

Science-based Targets for Biodiversity: Species

Newcastle University, 11-13 February 2019

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Mission for the post-2020 framework

"Develop national strategies, plans and programmes for the conservation and sustainable use of biological diversity. Integrate [...] the conservation and sustainable use of biological diversity into relevant sectoral or cross-sectoral plans, programmes and policies"

Basic framework for setting a global net neutral target

Set a global vision statement for biodiversity conservation

Incorporate existing global biodiversity conservation goals

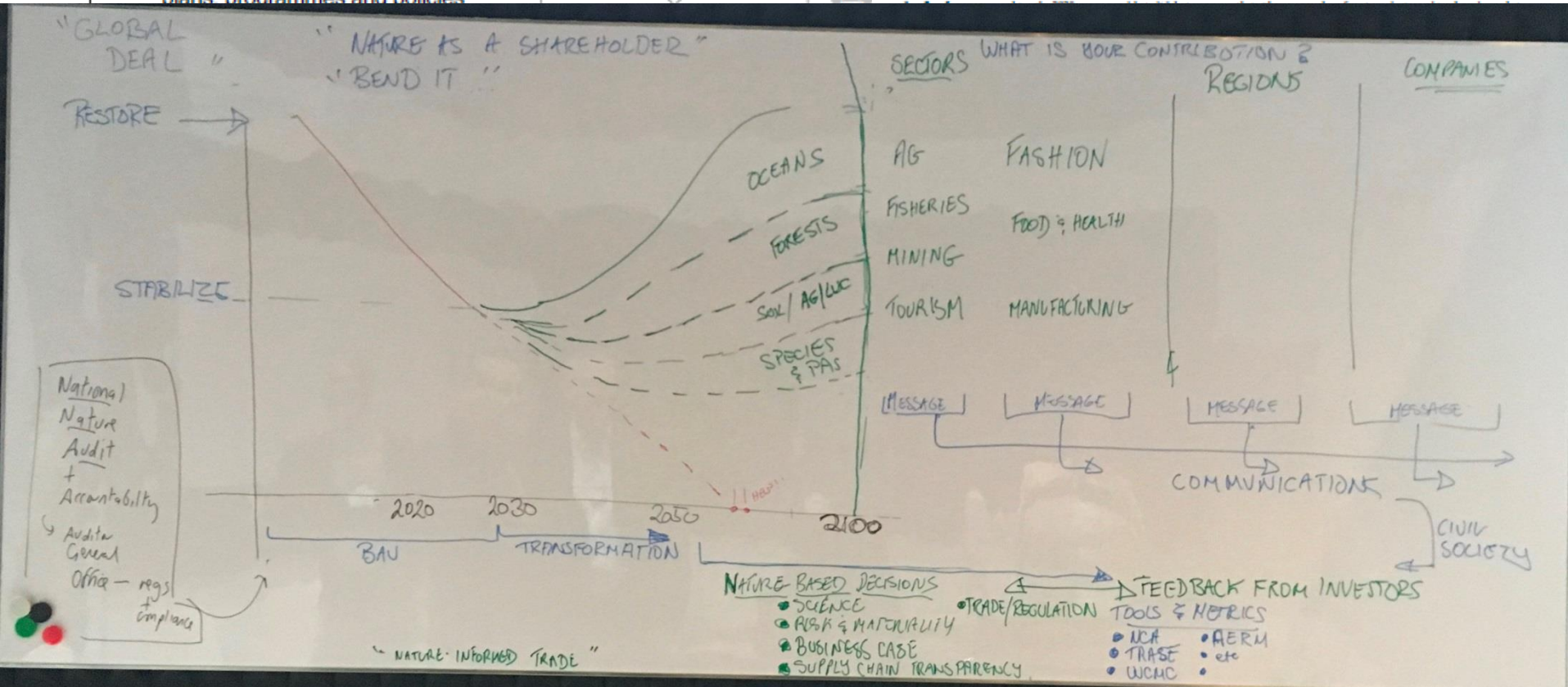
Develop a global net goal for reducing negative biodiversity impact that is set with a frame of reference by a relevant global authority

comment

Bold nature retention targets are essential for the global environment agenda

Ambitious targets for the retention — not just formal protection — of nature are urgently needed to conserve biodiversity and to maintain crucial ecosystem services for humanity.

Martine Maron, Jeremy S. Simmonds and James E. M. Watson



Analogy to the Paris Agreement

The image is a screenshot of the Science Based Targets website. At the top, there is a header with the text "Nations of" and "Conférence sur les Changement". Below this, the Science Based Targets logo is visible, featuring a stylized wave icon and the text "SCIENCE BASED TARGETS" and "DRIVING AMBITIOUS CORPORATE CLIMATE ACTION". To the right of the logo is a box with "515 COMPANIES TAKING ACTION". Further right is a search bar with a magnifying glass icon and the text "Enter your search", and a red button labeled "SUBSCRIBE TO NEWSLETTER". To the right of the button are three circular icons: an envelope, LinkedIn, and Twitter. Below the header is a navigation bar with links: "ABOUT", "COMPANIES TAKING ACTION", "SET A TARGET", "NEWS & EVENTS", "FAQS", and "CONTACT US". The main content area features a large image of wind turbines at sunset. Overlaid on this image is a dark blue box with white text that reads: "We're seeing a surge in companies embracing climate science to navigate the low-carbon transition". In the top right corner, there is a tilted white box containing text from the Paris Agreement: (a) "Convention" means the United Nations Framework Convention on Climate Change, adopted in New York on 9 May 1992; (b) "Conference of the Parties" means the Conference of the Parties to the Convention; (c) "Party" means a Party to this...

Nations of
Conférence sur les Changement

SCIENCE
BASED
TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

515
COMPANIES
TAKING ACTION

Enter your search

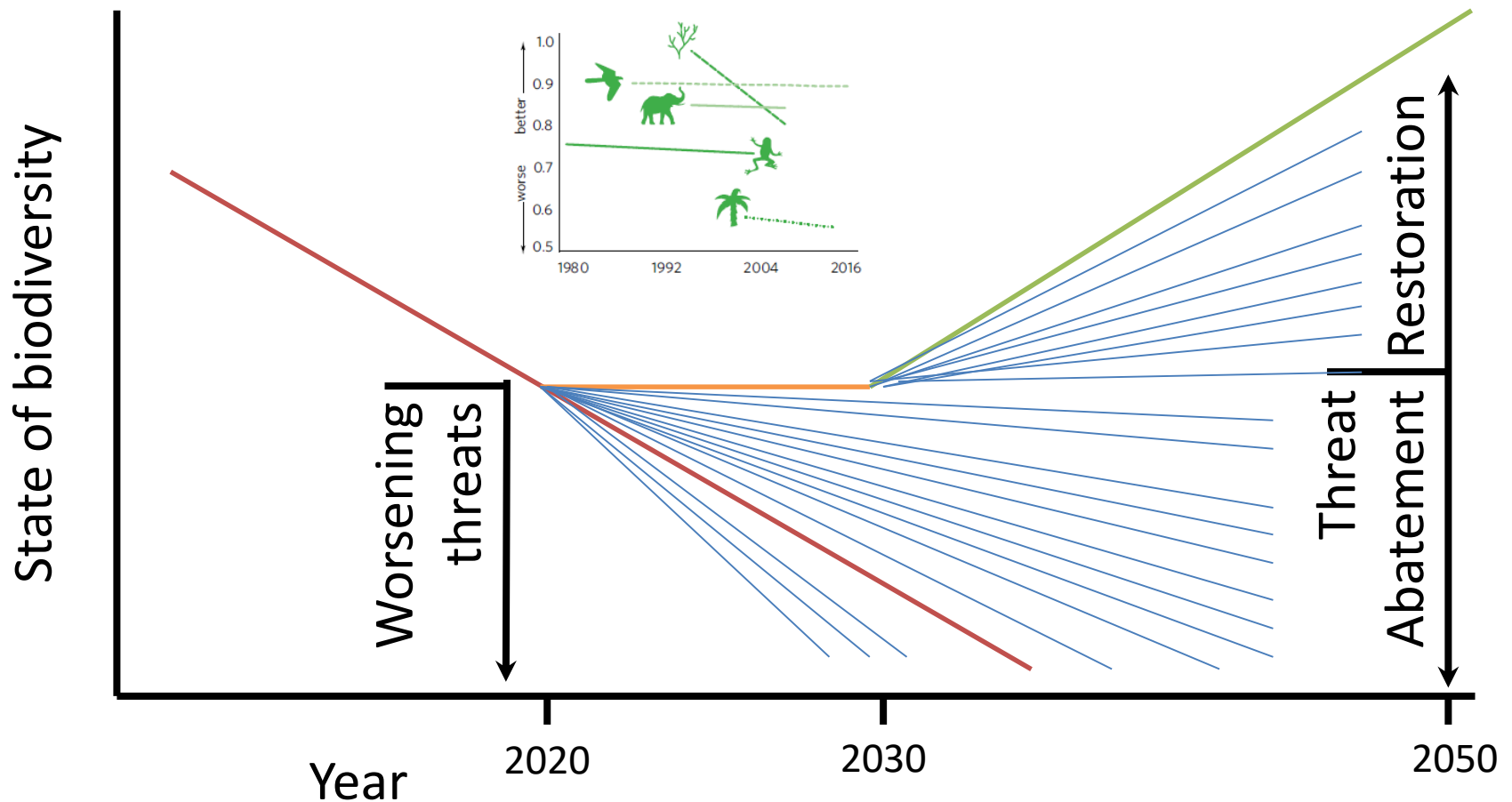
SUBSCRIBE TO NEWSLETTER

ABOUT COMPANIES TAKING ACTION SET A TARGET NEWS & EVENTS FAQS CONTACT US

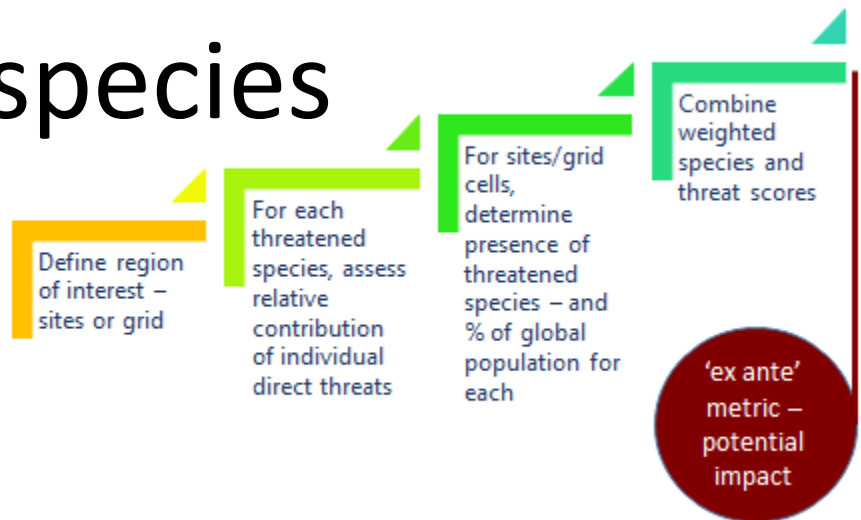
We're seeing a surge in companies embracing climate science to navigate the low-carbon transition

(a) "Convention" means the United Nations Framework Convention on Climate Change, adopted in New York on 9 May 1992;
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(c) "Party" means a Party to this...

Specific science-based targets for biodiversity

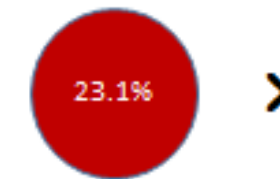


Objective 1: measuring science-based targets for species



Species 4 EN – 23.1%

EN – 3x weighting



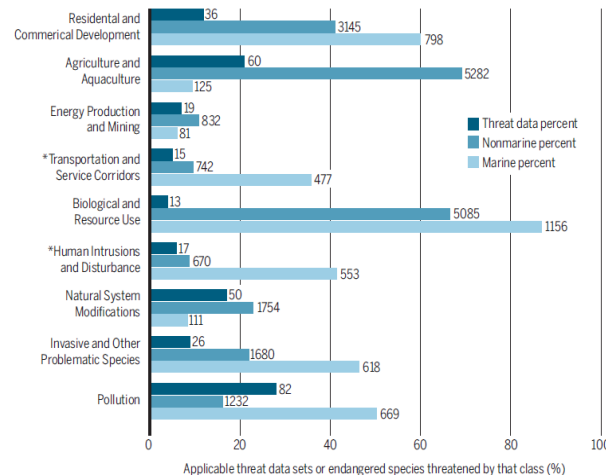
×

3

×

% population at site/square, P

Red List category weighting, w

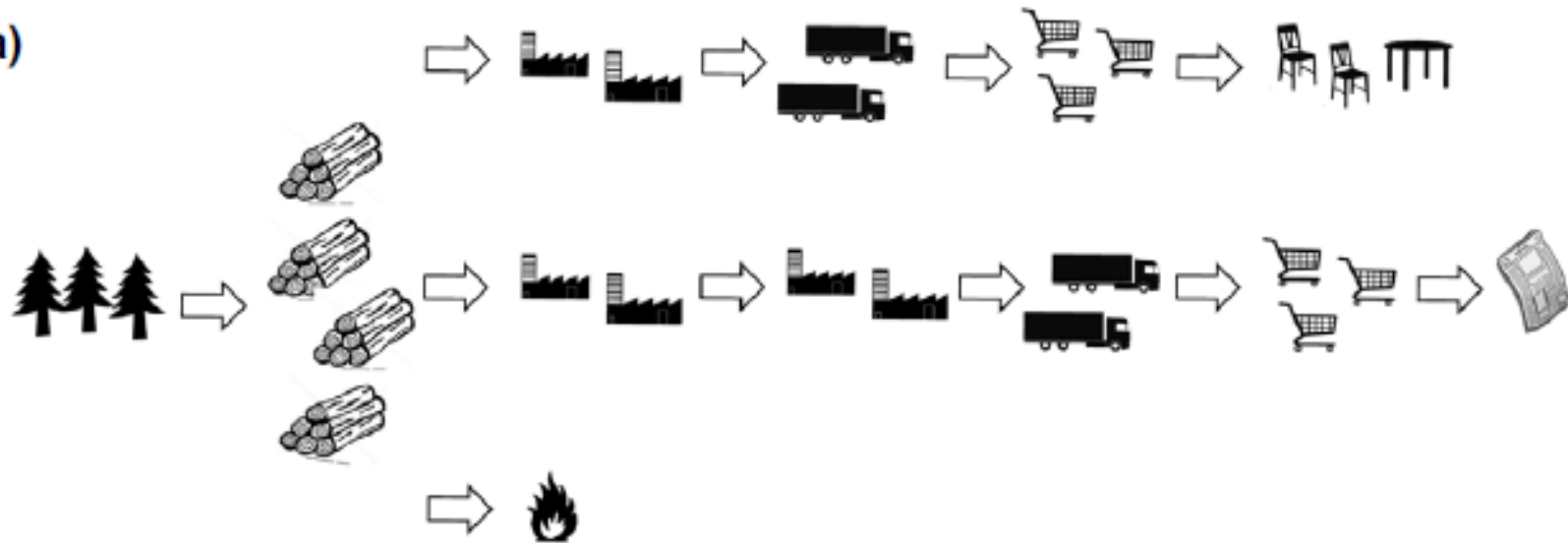


RoI ex-ante metric for each pressure = $\sum P.w.R$ (summed across species)

RoI ex-ante metric overall = $\sum \sum P.w.R$ (summed across pressures)

Objective 2: assessing telecoupled impacts

(a)



(b)



Delimiting the meeting

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Acknowledgements

Biodiversity Post-2020 Task Force

IUCN SSC
Species Survival Commission

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Welcome to the Post-2020 Task Force website!

The Convention on Biological Diversity will soon decide on what will replace the current Strategic Plan for Biodiversity 2011 – 2020, signed by 196 governments worldwide and designed to safeguard biodiversity globally. We are providing input into this process with a focus on species conservation.

GLOBAL COMMONS SYSTEMS EARTH COMMISSION SCIENCE-BASED TARGETS NETWORK SYSTEMS ACTORS ECONOMIC SYSTEMS

DRIVERS

BIODIVERSITY

CLIMATE

OCEAN

LAND

WATER

GHG EMISSIONS

WATER EXTRACTION

FRESHWATER POLLUTION

INVASIVE SPECIES

HABITAT DESTRUCTION

OCEAN-BASED POLLUTION

OVERFISHING

LAND DEGRADATION

LAND USE CHANGE

POLICY

BUSINESSES

CITIES

PEOPLE

The IUCN Red List Committee



The Red List Committee oversees and guides the work of the Species Survival Commission (SSC) on biodiversity assessments. This includes responsibility for The IUCN Red List of Threatened Species™ and advising on the functioning of the Species Information Service (SIS).

The Red List Committee sets the standards of scientific quality for the IUCN SSC's work on biodiversity assessments, develops guidelines on the application of these standards, ensures that evaluations of petitions against the listing of particular taxa on The IUCN Red List are carried out professionally and impartially, and builds collaboration with other organizations working on biodiversity assessments.

The Red List Committee includes representatives of the [Red List Partnership](#), the IUCN Species Survival Commission, and the IUCN Global Species Programme, as well as [several invited members](#).

Luc Hoffmann Institute

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