



SCIENCE BASED TARGETS NETWORK
GLOBAL COMMONS ALLIANCE

SCIENCE-DRIVEN BUSINESS-FOCUSED

An introduction to science-based
targets for nature

24 May 2023

TODAY'S SPEAKERS



Erin Billman
Executive Director,
SBTN



Nigel Topping
Global
Ambassador
UNFCCC High
Level Climate
Champions



Varsha Vijay
Technical Director,
SBTN



Allen Townsend
Co-Lead,
SBTN Freshwater
Hub
WWF



Craig Beatty
Co-Lead,
SBTN Land Hub
WWF

OPENING REMARKS



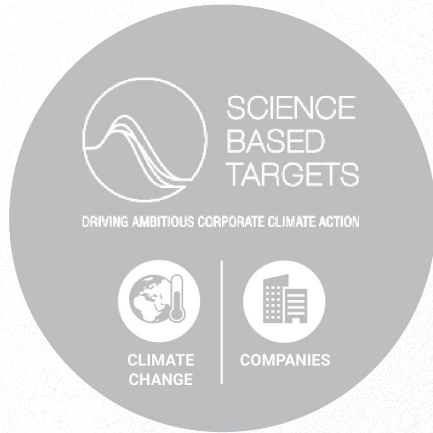
Nigel Topping

Global Ambassador UNFCCC

High Level Climate

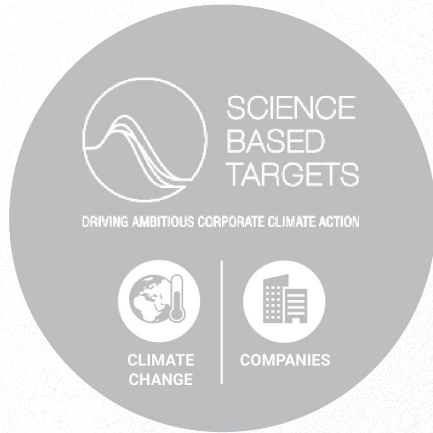
Champions

A NET ZERO PATHWAY FOR BUSINESS

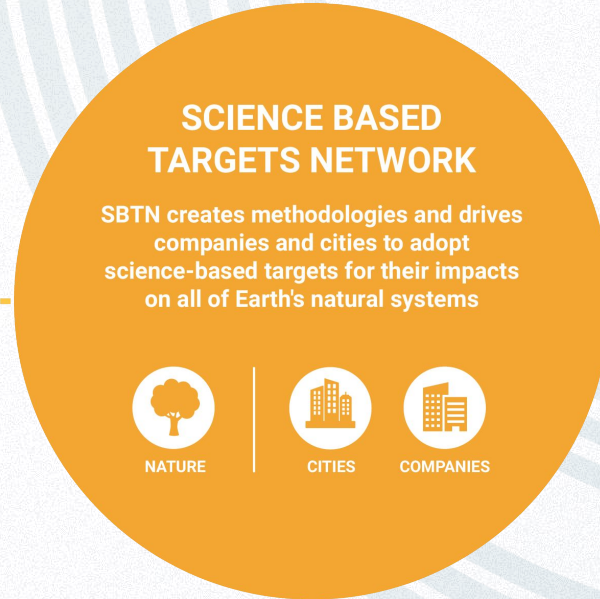


CLIMATE

A NET ZERO, NATURE POSITIVE PATHWAY FOR BUSINESS



CLIMATE

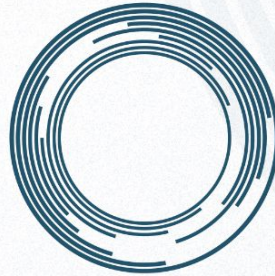


NATURE

**BUILDING AND EXPANDING UPON CLIMATE
TO ALL ENVIRONMENTAL IMPACTS**

UNPRECEDENTED COLLABORATION

Founding partners – setting the standard for business to take action on nature



MOMENTUM FOR SCIENCE-BASED TARGETS FOR NATURE

115+ Companies

80+ Partners

30 Countries

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 the **right actions** in the **right places** at the **right time** to do their part to halt and reverse nature loss by 2030

NATURE POSITIVE HAS TO BE PEOPLE POSITIVE

The first science-based targets for nature are a meaningful first step on the pathway towards validatable safe and just science-based targets

Shared ambition with **Earth Commission** and **Safe and Just Earth System Boundaries**



Corporate impacts on nature viewed primarily through **societal and environmental materiality** lens

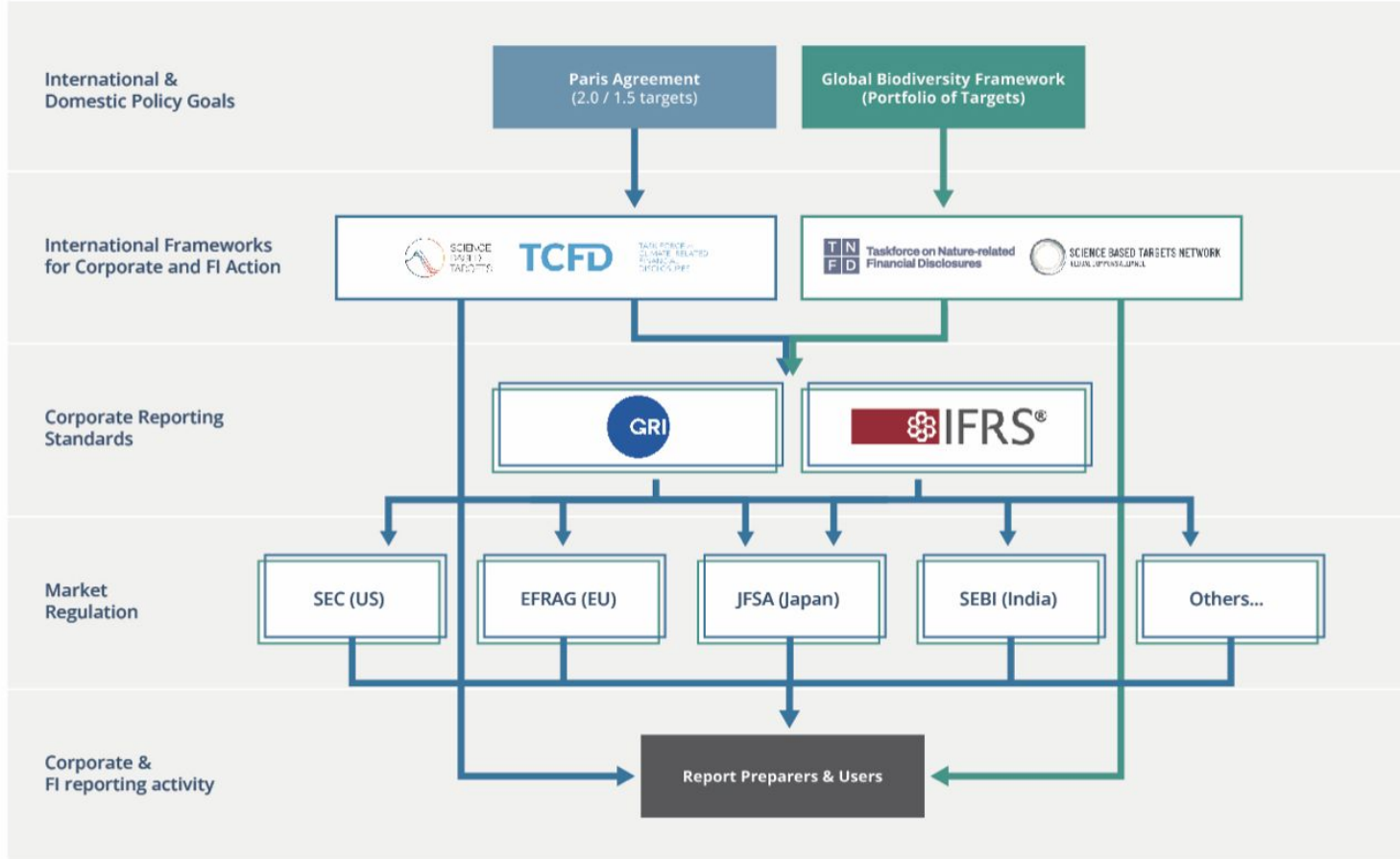


Local stakeholder engagement and **social safeguards** partially covered in first freshwater and land targets along with complementary **Stakeholder Engagement Guidance** to engage with those who may be significantly affected including **Indigenous People and local communities**



Further social safeguards and metrics to be incorporated in future method releases from 2024

WHERE SBTN FITS IN EMERGING ARCHITECTURE



Source: TNFD; Note disclosure via CDP is best practice and fully aligned with SBTN

WHAT ARE SCIENCE-BASED TARGETS?

SCIENCE-BASED

“Aligned with Earth’s limits and societal sustainability goals”

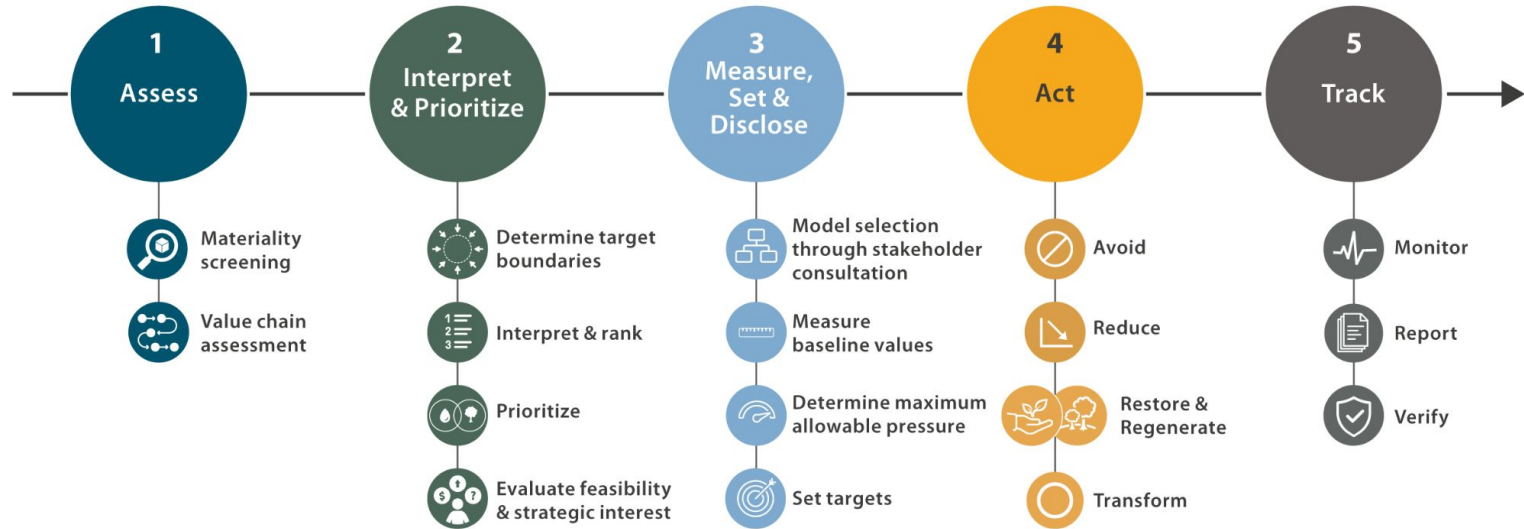


TARGETS

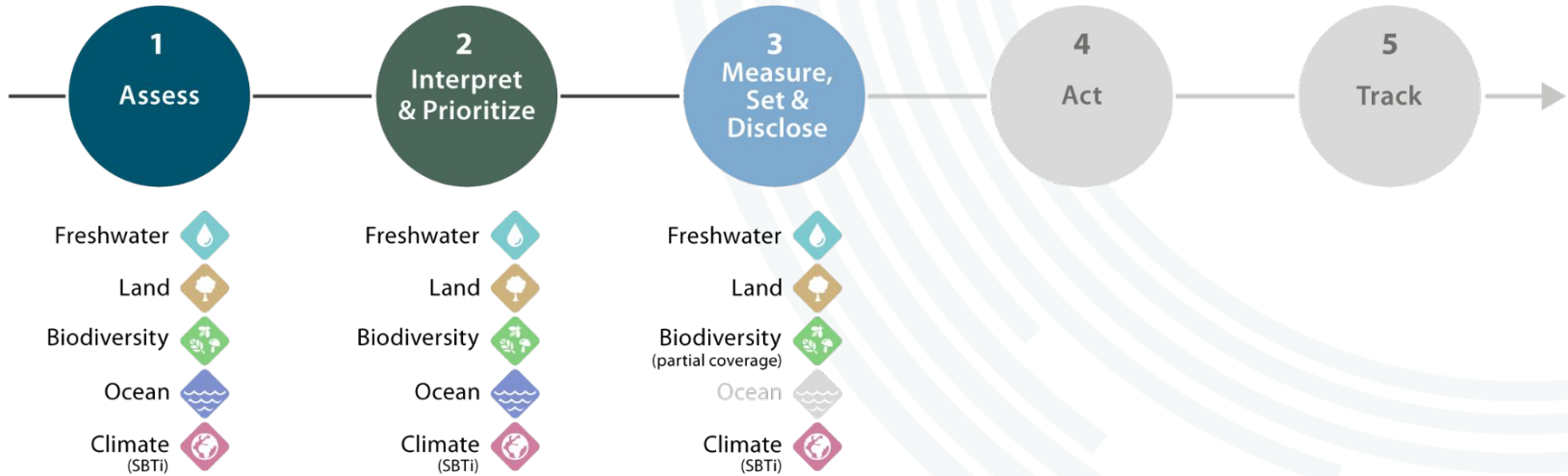
“Measurable, actionable, and time-bound objectives”



FIVE STEP PROCESS TO PUT SCIENCE INTO ACTION



FIRST RELEASE OF SBTs FOR NATURE



2023 SBTN ROADMAP

STEP 1 & 2 METHODS V1

FRESHWATER METHODS V1

LAND METHODS V0.3

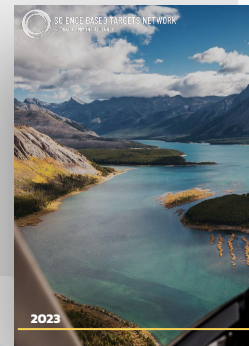
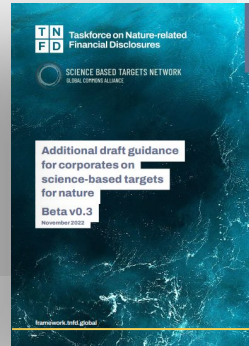
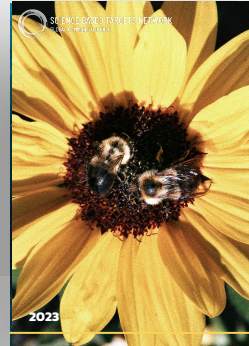
STAKEHOLDER GUIDANCE V0.1

BIODIVERSITY PAPER

SBTN-TNFD GUIDANCE V2

CORPORATE MANUAL

DATA READINESS GUIDE

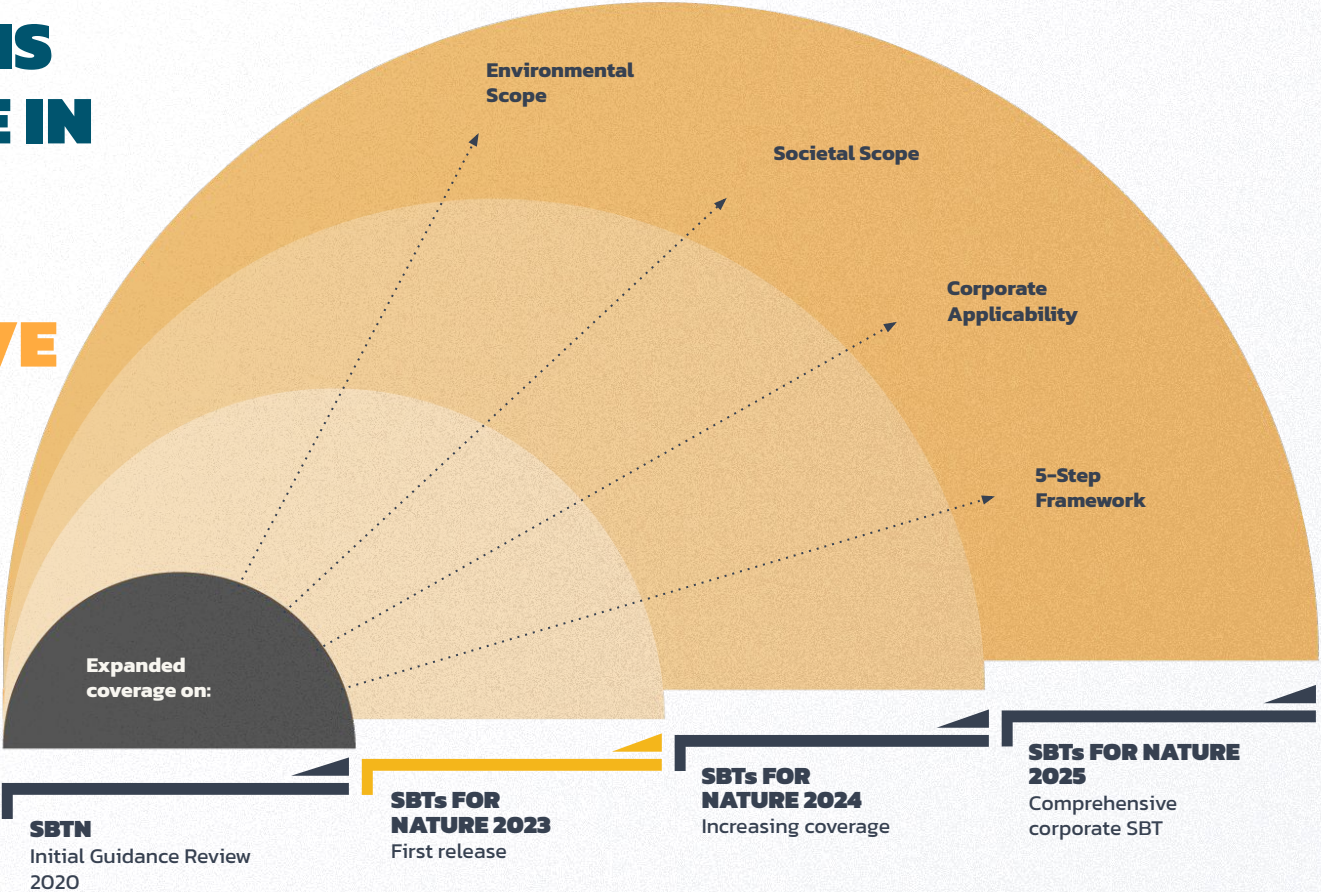


Q2

Q3

Q4

FIRST RELEASE IS KEY MILESTONE IN PROGRESS TOWARD COMPREHENSIVE TARGETS



TECHNICAL CONTENT OVERVIEW

STEP 1 & 2 DEVELOPMENT TEAM

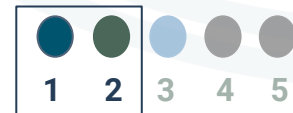
DEVELOPMENT LEAD



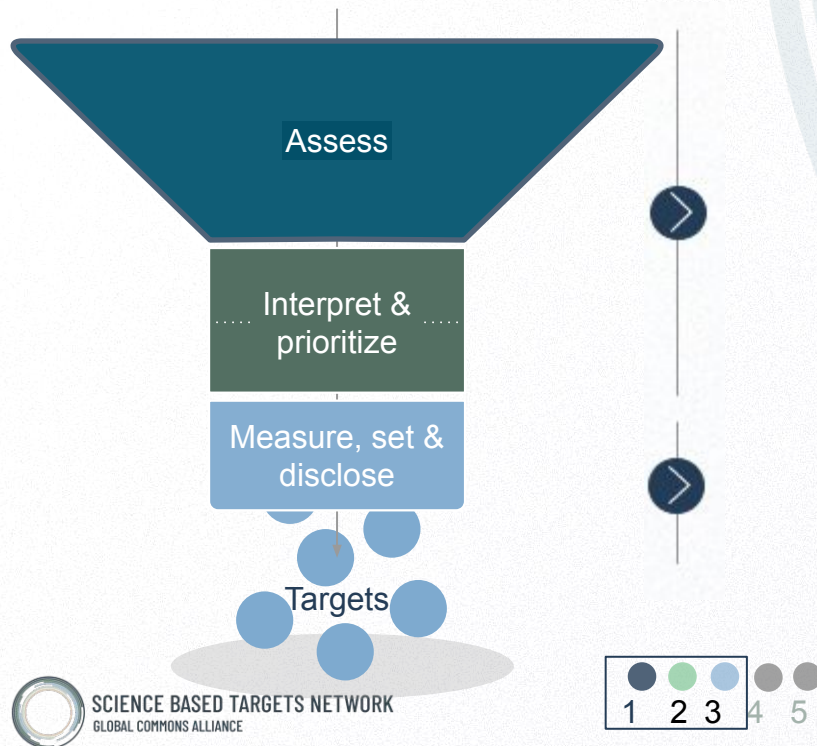
WORKING GROUP FOR STEP 1 AND STEP 2



WITH THANKS FOR PHILANTHROPIC SUPPORT



TARGET SETTING PROCESS: FOCUSING THE SCOPE FOR COMPANIES



An integral part of the first release of science-based targets for nature, **all companies** start their SBTN journey by assessing material pressures (Step 1), and prioritizing locations and business components for target setting (Step 2).

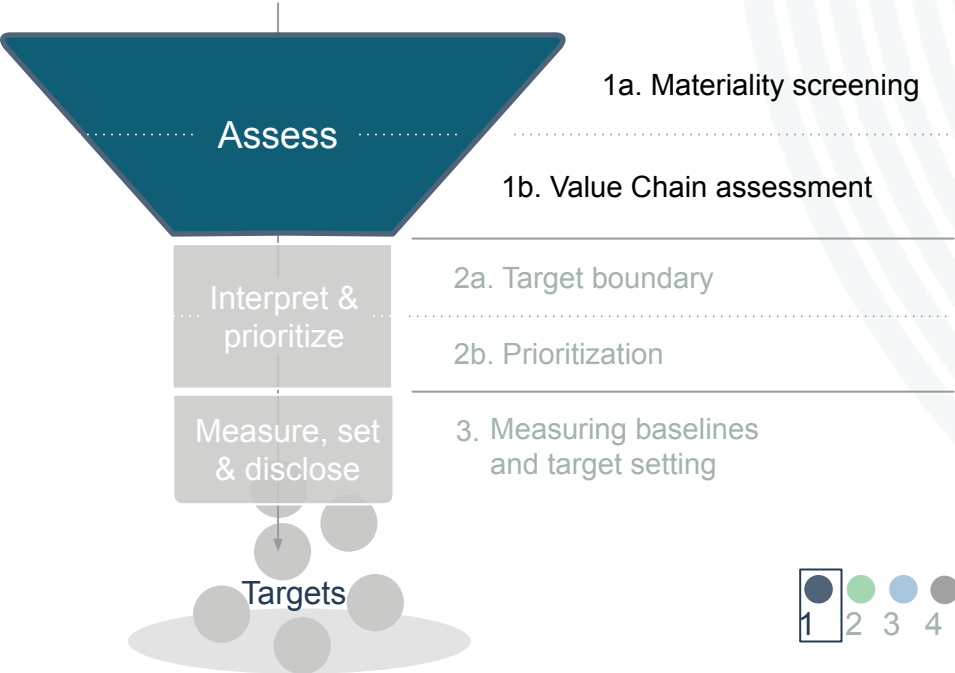
This provides greater ability to take urgent action in line with global goals for nature and society.

This guidance:

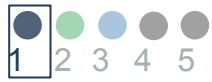
- **Maximizes synergies, minimizes tradeoffs** for nature, biodiversity, broader corporate sustainability efforts
- Includes **Freshwater, Land**
- Some coverage of **Oceans, Biodiversity**

STEP 1: ASSESS

COMPREHENSIVELY ASSESSING COMPANY IMPACTS

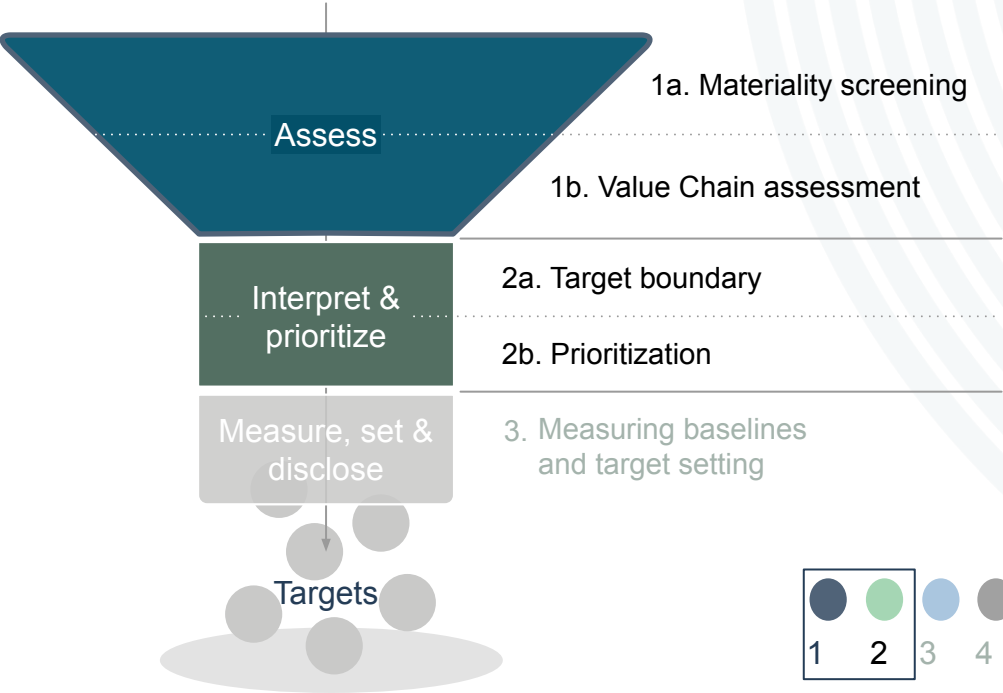


- 1** What are my impacts on the environment?
- 2** Of these impacts, which are material?
- 3** Which impacts must I set targets for?



STEP 2: PRIORITIZE

IDENTIFYING WHICH IMPACTS TO ADDRESS FIRST

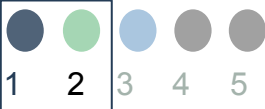


1

Which locations does my company need to set targets for?

2

Which parts of my business should I get started on first?



STEP 1 & 2 TOOLS



Materiality Screening Tool (formerly the Sector Materiality Tool)

An open-access SBTN tool for screening of all environmental issues covered by SBTN using global sector-level data.



High Impact Commodity List - HICL

An open-access SBTN resource to enable companies to quickly identify priority inputs (upstream) and activities (direct operations) to focus on during target setting, based on known environmental impacts of commodities

FRESHWATER



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SBTN FRESHWATER HUB



Technical Support



Piloting Technical Support






Pilot Companies



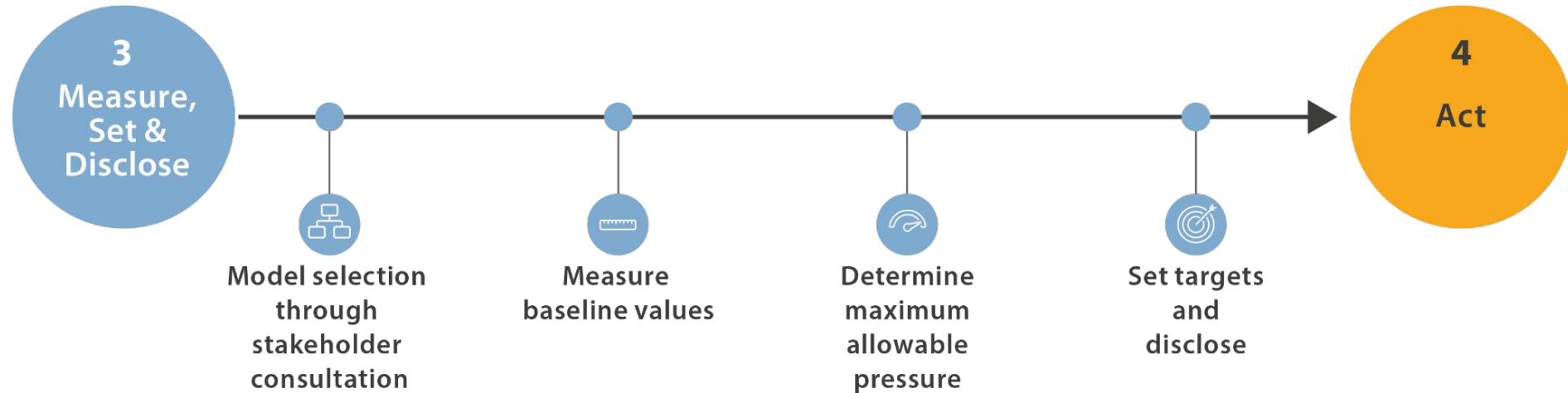
Philanthropic Support



STEP 3 FRESHWATER: CURRENT AND FUTURE SCOPE

	SBTs for Freshwater V1	Future Development
	Water quantity	Surface water flows Groundwater levels (Local) Groundwater levels (global models)
	Water quality	Nutrient pollution Toxic chemicals Other water quality parameters
	Value Chain Scope	Upstream Direct Operations Downstream
	Biodiversity & Ecosystems	Steps 1 and 2 prioritization of basins for freshwater Freshwater biodiversity Conversion of freshwater Ecosystems
	Future projections	Consideration of forward-looking scenarios

STEP 3 FRESHWATER: FOUR PHASES OF TARGET-SETTING PROCESS



STEP 3 FRESHWATER: SAMPLE TARGETS



Water Quantity

"Company X will reduce its water withdrawals in the _ Basin to _ ML/y by the year _."



Water Quality

"Company X will reduce its nutrient load in the _ Basin to _ kg P (or N)/y by the year _."



LAND



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TARGET DEVELOPMENT



Pilot

May 2023

Land methods will be beta tested by the Initial Target Validation Group then refined based on learning objectives



Version 1.0

Early 2024

Updated methods published and available for companies to set land targets



Version 2.0

2025

Stronger place-based justification and science supporting revised land targets



STEP 3 LAND TARGET-SETTING



Target 1 No Conversion of Natural Ecosystems

Stop direct and indirect conversion of all natural, terrestrial ecosystems

Direct Operations: [Company name] will have zero conversion of natural ecosystems by [target year], compared with a 2020* baseline. [Company name] will remediate all past conversion occurring between 2020* and [target year].



Target 2 Land Footprint Reduction

Reduce the global footprint of production systems and work with stakeholders on ecosystem restoration through the Landscape Engagement Target

Absolute target: [Company name] commits to reduce absolute agricultural land footprint, from direct operations [and upstream impacts], [percent reduction]% by [target year] from a [base year] base year.



Target 3 Landscape Engagement

Engage in materially relevant landscape initiatives to support actions and enable conditions that lead to substantial improvements in nature

[Company name] is engaged in [initiative name] and committed to a substantial improvement in ecological and social conditions by 2030



*For Forest, Land and Agriculture (FLAG) companies: to make claims on land targets you must additionally set an SBTi FLAG target.

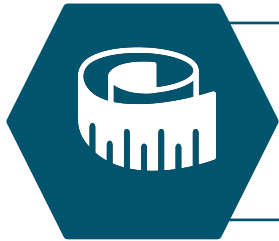
2023 LAND PILOT: **LEARNING** OBJECTIVES



Optimal balance between target ambition and feasibility



Social safeguards and proper stakeholder engagement



The metrics and science available to define and track targets

BIODIVERSITY & SOCIAL SAFEGUARDS

FIRST RELEASE OF SBTs FOR NATURE DIRECTLY SUPPORTS BIODIVERSITY

SBTN aims to mitigate biodiversity loss, contribute to preservation and restoration of natural ecosystems.

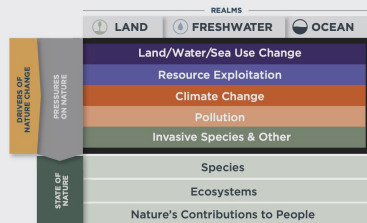


Table 2. High-level target categories for SBTs for nature. How SBTs take aim at the drivers and pressures fueling the degradation of nature, and the state of nature itself.

BIODIVERSITY INCORPORATED INTO STEPS 1 & 2 ENVIRONMENTAL IMPACT ASSESSMENT INCLUDING PRIORITISATION OF SITES FOR TARGET SETTING

FRESHWATER TARGETS WILL POSITIVELY IMPACT FRESHWATER SPECIES AND ECOSYSTEMS.

Addressing, for example, agricultural runoff in the gulf of Mexico.

LAND TARGETS ADDRESS LAND USE AND LAND USE CHANGE, ONE OF THE PRIMARY DRIVERS OF BIODIVERSITY LOSS. (REDUCING PRESSURE).

Addressing, for example, tropical biome conversion and habitat loss in Kalimantan.

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PHOTO: Seaweed farming against gender inequality and climate change, woman working on the beach
Natalija Gormalova / Climate Visuals Countdown

CORPORATE ACTION



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SCIENCE-BASED TARGETS GOOD FOR BUSINESS

Majority of businesses who have set science-based targets for climate said they had:

“helped attract more investment”

“enhanced our competitive advantage”

“increased brand equity”

“created more resilient supply chains”

“help attract and retain the best talent”

17 COMPANIES ARE PILOTING THE FIRST TARGETS

Through a public recruitment process, 17 companies were selected to pilot the first SBTs for nature in 2023. Selection criteria included **readiness, representation and impact on nature**.

Pilot companies

- AB InBev
- Alpro (part of Danone)
- Bel
- Carrefour
- Corbion
- GlaxoSmithKline PLC (GSK)
- H&M Group
- Hindustan Zinc Limited
- Holcim Group
- Kering
- L'OCCITANE Group
- LVMH
- Nestlé
- Neste Corporation Limited
- Suntory Holdings Limited
- Tesco
- UPM

Sectors

- Beverage and food manufacturing
- Pharmaceuticals
- Apparel and accessories retail
- Construction and infrastructure manufacturing
- Consumer goods retail (personal care products)
- Energy production
- General retail
- Forest products manufacturing

Country headquarters

- Belgium
- India
- Finland
- France
- Netherlands
- Sweden
- Switzerland
- Japan
- UK

Take **science-based action** for nature

Wherever your company is on their sustainability journey, there are immediate actions to take.

Mobilize Action

If your company wants to take action on nature but is not ready to set science-based targets for nature, start by using our guidance for a sector-level impact assessment, join our Corporate Engagement Program and use our onboarding resources to rally internal buy-in.

Understand Impacts

Using our detailed guidance, undertake a 'root and branch' audit of your business that will enable you to identify and learn about your company's most material impacts on nature - and where they occur in your operations and across your value chain.

Set Targets

When you have assessed and prioritized areas for your company to take action, use our methodologies to prepare to set science-based targets for nature including freshwater and land. Targets can be submitted for validation anticipated in early 2024 upon completion of the pilot with an initial group of companies.



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Q&A



THANK YOU TO OUR NETWORK

