

SCIENCE-BASED TARGETS FOR NATURE



SCIENCE BASED TARGETS NETWORK
GLOBAL COMMONS ALLIANCE



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**WHAT CAN YOUR COMPANY DO TODAY
TO START ALIGNING WITH SCIENCE,
TO ENSURE IT'S DOING ITS PART FOR
AN EQUITABLE, NET-ZERO, NATURE
POSITIVE FUTURE?**



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SCIENCE-BASED TARGETS FOR NATURE will tell you if your company is

Doing *enough* of the *right* actions 

In the *right* places 

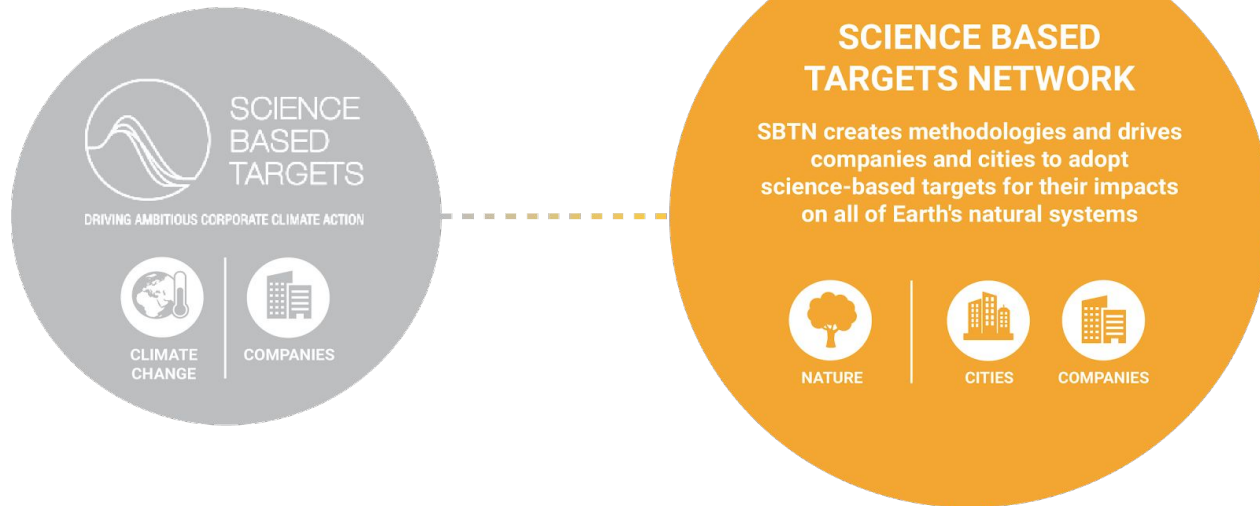
To stay within a *safe* and *just* operating space



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A NET ZERO, NATURE POSITIVE **PATHWAY** FOR BUSINESS



Science-based targets for climate focused on companies are delivered by the Science Based Targets Initiative (SBTi)

Science-based targets for nature focused on companies are delivered by the Science Based Targets Network (SBTN)

Integrated assessment and action will turn isolated issues into new opportunities



Reducing
carbon
emissions



Preserving
freshwater
resources and
water security



Supporting
biodiversity
and ecosystem
services



Preserving and
regenerating
land systems



Securing
healthy, diverse
oceans



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What is the science behind SBTs?

- 'Safe and just'
- Quantified limits
- 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.

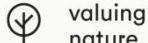


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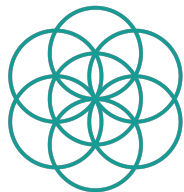
Who we are



Corporate Engagement Program members



Industry coalitions + financial institutions working with SBTN



SCIENCE-BASED TARGETS ARE 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”

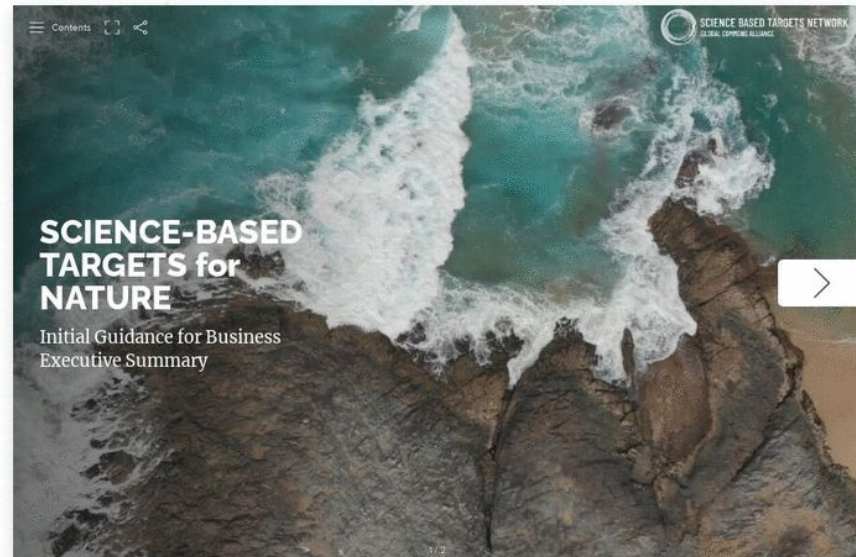
“help attract and retain the best talent”



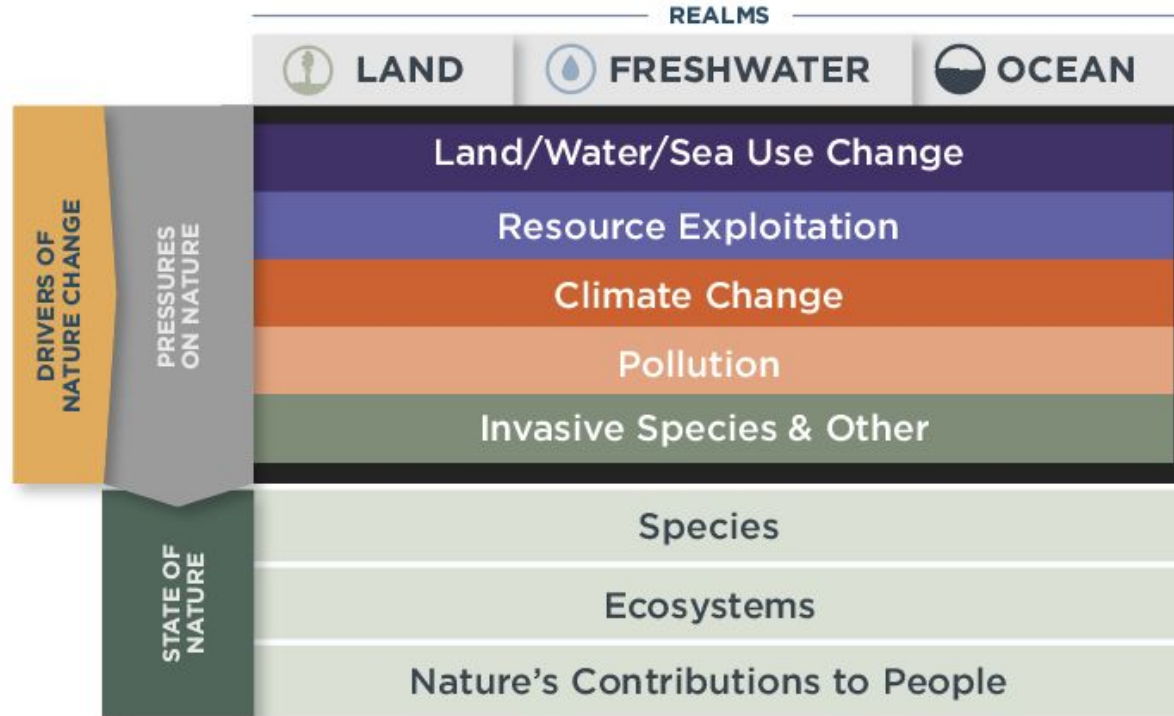
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UNDERSTAND YOUR IMPACTS ON NATURE

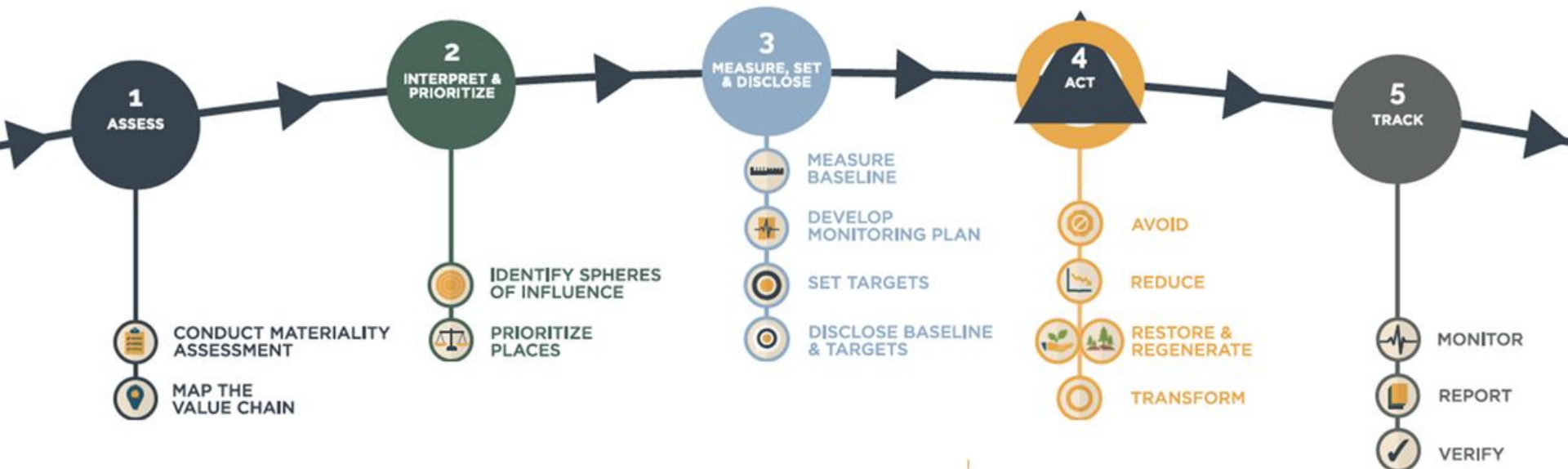
[FOLLOW OUR GUIDANCE](#) >



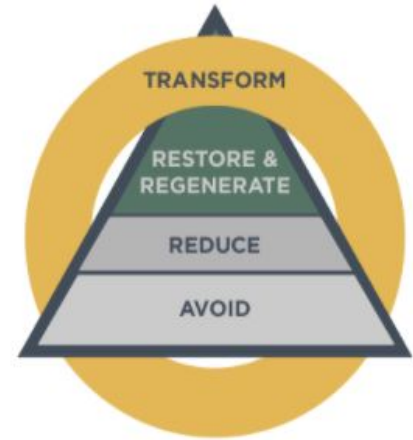
High level categories of SBTs for nature



How to set SBTs for nature?



Step 4 - Act: SBTN's Action Framework



SET INTERIM TARGETS

[VIEW OUR RECOMMENDATIONS](#)



Deforestation



Water quality



Water withdrawals



GHG emissions



Ecosystem regeneration



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LEAD THE WAY

JOIN OUR CORPORATE
ENGAGEMENT PROGRAM



1 **ASSESS & PRIORITIZE**

SBTN guidance offers tools & approaches to help companies understand & prioritize action on nature.

2 **GET INSIGHT**

From other companies also taking action on nature, as well as the technical experts at Science Based Targets Network

3 **CO-CREATE**

Give feedback into the design for more user-friendly, cost effective methods & tools.

4 **EARLY ACCESS**

Into cutting-edge science and approaches to science-based targets for nature.



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THANK YOU

Visit sciencebasedtargetsnetwork.org.

Contact corporate-engagement@sbtnetwork.org.

Appendix

Global Commons Alliance

EARTH
COMMISSION

Earth Commission

Coalition of scientists aiming to identify a safe and just corridor for humanity

SBTN

Science Based Targets Network

Aims to provide science-based targets for all global commons for all companies and cities in the world

EARTH HQ

Earth HQ

Aims to establish powerful new media partnerships to reach millions of people

SYSTEMS
CHANGE
LAB

Systems Change Lab

Aims to build the enabling systems to scale action rapidly across cities, companies and societies



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What are science-based targets (SBTs)?

Science-Based

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

The scope and ambition of the target at actor level is aligned with the scientific limits that define a safe space for humanity, and societal sustainability goals/targets that define a just future for nature and people.

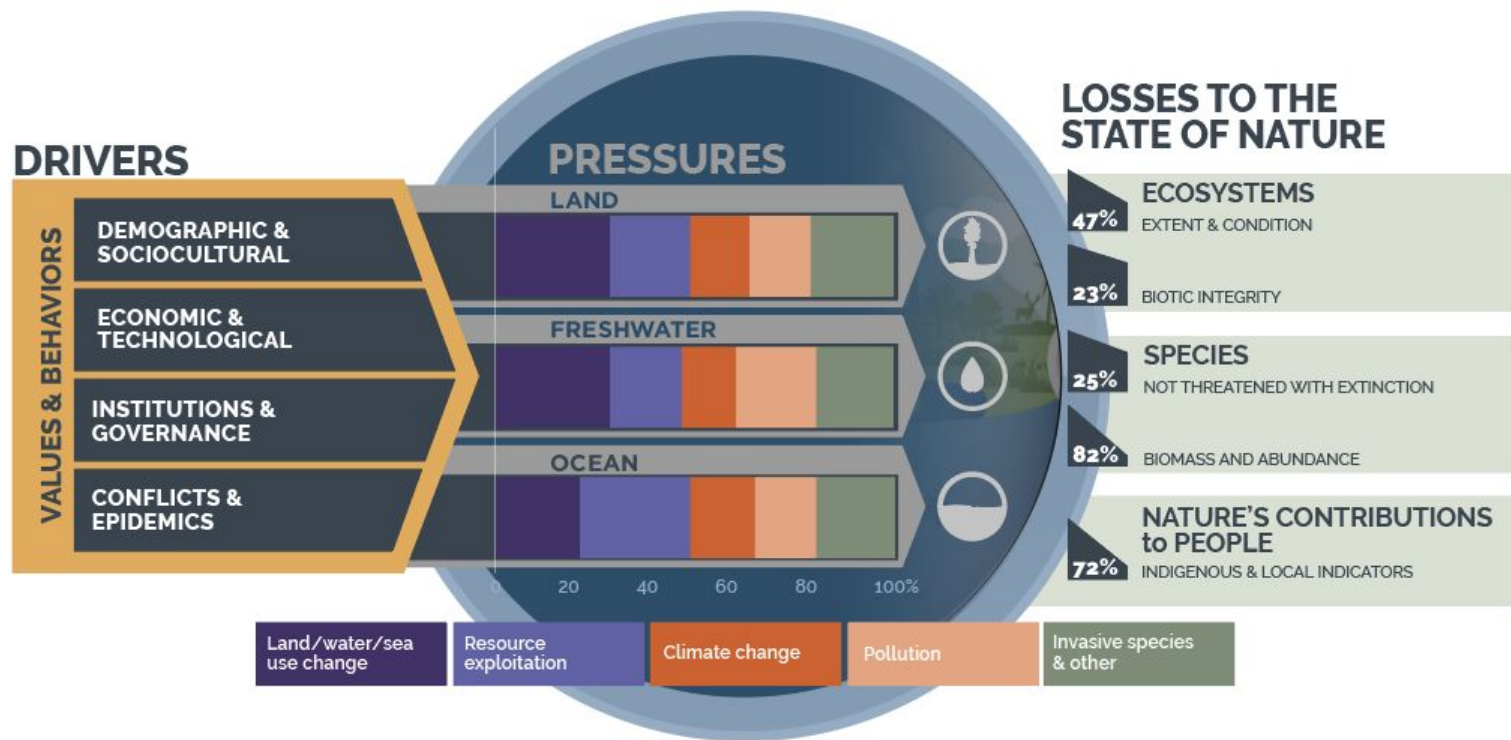
Targets

“Measurable, actionable, and time-bound objectives”

Actors must be able to measure a baseline, take action, and track progress with a reasonable level of effort.



Conceptual framework behind the targets



Minimum requirements to participate in the Corporate Engagement Program*

1. **Getting started:** sign up on the SBTN website
2. **Within one week:** submit signed terms of use & logo
3. **Within one month:** pay nominal one-time fee
4. **Within one year:** Conduct Step 1 of the SBTN guidance (value chain mapping & materiality assessment) on part of your business, and provide progress update to corporate-engagement@sbtnetwork.org.
5. **Ongoing:** 1) provide feedback on draft methods, tools and 2) promote the value of SBTs for nature within your organization and with other companies

**You are not committing to setting a science-based target for nature by joining the Corporate Engagement Program.*



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Interim Targets

Action	Interim target	Guidance for companies	Indicators
Avoid	<p>Zero deforestation and conversion from 2020, specifically:</p> <ul style="list-style-type: none"> Zero deforestation from 2020 in all corporate supply chains* Zero conversion of all natural habitats (land, freshwater, marine) from 2020** Zero Conversion of all areas that meet the criteria of Key Biodiversity Areas and High Conservation Value Areas*** (including High Carbon Stock or Irrecoverable Carbon Areas) from 2020 in all corporate supply chains <p>Exceptionally, for specific projects:</p> <ul style="list-style-type: none"> No net loss of non-forest natural habitats across all realms (land, freshwater, marine) from 2020, and net gain by 2030 	<p>* Accountability Framework Initiative</p> <p>**In line with locally-determined cut-offs, as guided by credible sources such as the Accountability Framework Initiative</p> <p>***Guidance on HCS approach and Irrecoverable carbon: HCV Network, High Carbon Stock Approach; Guidance on KBAs</p>	<p>Deforestation / Conversion (ha)</p>

Interim Targets

Action	Interim target	Guidance for companies	Indicators
Reduce & Regenerate	Ensure that in working lands supplying your value chain(s), at least X%* natural or semi-natural habitat is retained and/or regenerated , per km ² , from 2020	*X can be determined by an appropriate national regulation source, but should not go below 10-20% per km ² as from 2020 (following Earth Commission preliminary recommendations, in line with the 10% of the <u>EU's 2020 Farm to Fork Strategy and Biodiversity Strategy for 2030</u>)	Fraction of working land with (semi-)natural habitat at 1 km ² scale (%)
	By 2030, reduce water withdrawals in high water impact parts of your value chain(s) by X% in line with environmental flow needs.*	Prioritize high risk/impact parts of value chain: following Enterprise Water Targets *Locally dependent: following CEO Water Mandate Site Water Targets Informed by Catchment-Context	Water withdrawals (m ³)
	By 2030, reduce water quality pressures in high impact parts of your value chain by X% to align with good ambient water quality.	Prioritize high risk/impact parts of value chain: following Enterprise Water Targets *Locally dependent: following CEO Water Mandate Site Water Targets Informed by Catchment-Context	Pollutant loading rate (kg pollutant/year)

Interim Targets

Action	Interim target	Guidance for companies	Indicators
Reduce & Regenerate	By 2030, reduce value chain GHG emissions by 50%, and by 90-95% further by 2050, in accordance with sectoral ambitions*.	SBTi Net Zero Standard (includes new sector-specific reductions and pathways, see page 16). *These values are cross-sectoral averages, the exact ones will depend on your sector and should be taken in accordance to SBTi guidance.	GT CO ₂ e or Mt CO ₂ (absolute targets); tCO ₂ /t (product, e.g. cement or steel) or gCO ₂ /spatial unit (intensity targets)
	In addition to emissions reductions, <ul style="list-style-type: none"> - By 2030, for forestry-related companies, increase carbon removals to a level that exceeds their emissions by 2030* - By 2030, for all other AFOLU-related companies, Increase carbon removals in line with the global carbon removal goal of 4.7 GtCO₂e by 2030**. 	* SBTi Net Zero Standard ** Roe et al. 2019 See CBD Target 8 for potential ambition level across sectors/global economy	GT CO ₂ e

Interim Targets

Action	Interim target	Guidance for companies	Indicators
Restore	<i>Increase area under restoration</i> in all ecosystems (land, freshwater, marine) in your area of influence	See CBD post-2020 GBF Target 2 for an indication of how much restoration may be needed. Specific guidance on how much restoration is needed in a specific location is not yet available.	Surface under restoration in each ecoregion (%; ha)
	<i>The SBTN community is still working on determining sufficient interim target levels and guidance on deriving these across contexts and will be made available by the time of CBD COP15 in 2022.</i>		

Interim Targets

Action	Interim target	Guidance for companies	Indicators
Transform	<i>Take actions contributing to system-wide change, notably to alter the drivers of nature loss, e.g. through technological, economic, institutional, and social factors and changes in underlying values and behaviors.</i>	<i>Setting SBTs for nature is fundamentally transformative because it requires businesses to understand their impact on the world through a societal materiality perspective. By taking a societal perspective, companies open the door to internal transformation (e.g. of their business model and decision-making processes) and to external transformation (e.g. of the systems in which they are embedded). (SBTN Initial Guidance, 2020)</i>	<i>No available indicator of transformation yet</i>