



SCIENCE BASED TARGETS NETWORK
GLOBAL COMMONS ALLIANCE

OCEAN SCIENCE-BASED TARGETS

For the seafood sector

Webinar – March 25, 2025

SBTN INTRODUCTION



Varsha Vijay
Technical Director
Science Based Targets Network (SBTN)



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Ocean Hub Leadership



Alice Thomas-Smyth
Marine Conservation Scientist, Nature
Positive Oceans
WWF

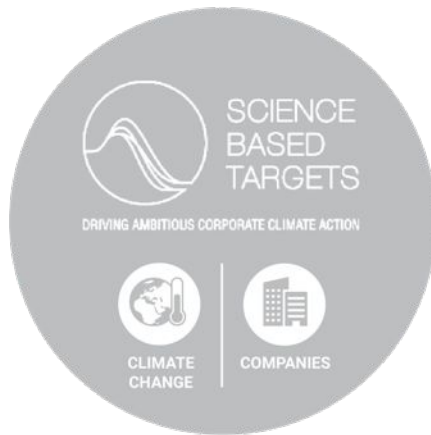


Taylor Witkin
Program Manager, Ocean Metrics &
Responsible Business
Conservation International



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A NET ZERO **PATHWAY** FOR BUSINESS

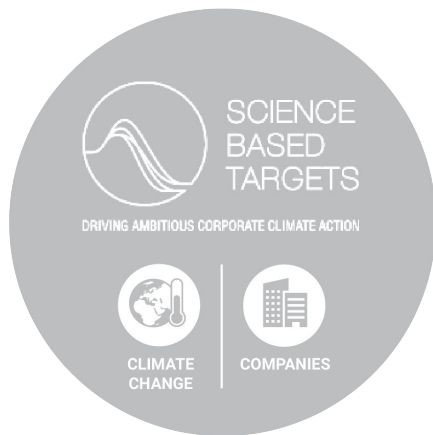


CLIMATE

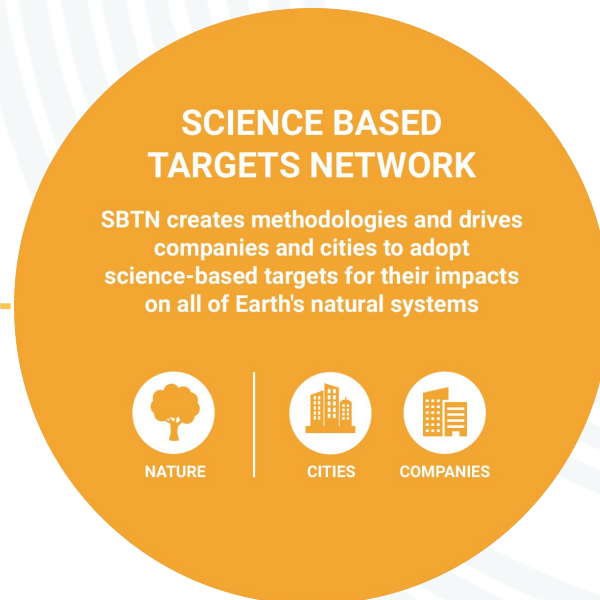


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A NET ZERO, NATURE POSITIVE PATHWAY FOR BUSINESS



CLIMATE



NATURE

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



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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

UNPRECEDENTED COLLABORATION FOR CREDIBLE ACTION



SCIENCE-BASED TARGETS ENABLE COMPANIES TO MEASURE THEIR CONTRIBUTION S TO NATURE POSITIVE OUTCOMES



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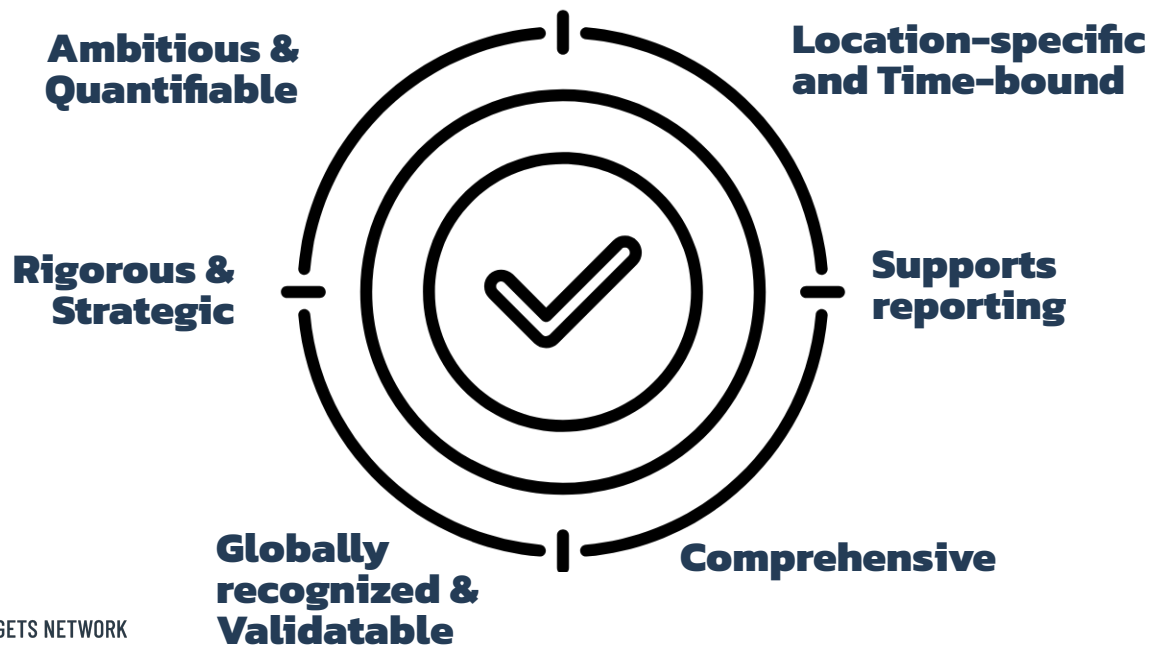
Without proper management tools, companies are putting excessive **pressures on nature** through their operations and supply chains.

Science-based targets for nature take direct aim at these pressures with measurable, time-bound, and location-based goals.



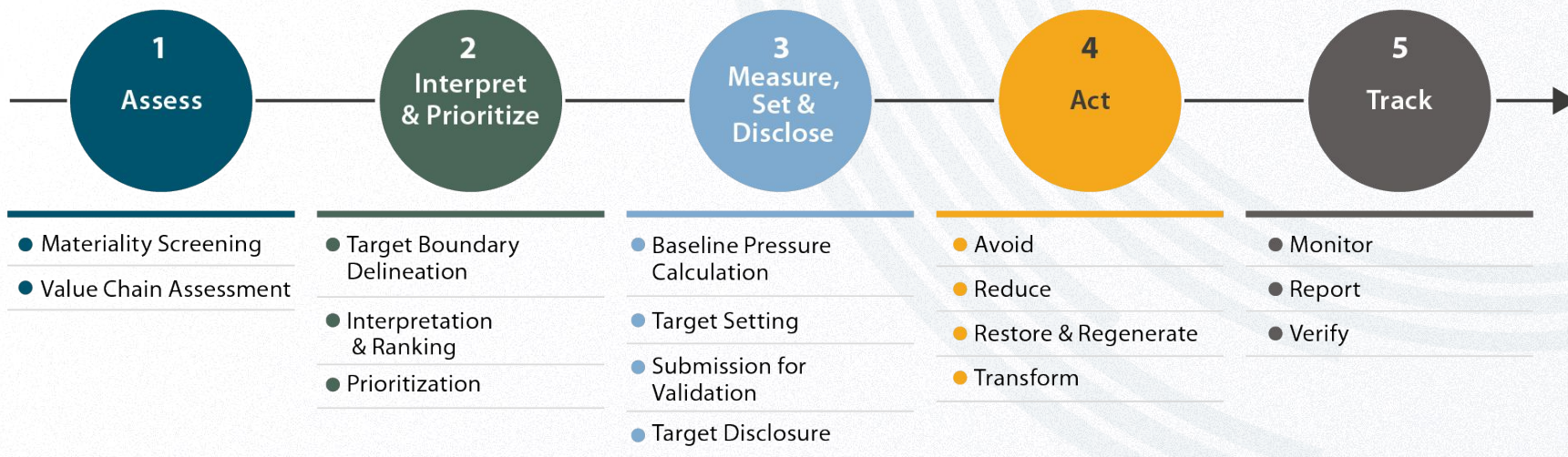
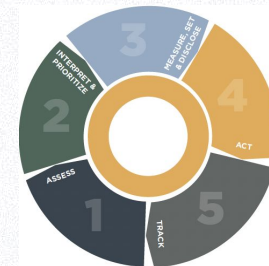
Guided by the targets, companies take actions that contribute to **nature positive outcomes** so nature, people and business can thrive.

TAKING TARGETS FURTHER: HOW **SCIENCE BASED TARGETS CAN STRENGTHEN CORPORATE ACTION**



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SBTN'S 5-STEP APPROACH



“

SBTN allowed us to move from improvements based on only our own experience to targets that we know are **good enough for the planet** (Alpro)

Science-based targets for nature has helped us [...] better respond to **nature-related risks** across our value chain (Nestle)

It gives **credibility** to the company. It is not a target that is set with your finger in the air (Holcim)

SBTN changed the way we engage with our suppliers to increase **traceability & transparency** (GSK)

The process is **rigorous** and science-based, paving the way for other frameworks (Bel)



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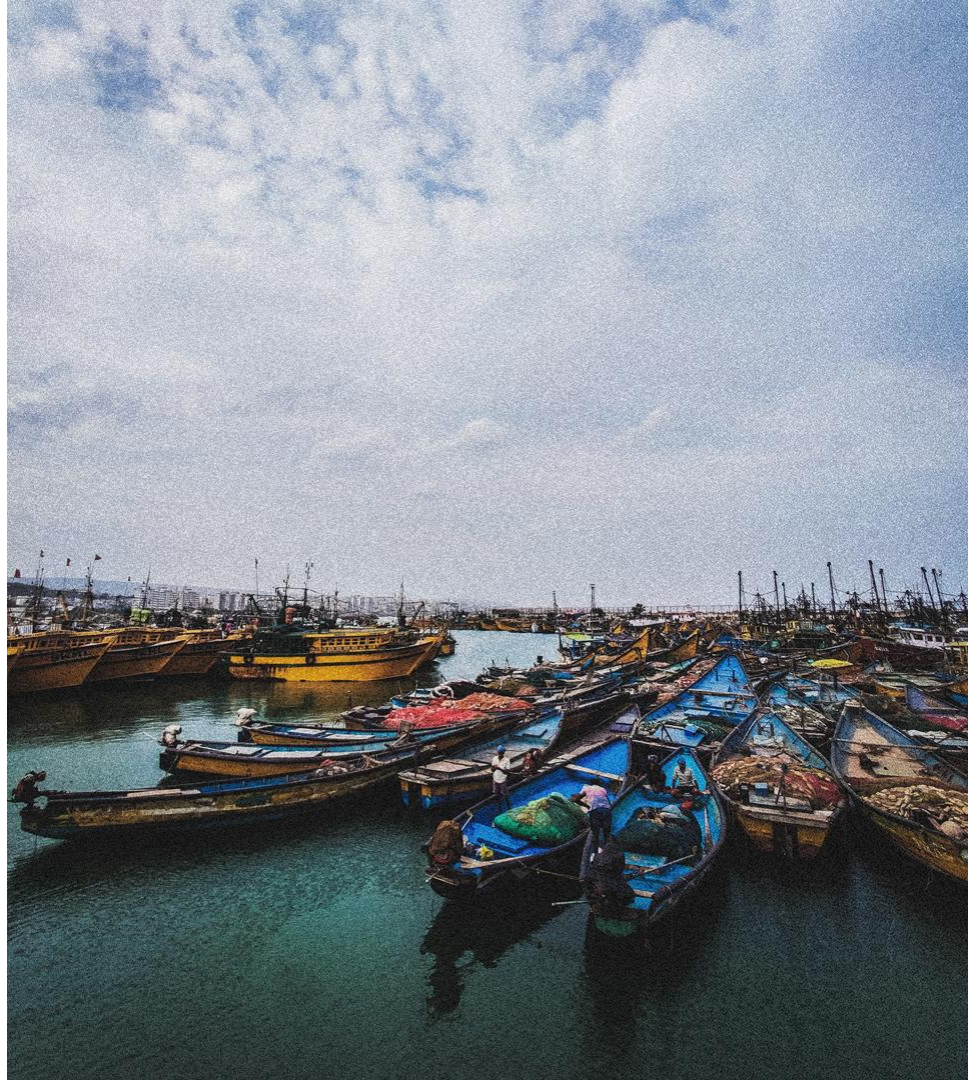
SBTN HAS PROVEN CORPORATE DEMAND



- 150+ companies currently working toward setting targets
- 10 companies with validated targets, and 3 with publicly disclosed targets
- Corporate representation in 30+ countries, with 5 regional working groups to deepen nature action
- Launched programs with the Japanese and French governments



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RECOGNIZING CREDIBLE EFFORTS AS COMPANIES PROGRESS

Flexible pathways and focused progress to target setting

- **Business Units:** focus on the most prepared and/or impactful parts of business
- **Materiality Assessment:** receive validation on materiality assessment without committing a time frame to setting targets
- **Issue areas:** focus on high-priority material pressures focusing just on ocean or land or freshwater. For ocean, focus on specific stocks for ocean targets or submit targets just for direct operations
- **Most material impacts:** focus value chain assessment on a narrowed scope of economic activities and commodities
- **Target boundaries:** prioritize action where traceability is available, while improving value chain traceability



SEAFOOD TARGETS INTRODUCTION



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ANNOUNCING THE FIRST OCEAN SCIENCE-BASED TARGETS **FOR SEAFOOD**



**Avoid and Reduce
Overexploitation**



Protect Structural Habitats



**Reduce Risk to ETP Marine
Populations**



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STEP 3 METHOD DEVELOPMENT

SBTN Ocean Hub

Step 3 (Measure, Set & Disclose targets) for seafood
Led by CI and WWF

CONSERVATION
INTERNATIONAL



Steering Committee

Advice and led development
of seafood SBTs



SBTN Corporate Engagement Program (CEP)

Informal consultations with
companies in SBTN's CEP
(>110 partner organizations)



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Pilot Program



Public Consultation



Expert Review Panel



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SBTN EXPANDS **THE SCOPE AND PACE** OF ACTION FOR A RESILIENT BLUE ECONOMY

Companies who set seafood science-based targets stand to benefit from:

Reduced business risk

Proactively reduce risks from overexploitation, habitat loss, and marine wildlife impacts in seafood supply chains

Identify stock sustainability issues earlier by leveraging the best available science

Improved accountability & leadership

Enhance your corporate disclosure and regulatory alignment through SBTN's rigorous framework

Drive meaningful environmental and social improvement across the full seafood value chain

Scaled positive impact

Take action where it is needed the most across seafood portfolios, reflecting local needs

Standardized approach ensures a consistent and comparable approach, facilitating pre-competitive collaboration with other leading companies

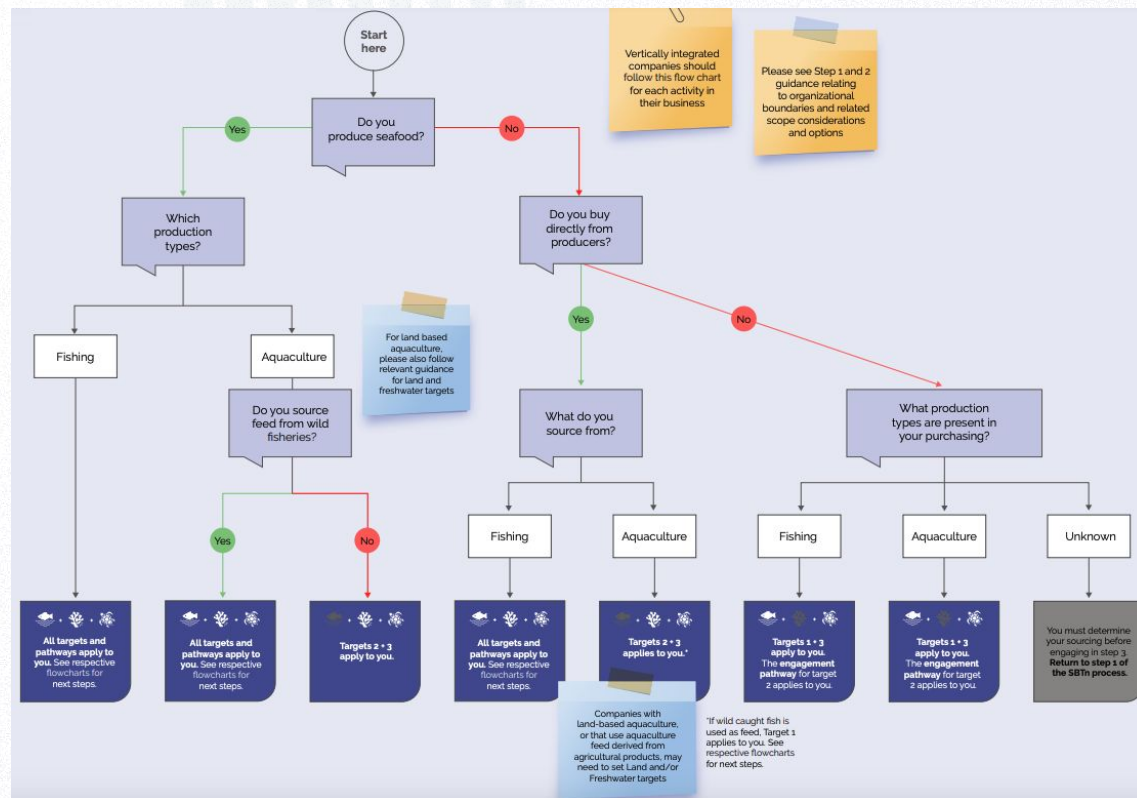
Integrate your risks across land, freshwater, and ocean in one consistent target-setting approach



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WHO IS THIS GUIDANCE FOR?

Companies with seafood in their supply chains: From seafood producers (fishing and aquaculture) to retailers



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SETTING SCIENCE-BASED TARGETS



DATA SOURCE SELECTION

Based on target guidance, companies select the **best available data** to form their targets.



PATHWAY DETERMINATION

Each target has **different pathways** for companies depending on their operations, sourcing, or position in the supply chain



COMPANY-SPECIFIC TARGETS

Companies apply the data and target methods to calculate their **specific targets**.



TARGET VALIDATION

Everything a company needs to have their targets **validated by Accountability Accelerator**.



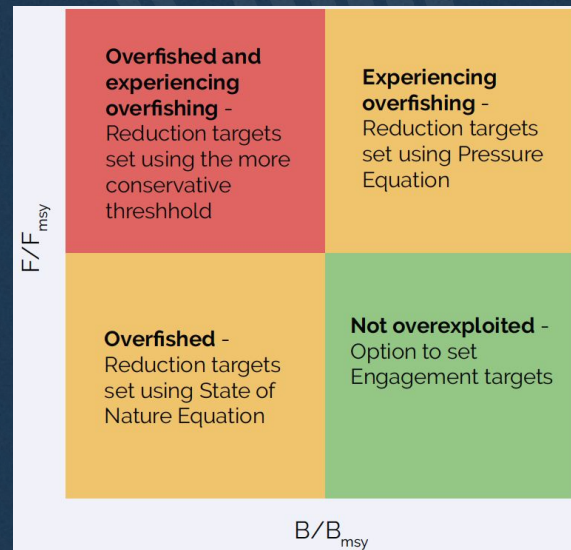
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SETTING SCIENCE-BASED TARGETS



Target 1: Avoid Overexploitation

Stock Health
Fishing Pressure



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SETTING SCIENCE-BASED TARGETS



Target 2: Protect Marine Habitats

Operational Externalities
Habitat Health

Table 2 — List of potential indicators for Target 2.

Pathway	Dimension	Metric
Operations	Outputs	Nutrient output at site
Operations	Outputs	Fallow and rest schedule
Operations	Outputs	Adoption (%) of non-damaging gear
Operations	Outputs	Percent reduction of forage fish dependency in feed
Engagement	Ecosystem	Services provided by ecosystems or an assessment of critical natural assets
Engagement	Ecosystem	Habitat connectivity, extent, etc.
Engagement	Ecosystem	Species Threat Abatement and Restoration (STAR) score at the seandscape scale
Engagement	Governance	Implementation of and non-siting in Marine Protected Areas, Conserved Areas, Other Effective Conservation Measures (OECMs), and other protected areas, such as wetlands or mangroves
Engagement	Governance	Type of governance implemented in the initiative, e.g., full, equitable, inclusive, effective, and gender-responsive representation and participation in decision-making, including a gender-action plan
Engagement	Governance	Ecosystem-based Management in place
Engagement	Governance	Co-management systems and areas established in the area
Engagement	Social	Gender equity in the fishery and/or farm
Engagement	Social	Markers of human health and well-being



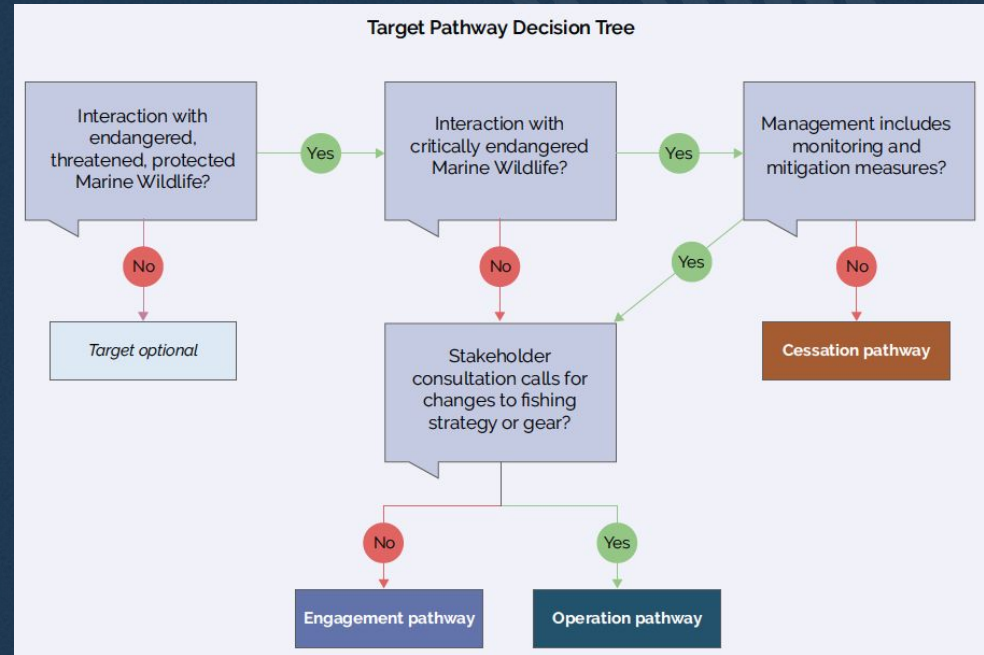
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Target 3: Risk to ETP Species

Operations and
management-based risk
Risk of extinction



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TARGET PATHWAYS

Pathways allow for multiple approaches to target-setting, depending on a company's position in the supply chain, the commodities, and their pressures on nature

Target 1 - Avoid Overexploitation

Reduce & Engage

Cap & Engage

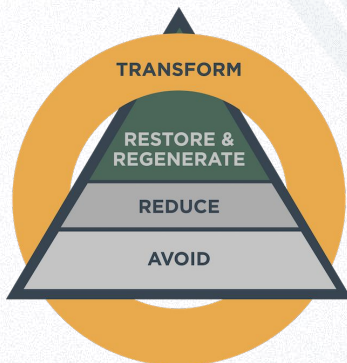
Engagement

Cessation

Target 2 - Protect Habitats

Operations

Engagement



Target 3 - Risks to ETP Species

Operations

Engagement

Cessation



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Theory of Change: Engagement

E

Engagement Pathways : Companies commit to engage in improvement initiatives at seascape or jurisdictional levels that contribute to the target outcomes.

Help First Principle – unless thresholds requiring cessation are met, targets are structured around companies taking actions in sourcing regions to improve conditions for species, ecosystems, governance, and/or communities.

Stakeholder Engagement – companies must partner with or engage with appropriate stakeholders to ensure engagement is meaningful and will achieve the goals.

Incorporate Existing Work – this pathway is designed to incorporate existing engagement work in target regions that meet target outcomes to help companies build on their current portfolio of engagement.

Restoration, Regeneration, Transformation – currently the only pathway for these actions in the guidance.



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TARGET EXAMPLES

Reduction (Target 1)

By **2030**, Silmaril Seafoods will **reduce** its sourcing of Atlantic blue marlin by **13%** compared to a **2025** baseline.

Operations (Target 2)

By **2030** (five years from the 2025 start date), Caridea's suppliers will implement improvement efforts to **reduce nutrient discharge** into waters surrounding its **shrimp farms** in Southeast Asia, in line with their carrying capacity, to reduce harmful impacts to local mangroves and coral reefs.

Cessation (Target 1)

Silmaril Seafoods will **cease sourcing** Atlantic blue marlin from West Africa by **2045** due to continued overexploitation despite efforts for improvement since **2025**.

Engagement (Target 3)

Starfoods Group is engaged in **local improvement initiatives** for mangrove conservation and restoration in the Eastern Tropical Pacific to reduce risks to Scoophead sharks by **2035**, compared to a **2025 baseline**.



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SUPPORTING RESOURCES

- Interpretation of Steps 1 & 2 for the Ocean
- Data Resources and Tools
 - Suggestion form
- Scoring tool for Target 3
- Overview for decision makers
- FAQ



Useful resources



Step 3 Ocean Technical Guidance V1

Methods for companies setting seafood science-based targets.



Addendum to SBTN's Step 1: Assess and Step 2: Prioritize

Companion guide to read in tandem with the original Step 1 and 2 technical guidance, with specific notes for the seafood sector.



Ocean Data Resources Tool

A compiled list of resources and tools for companies to source Stock Health and State of Nature data for each of the targets.



Data Resource Suggestion Form

Suggest additional resources for the Ocean Hub to add to the Data Resource Tool above.



The Endangered, Threatened, and Protected Species Risk Assessment Scoring Tool

A data-limited, stakeholder engagement tool developed by the Ocean Hub as an optional resource for companies as part of Target 3 to help companies quantify and baseline their target.



1 Page Overview for Decision Makers

Read or share this 1 page summary of the Ocean methods, which outlines benefits for companies



Ocean Targets Public Consultation

Learn more about the public consultation process used to develop the Ocean targets.



Frequently Asked Questions

Find Ocean-specific FAQs in the Technical FAQs Step 3 section.

ALIGNMENT & INTERPLAY

Ensuring alignment & collaboration with existing seafood standards, certifications, frameworks, and commitment practices.

TNFD

- Aligned definitions for habitats and listed species
- Aligned target indicators
- Working closely on future sectors

Goal: Ocean targets improve TNFD disclosures

CSRD & ESRS

- Target metrics covered in E2 (pollution), E3 (water and marine resources), and E4 (biodiversity & ecosystems)
- Targets disclosed under ESRS

Goal: Ocean targets assist in identifying metrics for and improve CSRD disclosures

Seafood Certifications

- Target setting can enable certification
- Certified seafood recommended as key source of improved traceability and data accessibility

Goal: Ocean targets work with and alongside certifications to increase support for certifying seafood and outcomes for uncertified seafood.

COMING SOON! OCEAN TARGET VALIDATION

- Independently performed by Accountability Accelerator
- Data submission forms tailored to each target
- Must first have SBTN Step 1 & Step 2 completed



EXPRESS INTEREST IN OCEAN TARGET VALIDATION!

- Companies interested in being in the first cohort of companies setting Ocean targets
- Identifying interested companies without dates at this time
- Not a commitment to set or act on targets

SBTN Ocean Hub Initial Target Validation: Expression of Interest

The Science Based Targets Network (SBTN) has launched its first methods for ocean targets, focusing on the seafood sector. These equip companies with a holistic and rigorous framework to address their impacts on marine and coastal systems – through seafood supply and value chains – and set measurable, actionable, and time-bound objectives based on the best available science, to align with Earth's limits and societal sustainability goals.

We are now inviting companies to register their interest in setting seafood science-based targets. Please note, this is not a commitment but an opportunity for SBTN to understand corporate demand and determine resources.



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NEXT STEPS

1. Explore the methods and supporting guidance
2. Complete SBTN Step 1 & Step 2
3. Register interest in setting Ocean targets





THANK YOU

sciencebasedtargetsnetwork.org