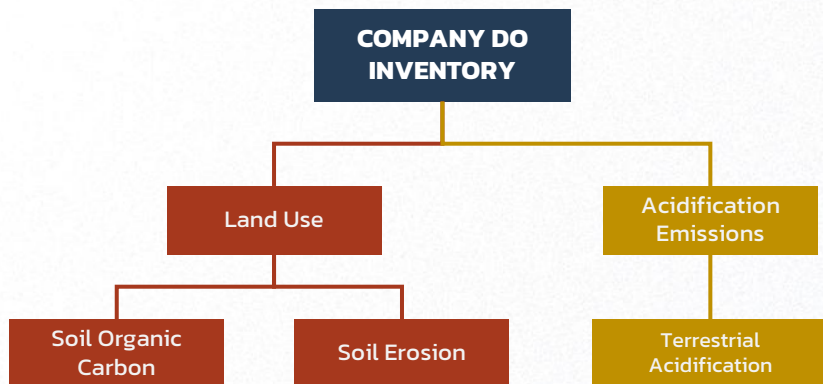


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Land Environmental Assessment Factors

How are LEAFs used within Target 2?

Three land quality categories have been added to Target 2 – Working Land Regeneration and Restoration:



- Companies that need to set Target 2 can use LEAFs to estimate their contribution towards each impact category

How were LEAFs developed?

- Land Environmental Assessment Factors (LEAFs)** are numerical factors that help translate companies' activities, into different soil quality indicators, using air emissions and land uses collected for the company inventory.
- LEAFs represent the estimated state of a specific land quality indicator**, for each of the relevant inventory data points for SOC, Soil Erosion, and terrestrial acidification.
- They are based on **life cycle assessment characterization factors (CFs)**, which are calculated through characterization models, having been adapted to work with ecoregional thresholds.



TARGETS 1 & 3



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Target 1 & 3 updates | No Conversion of Natural Ecosystems & Landscape Engagement

Target 1

- The core target objective and methods remain unchanged from version 1
- The most notable updates have been made to the guidance and expectations for corporates **setting target dates to achieve no conversion and deforestation** across the value chain. Companies that cannot meet a deadline of no conversion by 2025 may now identify and commit to a later target date within a defined window.
- Preliminary guidance is also provided on recommendations for reporting and disclosure on progress to meet no conversion target dates.
- Update of remediation requirements to recommendations



Target 3

- The core target objective and methods remain unchanged from version 1
- Minor updates made to include a recommendation to include information provided by **ecoregional thresholds** as part of consideration criteria for landscape and initiative selection. Other minor updates to language to reflect updates since v1.
- Stronger connection to Target 2 – Landscape Engagement as a response option for upstream activities for land quality targets



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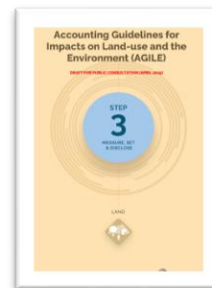


ACCOUNTING GUIDELINES (AGILE)



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INTRODUCING THE ACCOUNTING GUIDELINES FOR IMPACTS ON LAND USE AND THE ENVIRONMENT (AGILE)



Objectives

- To provide accounting and calculation methods that will enable companies to **understand and measure** important components of their land impacts.
- Within the context of SBTN's Land Targets, the guidelines support the **development of baselines and measurement of footprints** for each target.

Relationship with other standards & guidance

- The guidelines align with- and reference existing guidance from the GHG Protocol Land Sector and Removals Guidance (draft), Accountability Framework initiative guidance and others.
- The rationale for this alignment is to provide **consistency in approaches and to reduce unnecessary burden** for companies using the AGILE.

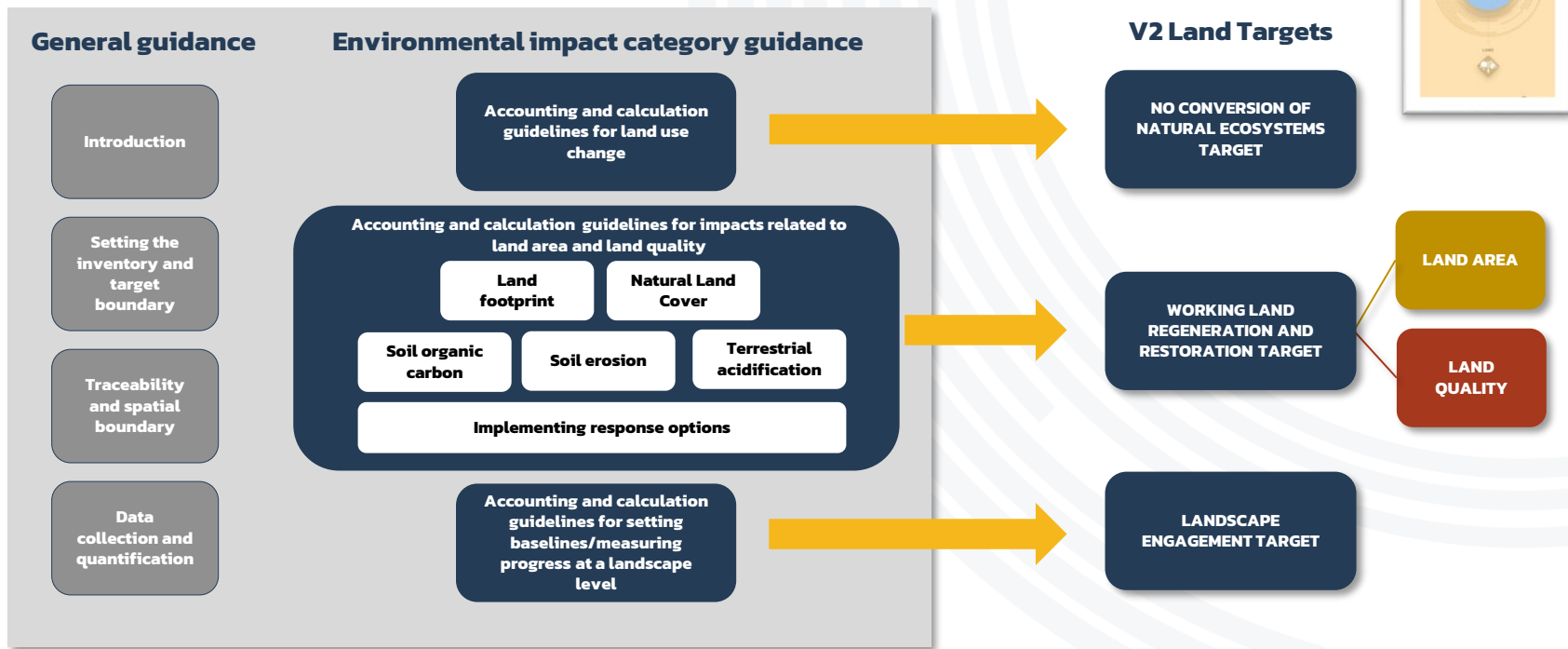
Development process

- AGILE is an **important starting point for the development of accounting and calculation guidelines** for target setting around land impacts.
- In December 2024, the Land Hub **conducted an expert stakeholder review process** of the guidelines.
- Follow-on engagement was also held with GHG Protocol to ensure alignment with the draft LSRG.



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STRUCTURE OF AGILE



A person wearing a traditional conical hat and a dark jacket is holding a large, round, woven basket. The basket is filled with rice, and many grains are falling out of the bottom, creating a dynamic scene. The background is a bright, slightly hazy sky. The text "PUBLIC CONSULTATION" is overlaid in large, bold, white capital letters.

PUBLIC CONSULTATION



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HELP SHAPE THE NEXT VERSION OF THE LAND TARGETS

Your collective insights will help ensure the final guidance is both scientifically robust and practical for corporate action.

We invite broad and inclusive feedback on the draft methods until May 27.

Companies, consultants, financial institutions
NGOs, policy-makers, scientists, academia
Indigenous Peoples, youth organizations and
unaffiliated individuals.

Experts in sustainability, ecology, land management,
and environmental risk

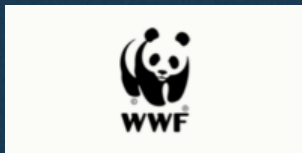
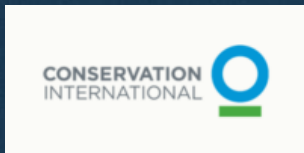


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ACKNOWLEDGEMENTS

Land Hub Partners



Funding Partners



With support from



Q&A



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WE WANT YOUR REVIEW & INPUT

**Public consultation is open
29th April to 27th May 2025**



[Find out more on our consultation page](#)

An aerial photograph of a coastal town, likely in the Philippines, featuring a large bay filled with numerous small boats and a dense cluster of buildings. The town is surrounded by lush green hills and mountains, with a prominent mountain peak visible in the background. The sky is clear and blue.

Thank you!



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