



Public Consultation

on corporate science-based targets for land



SCIENCE BASED TARGETS NETWORK
GLOBAL COMMONS ALLIANCE

WELCOME



Erin Billman
Executive Director
Science Based Targets Network

WEBINAR FORMAT



We will be running a quick poll on **Mentimeter** – link is posted in chat



Use the **Q&A button** at the bottom of your screen to submit questions. There will be a live Q&A session at the end where we will address as many as we can



This webinar will be recorded for those who are unable to attend



POLL

**How familiar are you with
science-based targets for
nature?**

**GO TO MENTI.COM
and enter the code 2551 9645**

TODAY'S SPEAKERS



Erin Billman
Executive Director
SBTN



Craig Beatty
Manager, Forests Research
& Strategy
WWF and Land Hub co-lead



Marco Daldoss
Pirri
Systemiq - FOLU
Land SBTs V1 lead

TODAY'S PRESENTATION

1. Science Based Targets Network: who, why, what
2. Introducing the land science-based targets
3. What's in the public consultation
4. How to review & provide feedback
5. Q&A



NATURE IS THE **FOUNDATION** OF HUMAN LIFE AND THE ECONOMY, AND IS IN CRISIS

Biodiversity

69%

Average **decline in species populations** since 1970

Societies

300M

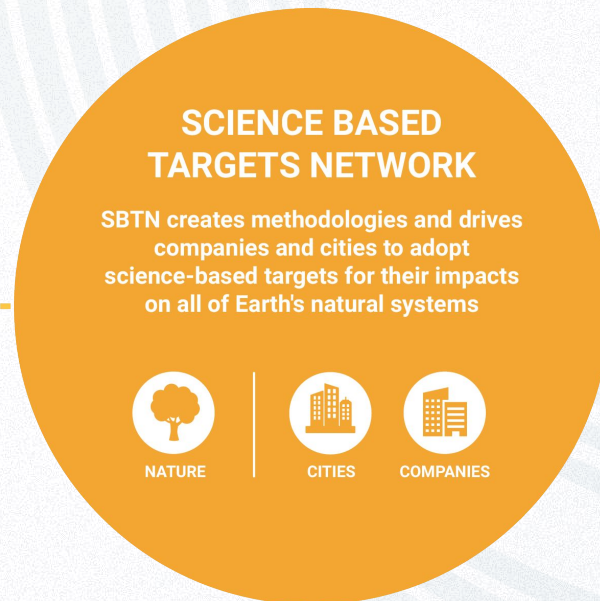
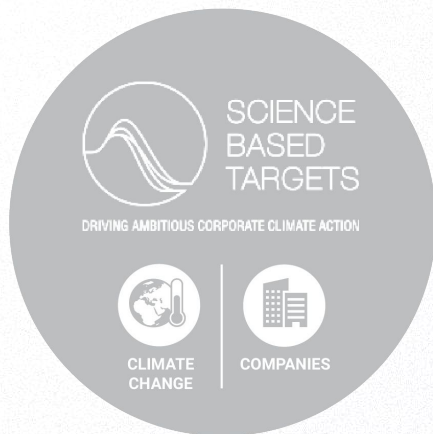
People threatened by **flooding and hurricanes** due to the loss of coastal habitats and coral reefs.

Businesses

\$13 trillion

Industries highly **dependent on nature** generate 15% of global GDP

A NET ZERO, NATURE POSITIVE PATHWAY FOR BUSINESS



NATURE SBTs

BUILDING AND EXPANDING UPON CLIMATE TO ALL
ENVIRONMENTAL IMPACTS

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



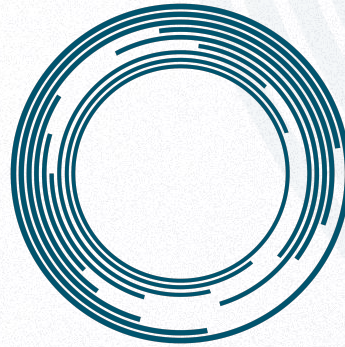
Securing
healthy, diverse
oceans



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

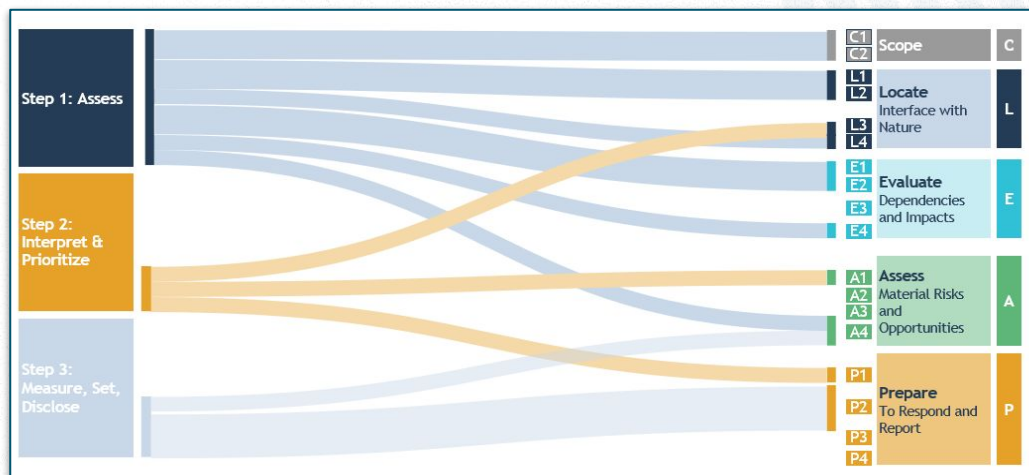
STRENGTH IN COLLABORATION

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



COLLABORATING WITH KEY COMPLEMENTARY INITIATIVES INCLUDING TNFD

Connection between SBTN target-setting framework and TNFD's risk management and disclosure



Key outputs of collaboration

1



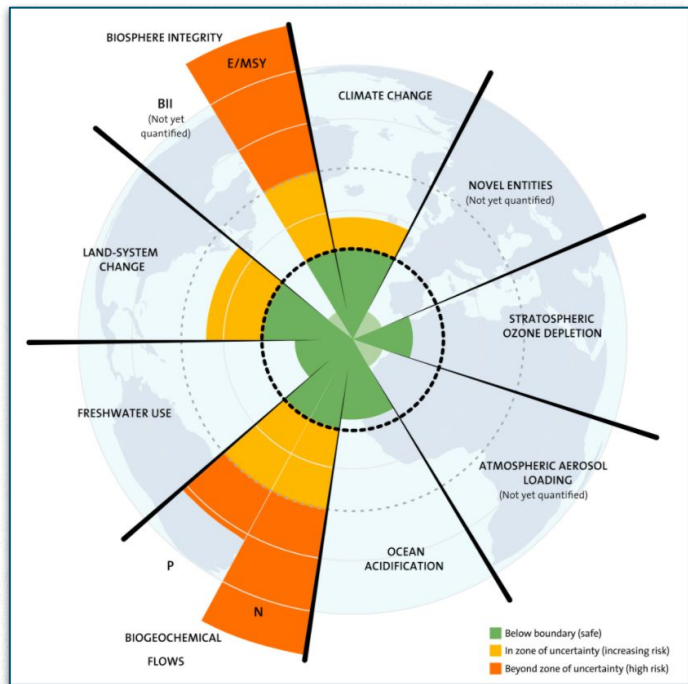
Joint SBTN-TNFD target setting guidance

2



SBTN local stakeholder engagement guidance

THE SCIENCE BEHIND SBTs



1

'Safe and just'

2

Quantified limits

3

Aligned with societal frameworks for action:



The Convention on Biological Diversity (UNCBD) and the post-2020 Global Biodiversity Framework;



The Convention to Combat Desertifications (UNCCD) and the 2018-2030 Strategic Framework;

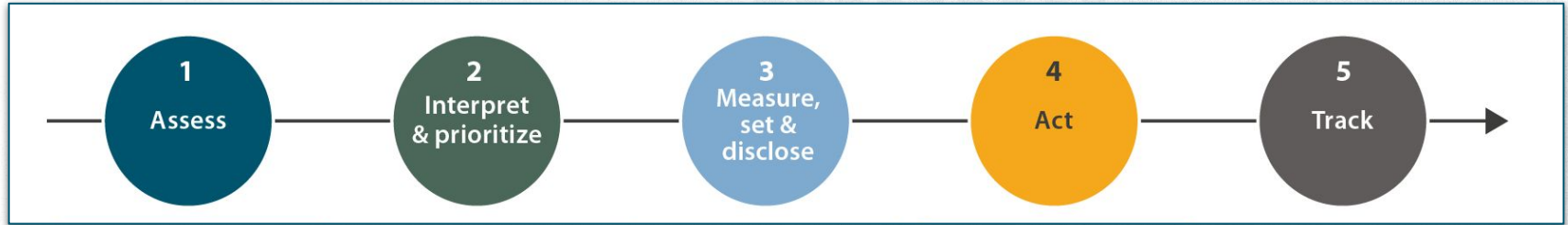


The Framework Convention on Climate Change (UNFCCC) and the Paris Agreement;

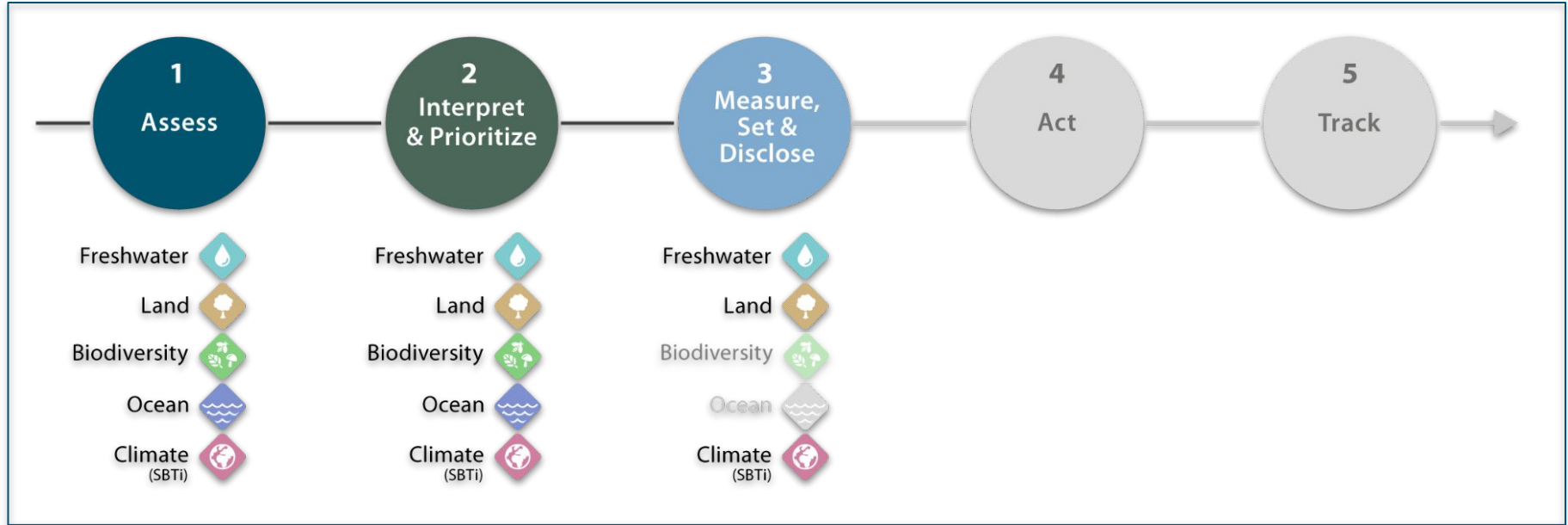


The UN General Assembly and the 2030 Agenda for Sustainable Development.

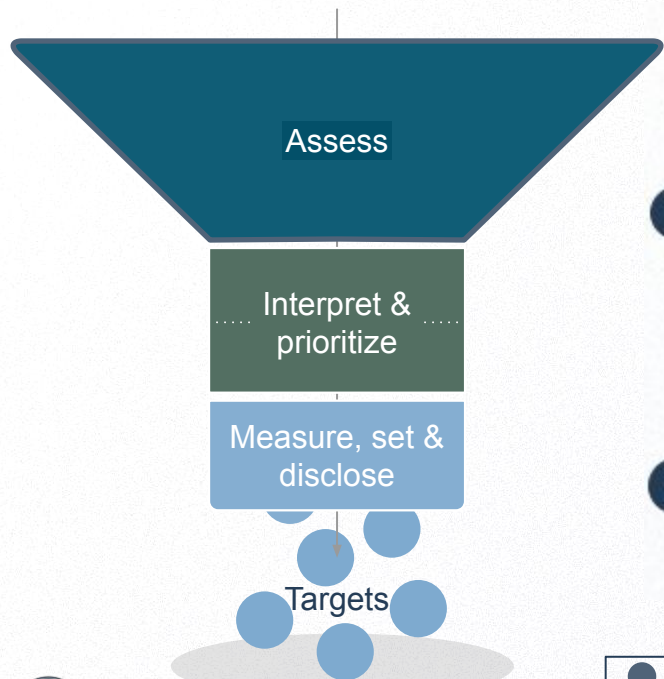
SBTN HAS A **FIVE STEP PROCESS** TO SETTING SCIENCE BASED TARGETS FOR NATURE



SBTs FOR NATURE V1



TARGET SETTING PROCESS: FOCUSING THE SCOPE FOR COMPANIES



Assess (Step 1)/ Interpret & Prioritize (Step 2)

Broadest coverage of activities for all key pressures: climate, freshwater, land, ocean and biodiversity

Scope of assessment narrows, as pressures and locations are prioritized

Measure, Set & Disclose (Step 3)

Set targets for priority pressures and locations

INTRODUCING THE SBTN LAND HUB



Craig Beatty
World
Wildlife Fund
Hub Co-Lead



Alex Zvoleff
Conservation
International
Hub Co-Lead



Marco
Daldoss Pirri, FOLU
Systemiq
Land SBTs
Version 1 lead



Lyndsey
Dowell The Nature
Conservancy



Richard
Waite World
Resources Institute



Martha Stevenson
SBTN Product
Development
Council & Land Hub
Senior Advisor



Scarlett Benson
FOLU-WRI
(secondment)



Alessandro Passaro
FOLU-Systemiq



Morgan Gillespy
FOLU-WRI



Jordan Rogan
Conservation
International



Amelia Meyer
World
Wildlife Fund



Cristóbal Loyola
World Wildlife Fund

Led by:



SteerCo members:



Supported by:



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LAND DEVELOPMENT MILESTONES

**CORPORATE
TOOL PILOT
Q3 2022**

**INTERNAL
CONSULTATIONS
DEC – JAN 2023**

**PUBLIC
CONSULTATION
FEB – MAR 2023**

**SUBSEQUENT
RELEASES FROM
2024**

**SBTs FOR
NATURE v1
2023**

**EXPERT REVIEW
JAN 2023**



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INSIGHTS FROM CONSULTATION PROCESS SO FAR

MANY IMPROVEMENTS MADE TO LAND GUIDANCE



Increased
clarity and
alignment with
Step 1 & 2
methodologies



Understanding
how to best
prioritize areas
for no
conversion



Inclusion of
intensity and
absolute land
footprint
reduction
approaches



Development
of Landscape
Engagement
Target

THE BUSINESS CASE FOR ACTION

People have converted between a third to half of all habitable land into farms, crops and pastures, transforming and degrading the ecosystems that are essential to our survival. Land degradation and soil degradation could result in a massive economic loss of up to \$11.2 trillion in agricultural assets, putting the cornerstone of many companies' businesses in jeopardy.



With targets, companies can:

1

Lead the field

2

**Address risks
and see
opportunities**

3

**Increase brand
resilience and
brand value**

4

**Leverage value
chains**

5

**Preempt
regulation and
policy shifts**

6

**Inform investors
and increase
access to capital**



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FIRST LAND TARGETS FOR COMPANIES TO TAKE INTEGRATED ENVIRONMENTAL ACTION



Target 1 No Conversion of Natural Ecosystems

Stop direct and indirect conversion of all natural, terrestrial ecosystems



Target 2 Land Footprint Reduction

Reduce the global occupation of production systems and liberate land, ideally for ecosystem restoration



Target 3 Landscape Engagement

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

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



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DESIGNED TO **ALIGN AND BUILD** ON EXISTING SUSTAINABILITY INITIATIVES

SBTN Land Targets utilize existing work on climate, deforestation-free and conversion-free commitments as momentum for developing commitments to nature:



United Nations
Framework Convention on
Climate Change



SCIENCE
BASED
TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION



GREENHOUSE
GAS PROTOCOL



Accountability
Framework

Land targets also align with the two major international frameworks related to land and biodiversity:



United Nations
Convention to Combat
Desertification



Convention on
Biological Diversity

Montreal-Kunming Global
Biodiversity Framework

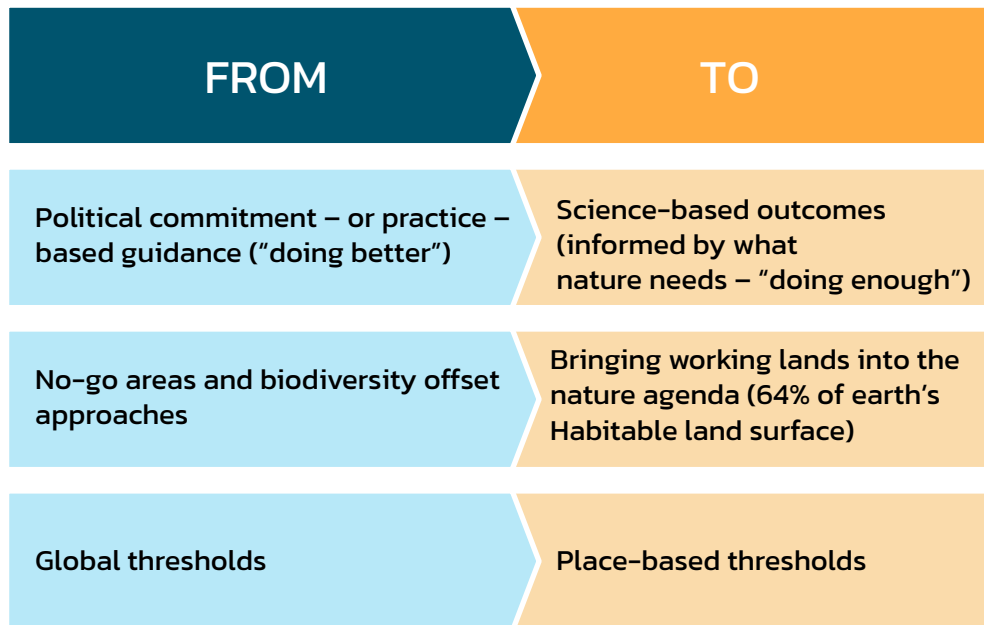


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LEAP FORWARD IN VOLUNTARY CORPORATE ACCOUNTABILITY

Land SBTs v1

- Expand the scope of existing commitments to cover more terrestrial ecosystems and a wide range of high-impact, land-intensive commodities
- Bring working lands into the nature agenda
- Incentivize a wide range of actions that companies will implement to avoid and reduce impact and to deliver regenerative, restorative, and transformative outcomes – that are in line with a nature positive future



WHAT'S IN THE LAND PUBLIC CONSULTATION?

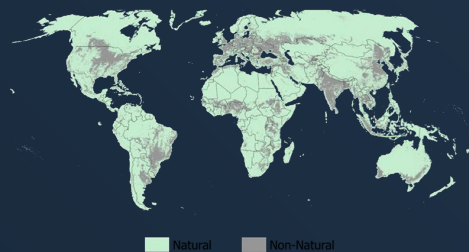


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PURPOSE OF THE PUBLIC CONSULTATION

- ① SBTN guidance is developed using an iterative process, evolving and improving with feedback from partners, stakeholders and experts
- ② Public Consultation is the major opportunity to secure inputs from the widest range of stakeholder perspectives across the sustainability space
- ③ The ultimate aim is to ensure the finalized guidance for companies released in 2023 is as robust, clear and practical as possible

TARGET 1 – NO CONVERSION OF NATURAL ECOSYSTEMS




Global map of natural lands



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Source: Science Based Targets Network

|  Target requirements | | | |
|---|-----------------------|--|-------------------------------|
| Stage of value chain | Location of operation | Deforestation and conversion free (DCF) target | |
| Site owners/operators | All ecosystems | 2025: 100% | |
| Producers | All ecosystems | 2025: 100% | |
| Stage of value chain | Origin of commodities | A-commodities ¹ | B-commodities |
| Direct sourcing | Group 1 ecosystems | 2025: 100% DCF | |
| | Other ecosystems | 2027: 80% DCF | |
| | | 2030: 100% DCF | |
| Indirect sourcing (raw or processed) | Group 1 ecosystems | 2025: 80% DCF | 2027: 80% DCF |
| | Other ecosystems | 2027: 100% DCF | 2030: 100% DCF |
| | | 2027: 80% DCF | 2030: 100% DCF |
| Indirect sourcing (embedded or highly transformed) | All origins | 2025: 80% DCF OR compensated | 2027: 80% DCF OR compensated |
| | | 2027: 100% DCF OR compensated | 2030: 100% DCF OR compensated |
| | | 2030: 100% DCF OR compensated | |

¹: +10% threshold of materiality, based on TCFD materiality threshold

TARGET 2 – LAND FOOTPRINT REDUCTION



Land occupation is the amount of land required per year to produce or extract the products produced or sourced by a company, and it is reported in hectares per year.

Companies are **required** to set a Land Footprint Reduction target if they meet the following criteria:

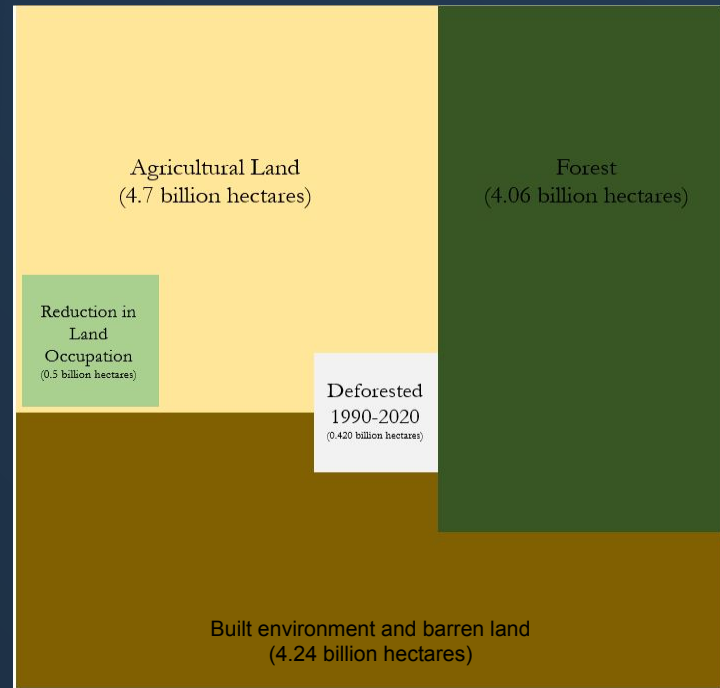
1. "Terrestrial Use" is material according to Step 1's materiality screening
2. Companies in Agriculture, Forestry & Fishing or Manufacturing ISIC sections
3. Meet the criteria to set a SBTi FLAG target
4. Land occupation >**50'000 hectares** (as calculated by the Land Metrics – GHG Protocol Land Sector and Removals Guidance); **AND/OR** has **10,000 or more full time employees**



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Source: Science Based Targets Network

Global ice-free land area (13 billion hectares)



TARGET 3 – LANDSCAPE ENGAGEMENT

◆ Landscape Engagement requires companies to **prioritize landscapes for engagement** and to measure the baseline status of ecological integrity based on the Ecosystem Integrity Index (EII).

Companies are **required** to set a Landscape Engagement Target if it is identified, during SBTN's Step 1 (Assess), that the following land-associated pressures are material:

- 'terrestrial ecosystem use' or
- 'soil pollution'

Companies then select landscape initiatives in a few places that are most material and engage.

◆ **Landscape Engagement** is broad by design and encompasses a variety of potential actions that companies, and other stakeholders, can collectively implement for achieving holistic, multiple-objective, environmental, biodiversity, and social outcomes.

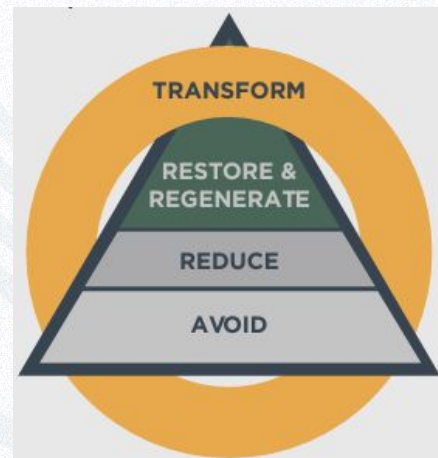
This target addresses the **regenerative, restorative, and transformative** actions required by companies setting Science Based Targets for Nature.



INTERACTION OF THE THREE TARGETS

Avoid, Reduce, Regenerate, Restore, Transform

- The set of targets are **designed to work together to incentivize the high-level actions** needed to achieve nature goals in land systems
- The targets address trade-offs generated by a **siloed implementation of specific targets and strategies**
- Critically, the landscape engagement target (target 3) works to **ensure that companies appropriately balance the need to use land more efficiently while avoiding unsustainable forms of agricultural intensification** and building resilience. It also provides a vehicle to **guide the implementation of the other two land SBTs through landscape level engagement**.





REVIEWING & PROVIDING FEEDBACK



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TWO AREAS OF FOCUS FOR HIGH-LEVEL FEEDBACK



General feedback

Clarity

Is the content and structure of the guidance clear and easy to understand?

Feasibility

Is your company likely to be able to complete Technical Guidance for Step 3: Land?



Technical feedback

Rigor

Does guidance use relevant and appropriate science and practices?

Ambition

Does SBTN guidance ensure sufficient ambition levels for companies setting SBTN targets?

KEY QUESTIONS ON TARGETS



No Conversion of Natural Ecosystems

- Alternative mechanism for compliance of embedded/highly transformed volumes with target requirements (#7)
- First point of aggregation for commodities (#9)



Land Footprint Reduction

- Reference level for Land Footprint Reduction – choice of scenario (#10)
- Inclusion of intensity reduction approach alongside absolute reduction (#11)



Landscape Engagement

- Inclusion of areas with EII score above 0.7 in baseline calculation of landscape integrity (#12)
- Spatial resolution for aggregation of EII scores across landscapes (#13)
- Quantifying required company's contributions to collective processes (#14)

Note: number corresponds to question in the feedback form



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Q&A



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THANK YOU TO OUR **NETWORK**





THANK YOU



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