



EU Business@Biodiversity Platform

Science-based targets for biodiversity: state of play and business & finance perspectives

Webinar 24 March 2020, European Commission, Brussels

Background on science-based target initiatives

Biodiversity and Nature SBT-initiatives

Science Based Targets Network	
Objectives of the initiative	<p>We envision a global economy in which companies and cities operate within environmental boundaries on a socially equitable basis through the setting of science-based targets to reduce their impact.</p> <p>Our mission is to spark the just transition of the global economy by:</p> <ul style="list-style-type: none">- <u>Developing methodologies</u> that can be used by companies, investors, cities, and their value chains, to set science-based targets that allow them to contribute to staying within planetary boundaries.- <u>Building on the progress</u> of establishing science-based targets for climate to achieve widespread adoption of science-based targets on water, land, biodiversity and ocean by 2025.- <u>Making significant and demonstrable progress</u> in line with key global policy milestones like the SDGs, and goals and targets under the UNFCCC, UNCCD, CBD.- <u>Working to embed adoption</u> of science-based targets within capital markets by partnering with policy makers, financial institutions and service providers such as benchmarkers and credit agencies.
Organisation(s) leading and involved with the initiative	<p>SBTN is a collaboration by some of the world's leading institutions such as the World Economic Forum, WWF, WCMC, and WRI. They include the same 5 organizations behind Science Based Targets Initiative for corporate climate action, plus 20+ more (list available here).</p> <p>The Science Based Targets Network is part of the Global Commons Alliance, a network of organizations, businesses and governments aiming to positively transform the world's economic systems and protect the global commons.</p>
Targets (under development)	<p><i>SBTN is developing the methodologies for science-based target setting across <u>all earth systems</u>.</i></p> <p><i>We are beginning with integrated proxy guidance for <u>companies</u> and <u>cities</u> to contribute to global goals for stopping the loss of nature.</i></p> <p><i>Issue hubs are working on specific methodologies for <u>water</u>, <u>land</u>, <u>ocean</u> and <u>biodiversity</u>.</i></p>
Who is the target audience? How many are involved so far?	<p>We aim to establish a 'coalition of the willing' with leading institutions, supporting the implementation of science-based targets in cooperation with the world's influential companies and cities. Corporate and city engagement is just beginning.</p>
Other actors involved in the initiatives, including corporates and financial institutions	<p>Significant consultation with key stakeholders, including companies and cities is an integral part of methodology development.</p>
Expected outputs of the initiative	<p>SBTN outputs include methods and resources to enable companies and cities to set science-based targets for the interrelated 'systems' of climate, freshwater, biodiversity, land and the ocean across their value chains. These</p>



	will be informed by current science along with reports to be produced by the newly formed Earth Commission .
Timeline of the initiative	We will issue integrated proxy guidance on science-based targets for nature during 2020, the “super year” for nature, and will issue integrated SBT methodology for all earth systems by 2022. We will aim to ensure that the adoption of science-based targets for companies and cities is standard practice by 2025.
Key challenges faced by the initiative requiring particular attention	Nature is much more complex and multifaceted than climate and lacks the decades of investment in a shared vocabulary, investment and MRV infrastructure that has been built for climate
Areas for further development	This initiative is in early implementation, so all aspects require further development.
Relevant hyperlinks	http://sciencebasedtargetsnetwork.org
Contact:	Erin Billman (director), Erin O'Grady (project coordinator, erin.o@sciencebasedtargetsnetwork.org)

Science Based Targets initiative (including FLAG - Forest, Land and Agriculture Related Sectors)

Objectives of the initiative	Develop 'well below' 2 C and/or 1.5 degree sector decarbonization pathways for land intensive sectors for the Science-based Targets Initiative
Organisation(s) leading and involved with the initiative	WWF Land lead within SBTi, Other SBTi members include WRI, CDP, UNGC
<i>Targets (under development)</i>	<i>Well Below 2 C and/or 1.5 degree for forestry, agriculture and food sectors</i>
Who is the target audience? How many are involved so far?	Forestry, Agriculture/Food sectors, we are accepting expressions of interest in participating in our corporate consultative groups at FLAG-sbti@wwfus.org
Other actors involved in the initiatives, including corporates and financial institutions	838 companies have committed to setting SBTs for climate - see website (https://sciencebasedtargets.org) for a list
Expected outputs of the initiative	Target setting guidelines and support tools
Timeline of the initiative	Jan 2020 – July 2021
Key challenges faced by the initiative requiring particular attention	Societal activities, removals
Areas for further development	
Relevant hyperlinks	https://sciencebasedtargets.org/sbt_events/project-launch-science-based-targets-for-forest-land-and-agriculture-flag-related-sectors/
Contact:	Chris Weber and Martha Stevenson

Biodiversity and Nature Commitment-initiatives

United Nations Convention on Biological Diversity Post- 2020 Global Biodiversity Framework

Objectives of the initiative	Transform economic, social and financial models so trends that have exacerbated biodiversity loss will reverse in the next 10 years, towards the 2050 vision of 'living in harmony with nature'.
Organisation(s) leading and involved with the initiative	United Nations Convention on Biological Diversity
<i>Commitments</i>	<i>Targets still in negotiation but likely to be structured around 4 key areas:</i>



	<ul style="list-style-type: none"> - <u>Area and integrity</u>: Targets around no net loss of area and integrity of freshwater, marine and terrestrial systems - <u>Species</u>: A reduction target for the percentage of species threatened with extinction and a target for an average increase in species abundance - <u>Genetic</u>: A target for the maintenance or enhancement of genetic diversity - <u>For all people</u>: Targets for improving the benefits provided by nature to people, including access to food and to drinkable water; resilience against natural disasters and target to achieve the Paris agreement - <u>Sharing benefits</u>: a target for sharing benefits from genetic resources and traditional knowledge
Who is the target audience? How many are involved so far?	UN signatories of the Convention on Biological Diversity, 196 states Other organizations (NGOs, groups of businesses) are involved as observers. Group of FIs could also be part of the process.
Other actors involved in the initiatives, including corporates and financial institutions	Non-state actors are not sufficiently and explicitly included in the 0 draft of the framework, but private-sector (business and financial sector) mainstreaming is expected directly and through national implementation of the framework.
Expected outputs of the initiative	New targets and agreements to facilitate mainstreaming biodiversity into national policy decision making and all private sectors. Reporting and accountability.
Timeline of the initiative	2021-2030
Key challenges faced by the initiative requiring particular attention	Financing and mobilisation of resources to achieve the CBD framework. General agreement on mainstreaming of biodiversity. Agreement of targets between signatory parties
Areas for further development	The framework will be negotiated and agreed throughout the course of 2020.
Relevant hyperlinks	https://www.cbd.int/conferences/post2020
Contact:	Convention on Biological Diversity Secretariat, Odile Conchou (Resource mobilisation, and, finance & biodiversity) and Bianca Brasil (business & biodiversity)

Global Apex Goal for Nature	
Objectives of the initiative	To articulate a measureable 2030 Apex Goal to guide ambitious nature conservation efforts over the next decade for the benefit of people and nature.
Organisation(s) leading and involved with the initiative	Business for Nature, Capitals Coalition, WBCSD, WWF, WRI, UNEP-WCMC and many more
Commitments	1) Zero Net Loss of Nature from 2020; 2) Net Positive by 2030; 3) Full Recovery by 2050.
Who is the target audience? How many are involved so far?	Business, including Finance
Other actors involved in the initiatives, including corporates and financial institutions	Three private sector platforms – WBCSD, WEF and Business for Nature – have been instrumental in driving this initiative
Expected outputs of the initiative	A common call for a 2030 mission for nature shared by all orgs, which is reflected in key Super Year decisions to be taken on Nature, Climate & People. A common narrative in support of this.
Timeline of the initiative	Organizations first met in December 2019 and will continue meeting until the purpose of the initiative is reached.



Key challenges faced by the initiative requiring particular attention	COVID 19 Challenging to summarize the complexity of Nature, but also recognize the essential need to do this, and to build a nature framing comparable to climate neutrality and zero emissions
Areas for further development	Communications framing, socializing the idea, building consensus on safeguards especially on the concept of Net
Relevant hyperlinks	www.naturedeal.org
Contact:	gedwards@wwfint.org

Business for Nature	
Objectives of the initiative	<ul style="list-style-type: none"> - Demonstrate business action and amplify a powerful business voice calling for governments to reverse nature loss. - To show that there is a broad movement of companies that are setting targets to reduce their footprint through various means - To help companies understand where and how they can get engaged if they want to set commitments that contribute to reversing nature loss - To demonstrate credible action already being taken by companies
Organisation(s) leading and involved with the initiative	<ul style="list-style-type: none"> - Business for Nature; - Partner organizations (see following link for current list: https://www.businessfornature.org/)
<i>Commitments</i>	<p>Five high level policy recommendations:</p> <ol style="list-style-type: none"> 1. Adopt targets to reverse nature loss: Provide direction and ambition 2. Align, integrate and enforce policies for nature, people and climate: Ensure coherence 3. Value and embed nature in decision making and disclosure: Go beyond short-term profit and GDP 4. Reform subsidies and incentive mechanisms: Finance a just transformation 5. Join forces for nature and empower everyone to act: Engage, enable and collaborate <p><u>Cross-cutting:</u></p> <ul style="list-style-type: none"> - Act4Nature (http://www.act4nature.com/en/); - Natural Capital Coalition (https://naturalcapitalcoalition.org/projects/business-for-nature/natural-capital-commitment/) <p><u>Specific Areas:</u></p> <ul style="list-style-type: none"> - New York Forest Declaration - CDP (remove deforestation from supply chains) - New Plastics Economy Global Commitment - CSA100 (climate smart agriculture commitment) - AgWater Challenge - Business Alliance for Water and Climate (Improve water security) - CEO Water Mandate
Who is the target audience? How many are involved so far?	<ul style="list-style-type: none"> - Target audience: Business - 45 Partner organizations - For each commitment please refer to source web site for list of companies involved
Other actors involved in the initiatives, including corporates and financial institutions	Partner organizations (currently 45)
Expected outputs of the initiative	Increased awareness of sign posted commitments, resulting in more companies make commitments



Timeline of the initiative	<ul style="list-style-type: none"> - High level policy recommendations launched - Commitments framework and Actions scheduled for launch on BfN web site in April
Key challenges faced by the initiative requiring particular attention	<p>To be included, a commitment framework must meet the following criteria:</p> <ul style="list-style-type: none"> - Represents a public commitment or target by company signatories to achieve an outcome at a certain level for nature at a future date - Contains a public list of committed companies - A platform that is open to more companies participating
Areas for further development	
Relevant hyperlinks	https://www.businessfornature.org/policy https://www.businessfornature.org/commitments
Contact:	Martin Sneary (martin.sneary@businessfornature.org)

One Planet Business for Biodiversity - OP2B	
Objectives of the initiative	<ul style="list-style-type: none"> - A unique international cross-sectorial, action-oriented business coalition on biodiversity with a specific focus on agriculture, - Joining forces to help transforming the food and agriculture systems, in order to protect biodiversity for the benefit of planet and people.
Organisation(s) leading and involved with the initiative	Danone, WBCSD and other 20 companies : (to date) BarryCallebaut, DSM, InVivo, Google, Firmenich, Symrise, JDE , Migros, Mc Cain, Loblowl Nestle, Mars, Unilever, Kering, L 'Oreal , L occitane, AholdDelhaize, Walmart, Yara, Livelihoods
<i>Commitments</i>	<ol style="list-style-type: none"> 1- <u>Solutions</u>: Develop and deploy solutions to drive transformational systemic change and catalyse action to protect and restore cultivated and natural biodiversity within the value chains, 2- <u>Collaboration</u>: Work collaboratively across private, public and civil society sectors, engage institutional and financial decision-makers, and develop and promote policy recommendations in the Convention on Biological Diversity (CBD) COP 15 framework to be held in 2020. 3- <u>Reporting</u>: Report transparently on progress and impact <p>Within the given timeframe:</p> <ul style="list-style-type: none"> - By June 2020, to be announced: Develop compendium of systemic measurable solutions to be implemented by OP2B members in value chains - By October 2020, to be announced: to <ul style="list-style-type: none"> - Disclose companies individual ambitious, timebound and measurable commitments - Disclose policy proposals that would help to deliver successful outcomes
Who is the target audience? How many are involved so far?	Companies CEO-level, visionary and / or anticipating, having challenges in their supply chain due to climate and Nature changes. 21 now, more in discussion to join.
Other actors involved in the initiatives, including corporates and financial institutions	In progress with Farmers associations, start-ups on developing tools. Other coalitions and NGOs
Expected outputs of the initiative	Systemic transformation of the agriculture to more resilient and healthy systems for planet and people
Timeline of the initiative	Not defined
Key challenges faced by the initiative requiring particular attention	<ul style="list-style-type: none"> - Farmers involvement key, as part of the solution (stop agriculture bashing)



	<ul style="list-style-type: none"> - Financial system and subventions allocations system to become part of the discussion and solutions to finance the transition - Some countries championship would be useful - Systemic changes for Agriculture needed both in North and South, countries no distinction!
Areas for further development	- Role of the Agriculture in production and CONSERVATION.
Relevant hyperlinks	https://op2b.org
Contact:	Florence Jeantet (jeantet@wbcsd.org)
Act4nature international	
Objectives of the initiative	<ul style="list-style-type: none"> - Mobilise business in favour of biodiversity; - Change scale of action thanks to CEOs involvement from all sectors; - Show concrete commitments at large scale; - Initiate a bottom-up voluntary dynamics involving businesses and relevant stakeholders ahead of CBD COP15 in 2020. <p>Act4nature is an initiative launched by EPE (Entreprises pour l'Environnement) and a number of partners with the aim of mobilising companies to protect, promote and restore biodiversity.</p>
Organisation(s) leading and involved with the initiative	EPE
Commitments	<p>THE 10 COMMON COMMITMENTS signed by CEO</p> <ol style="list-style-type: none"> 1. <i>Integrating biodiversity into our corporate strategy, founding our action on available scientific knowledge;</i> 2. <i>Engaging in dialogue with all our stakeholders regarding their expectations and our impacts, actions and progress;</i> 3. <i>Assessing the various components of biodiversity of concern to us, using direct and indirect impact indicators, risk and performance indicators and, when relevant for decision making purposes, assessing in economic terms our impacts and our reliance on smoothly functioning ecosystems;</i> 4. <i>Promoting the progressive integration of biological diversity into decisions throughout our value chains, from the production of natural raw materials to the final stage of our products life cycle after use by consumers;</i> 5. <i>Primarily preventing, reducing and ultimately offsetting our impacts, by seeking on a case-by-case basis no net loss as a bottom line and even a net gain of biodiversity(4) in our activities and geogra- phical areas of influence, and by factoring in the need for ecosystems to adapt to climate change;</i> 6. <i>Giving priority to the development of Nature-based Solutions(5), ensuring that they are imple- mented in a science-based and biodiversity-friendly manner, and promoting a certain variety in such solutions;</i> 7. <i>Incorporating biodiversity into our dialogue with policymakers so that this issue is progressively embedded into public policies. When invited to do so, contributing to the national biodiversity strategies of countries where we operate;</i> 8. <i>Raising awareness of and train our employees in biodiversity and its relation to their jobs. Promo- ting and encouraging nature-friendly initiatives by them and providing due recognition to such actions and practices;</i> 9. <i>Mobilising resources and establishing appropriate partnerships to support and monitor our actions taken in the field;</i> 10. <i>Publicly reporting on the implementation of these commitments and of our individual commitments set out below.</i>



Who is the target audience? How many are involved so far?	This initiative aims to develop international collective momentum, driven by committed CEOs in all industries, followed by their colleagues and the public at large. In July 2018, 65 companies committed. We are preparing a new campaign of commitment for June and September 2020.
Other actors involved in the initiatives, including corporates and financial institutions	16 partners (business networks, french public authorities, NGOs, academic partners) http://www.act4nature.com/en/partners/
Expected outputs of the initiative	In joining act4nature, businesses undertake to include biodiversity in their global development strategies so as to help achieve the biodiversity targets set by the international community.
Timeline of the initiative	The www.act4nature.com website will be updated on 9 of June 2020 posting the update and new corporate commitments.
Key challenges faced by the initiative requiring particular attention	All companies have to endorse SMART individual commitments for biodiversity defined as <u>Specific</u> : range of actions that are directly or indirectly linked with biodiversity. <u>Measurable</u> : possibility to monitor their implementation through indicators of direct and indirect impacts, risks and progress and to identify, monitor and evaluate the effects on the state of biodiversity and on the evolutions of stakeholder's behaviors. <u>Additional</u> : that goes beyond mere compliance with current legislation or regulation, but also beyond current and past actions of the company, and results in positive, significant, tangible, direct or indirect impacts on biodiversity without negative impacts. <u>Realistic</u> : consistent with the company's activities as a whole, be it in terms of avoiding and reducing negative impacts or implementing measures beneficial to biodiversity. The objectives are defined proportionally to the company's size, means and activities. <u>Time-bound</u> : the objectives and planned actions evolve and are incorporated in an ambition that is ratcheted up regularly, in order to improve the ecological performance of the company. It is a true program with an explicit duration and implementation dates.
Areas for further development	Mobilize more and more companies with international activities in act4nature international. http://www.act4nature.com/wp-content/uploads/2020/03/A4_act4nature_international_commit_en.pdf
Relevant hyperlinks	http://www.act4nature.com/en/
Contact:	engagement@act4nature.com or sgillet@epe-asso.org



Background information, methods:

- CBD post 2020 agenda: <https://www.cbd.int/conferences/post2020/post2020-prep-01/documents>
- *Exploring Natural Capital Opportunities, Risks and Exposure* (ENCORE), UNEP WCMC, NCFA and UNEP FI: <https://encore.naturalcapital.finance/en>
- Planetary Boundaries / Stockholm Resilience Institute: <https://www.stockholmresilience.org/research/planetary-boundaries.html>
- *One Planet Approaches, A guide for companies to set science-based targets*, WWF and Metabolic, 2018: <https://www.metabolic.nl/publications/one-planet-approaches-set-science-based-targets/>
- *Aligning Finance for One Planet*, WWF, 2019. Report and summary: <https://wwf.panda.org/?355935/Aligning-Finance-for-One-Planet>
- *Planetary Boundaries Netherlands*, PBL, 2018: <https://www.pbl.nl/en/publications/using-planetary-boundaries-to-support-national-implementation-of-environment-related-sustainable-development-goals>

All information on the EU B@B series of webinars on SBT for biodiversity can be found here: <https://next-ma.eu/landing/eubiodiversity>.

Information on the EU Business@Biodiversity Platform:

https://ec.europa.eu/environment/biodiversity/business/index_en.htm

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