



THE CHALLENGE OF OUR LIFETIME

Andreas Beckmann, 29 March 2022



SUMMARY

The Challenge

The case for action

WWF's sustainability agenda

Science Based Targets initiative (SBTi)

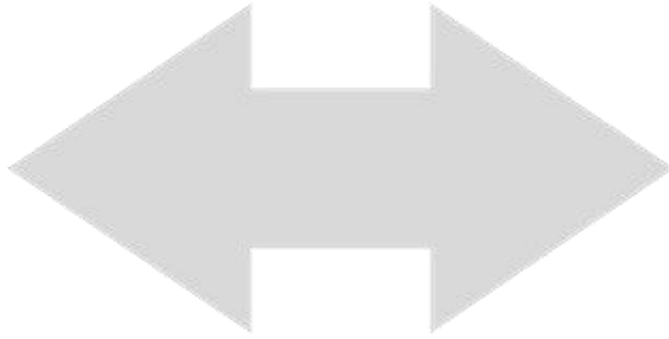


THE CHALLENGE

The two sides of the ecological challenge



Climate Change



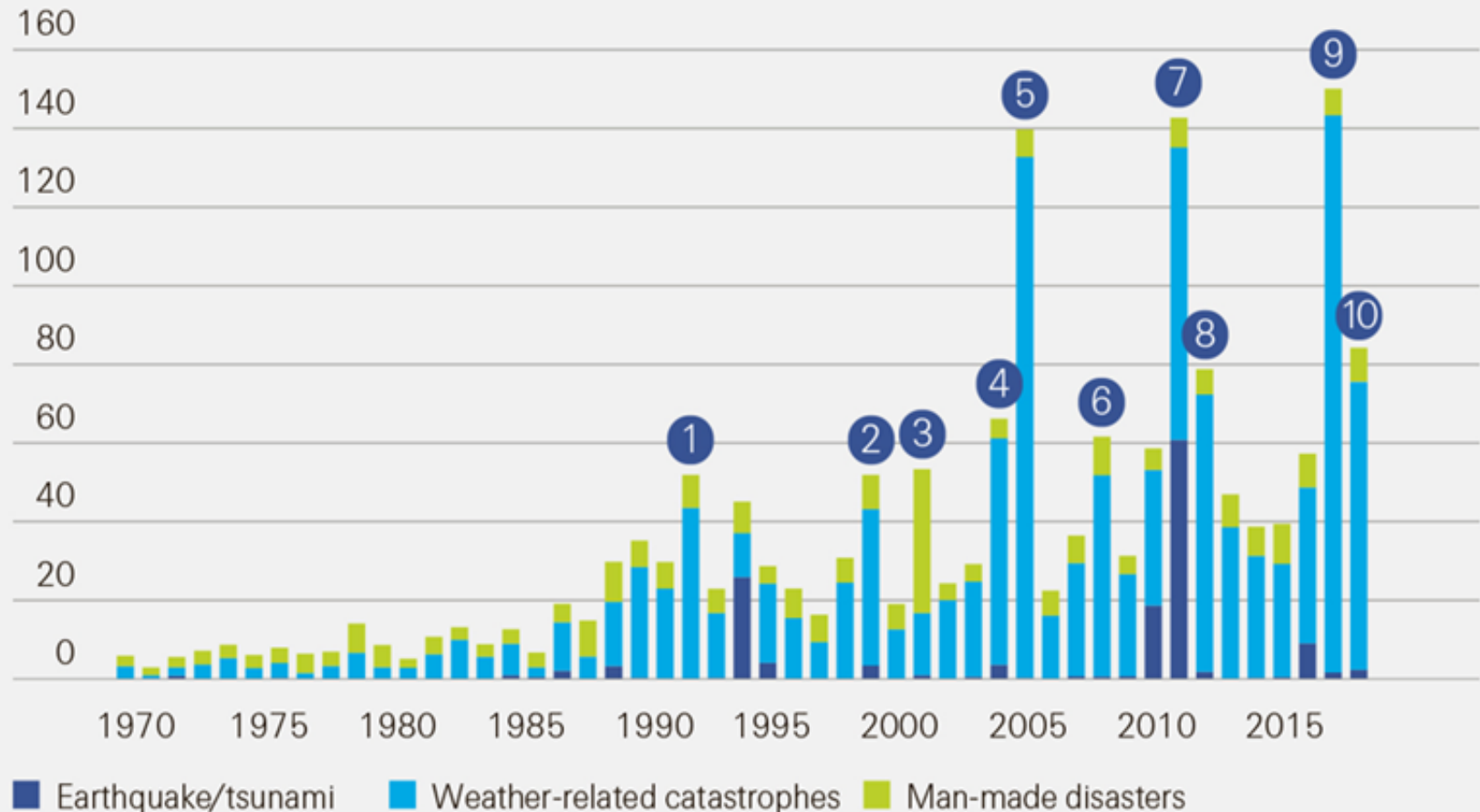
Loss of Nature



Figure 3

Insured catastrophe losses,
1970–2018 (USD billion, in
2018 prices)

1. Hurricane Andrew
2. Winter Storm Lothar
3. WTC
4. Hurricanes Ivan, Charley, Frances
5. Hurricanes Katrina, Rita, Wilma
6. Hurricanes Ike, Gustav
7. Japan, NZ earthquakes, Thailand flood
8. Hurricane Sandy
9. Hurricanes Harvey, Irma, Maria
10. Camp Fire, Typhoon Jebi

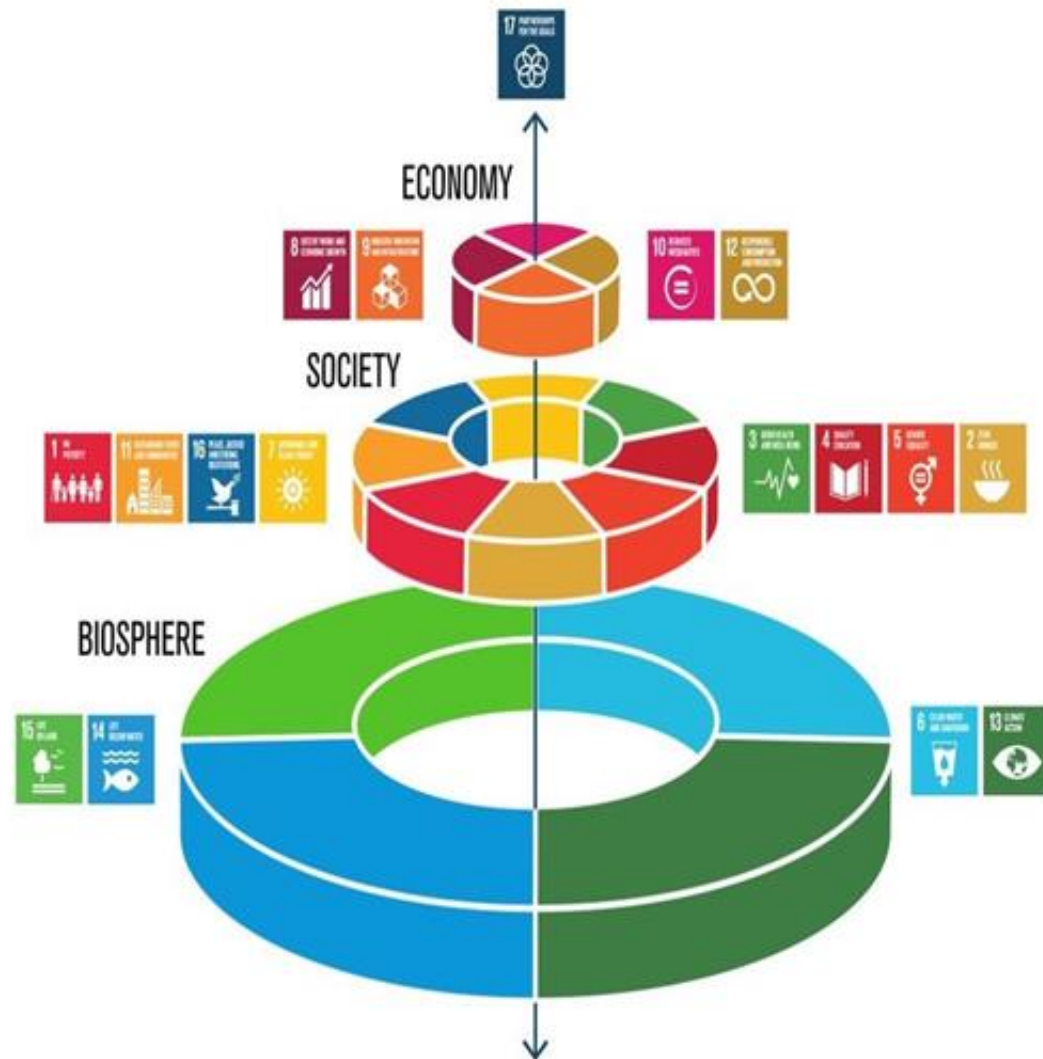


Source: Swiss Re Institute

\$125 trillion

The estimated annual value, of the goods and services nature provides us

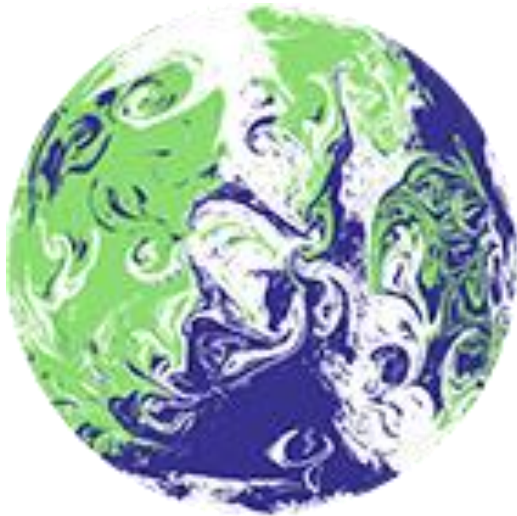
The Biosphere is the foundation for all SDG's



A photograph of a dense forest with tall, slender trees and a thick canopy of green leaves. Sunlight filters through the foliage, creating a dappled light effect on the forest floor. In the lower center, three hikers are walking along a dirt path. A black rectangular box with white text is overlaid on the right side of the image.

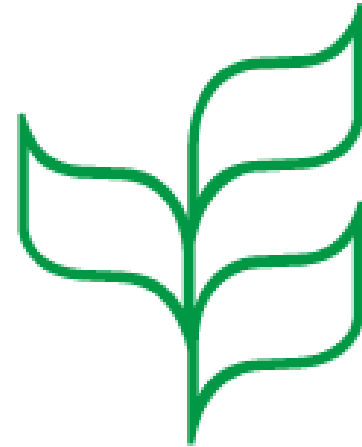
TIME TO ACT

Global spotlight on the future



**UN CLIMATE
CHANGE
CONFERENCE
UK 2021**

IN PARTNERSHIP WITH ITALY



**Convention on
Biological Diversity**

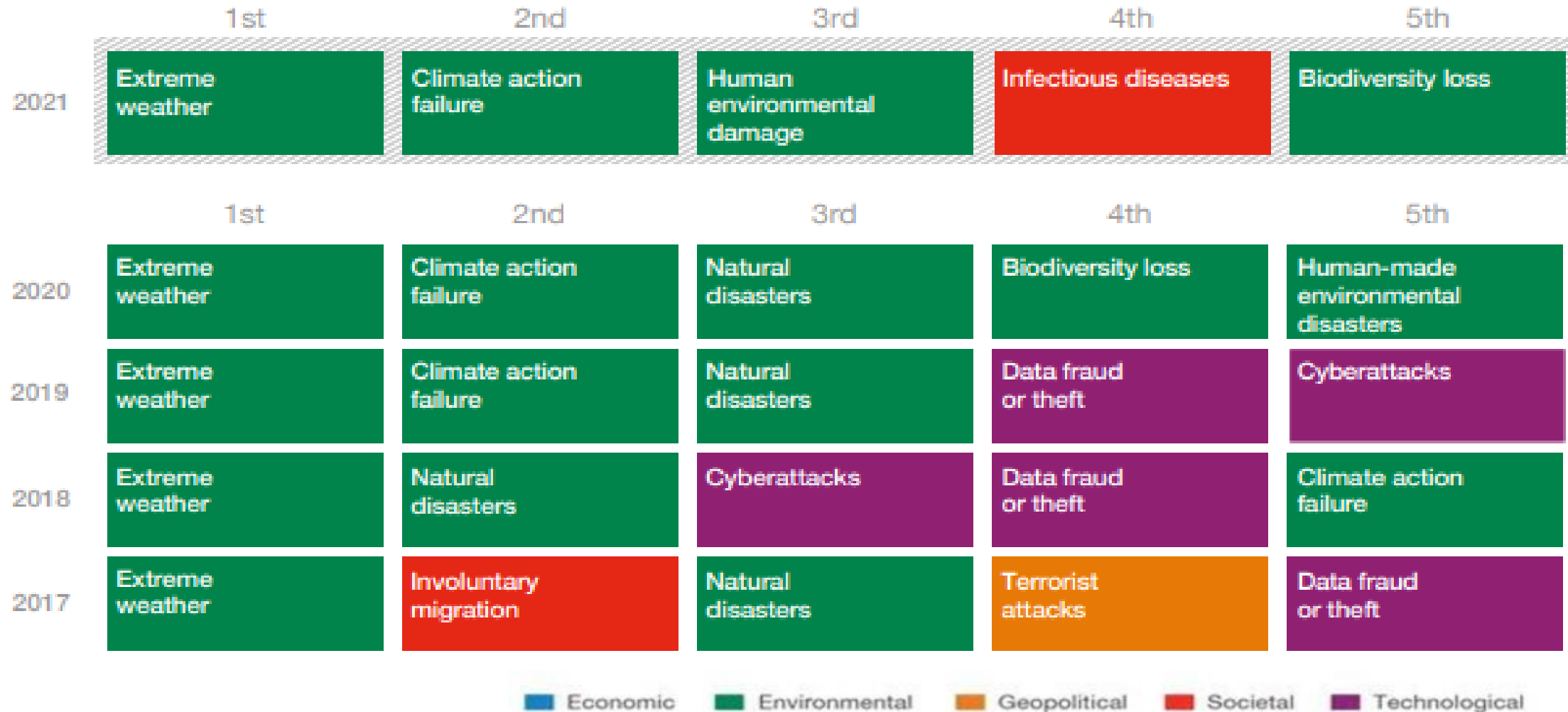
First climate neutral continent by 2050



The European Green Deal

#EUGreenDeal

Top 5 global risks by likelihood in 2021

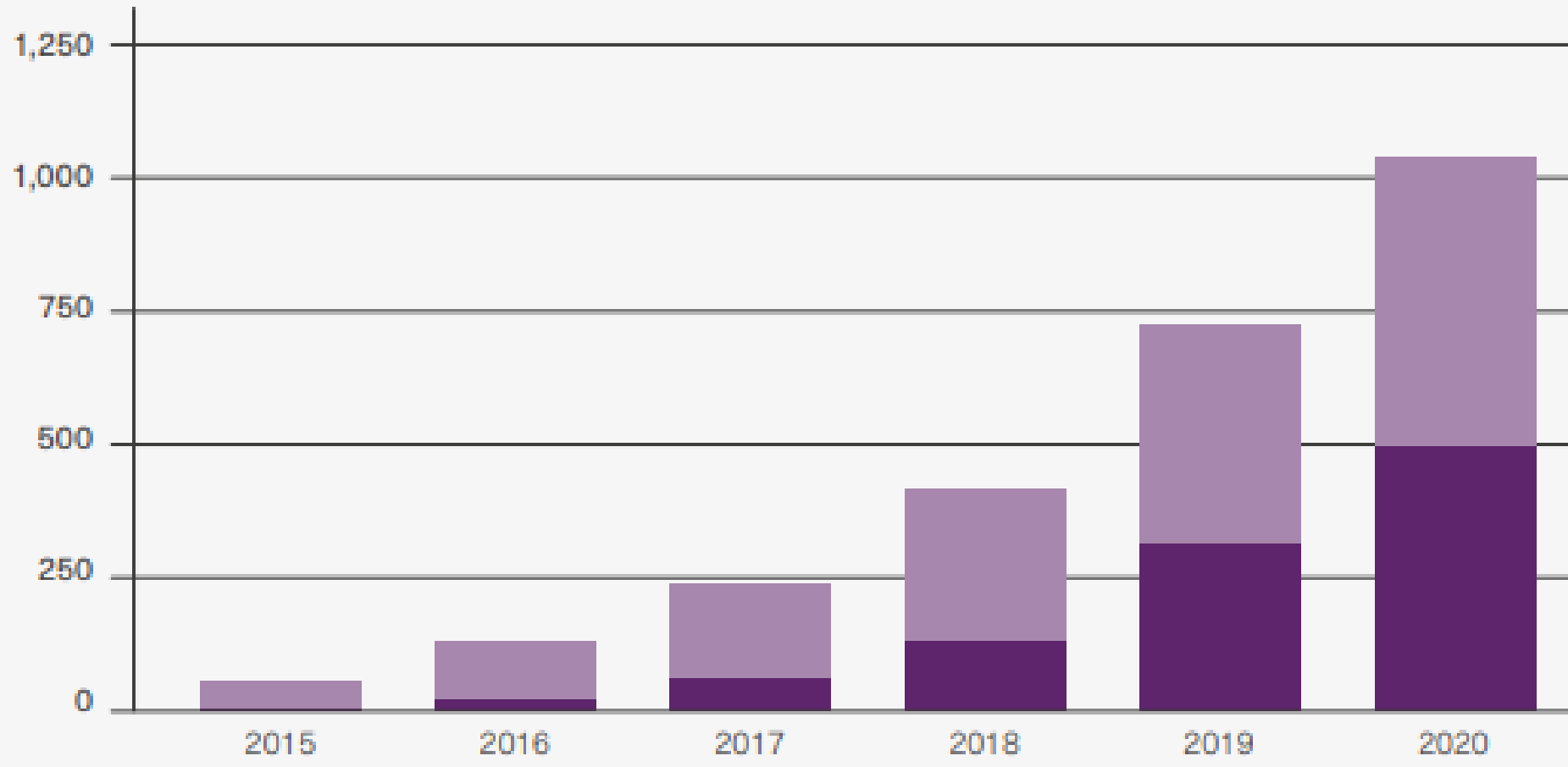


Companies taking action through SBTi

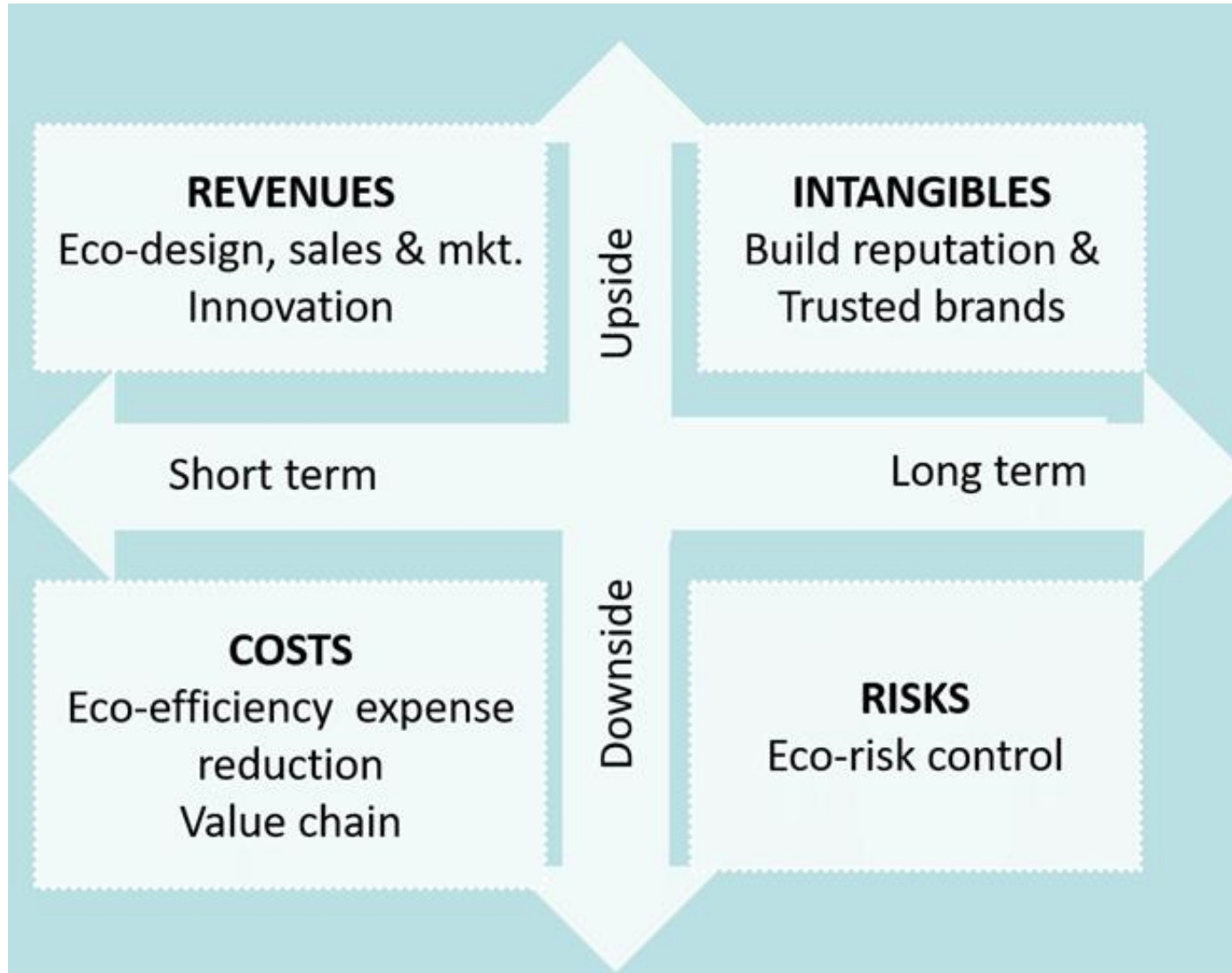


INCREASING MOMENTUM

- Cumulative companies with approved targets
- Cumulative committed companies



The Business Case for Sustainability



Risk

- Regulatory
- Reputational
- Supply chain

Opportunity

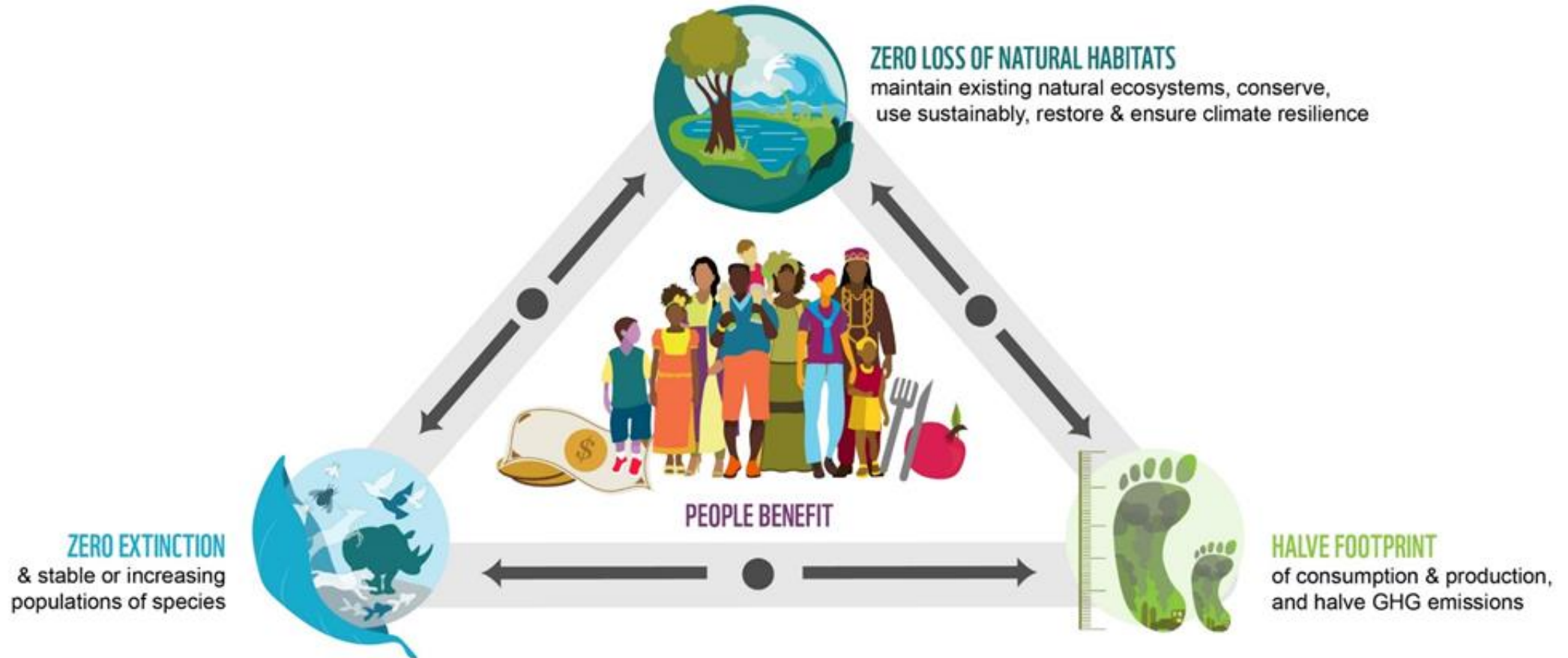
- Innovation, development
- Cost-efficiency
- Reputation



WWF'S SUSTAINABILITY AGENDA



BY 2030, WE PROTECT AND RESTORE NATURE FOR THE BENEFIT OF PEOPLE AND THE PLANET



BY 2030

*We protect and restore
nature for the benefit of
people and the planet.*

**WWF Mission: To stop the degradation of the planet's natural environment
and to build a future in which people live in harmony with nature**



BY 2050

*We have a sustainable and
healthy planet and we live
within planetary boundaries.*

Aligned to SDGs, UNFCCC and CBD - and the New Deal for Nature & People

THE PROBLEMS



**DESTRUCTION
OF NATURAL SPACES**



**LOSS OF SPECIES
AND BIODIVERSITY**



**UNSUSTAINABLE
PRODUCTION
AND CONSUMPTION
OF NATURE'S RESOURCES**

THE TARGETS



**ELIMINATE LOSS
OF NATURAL HABITATS**



**ELIMINATE HUMAN-
INDUCED EXTINCTION**



**HALVE THE FOOTPRINT
OF PRODUCTION
AND CONSUMPTION**

THE SOLUTIONS

**PROTECT 30%
NATURAL HABITAT**

**SUSTAINABLY MANAGE
AT LEAST 20%**

**RECOGNIZE RIGHTS TO
INDIGENOUS PEOPLES'
LANDS**

**STOP UNSUSTAINABLE
WILDLIFE EXPLOITATION
AND TRADE**

**ENABLE VIABLE
POPULATIONS**

**TRANSITION TO
SUSTAINABLE
PRACTICES:
INFRASTRUCTURE,
AGRICULTURE, FISHING,
EXTRACTIVES**

THE BENEFITS



**WATER FOR
9 BILLION**



DIVERSITY OF LIFE



**STABLE
CLIMATE**

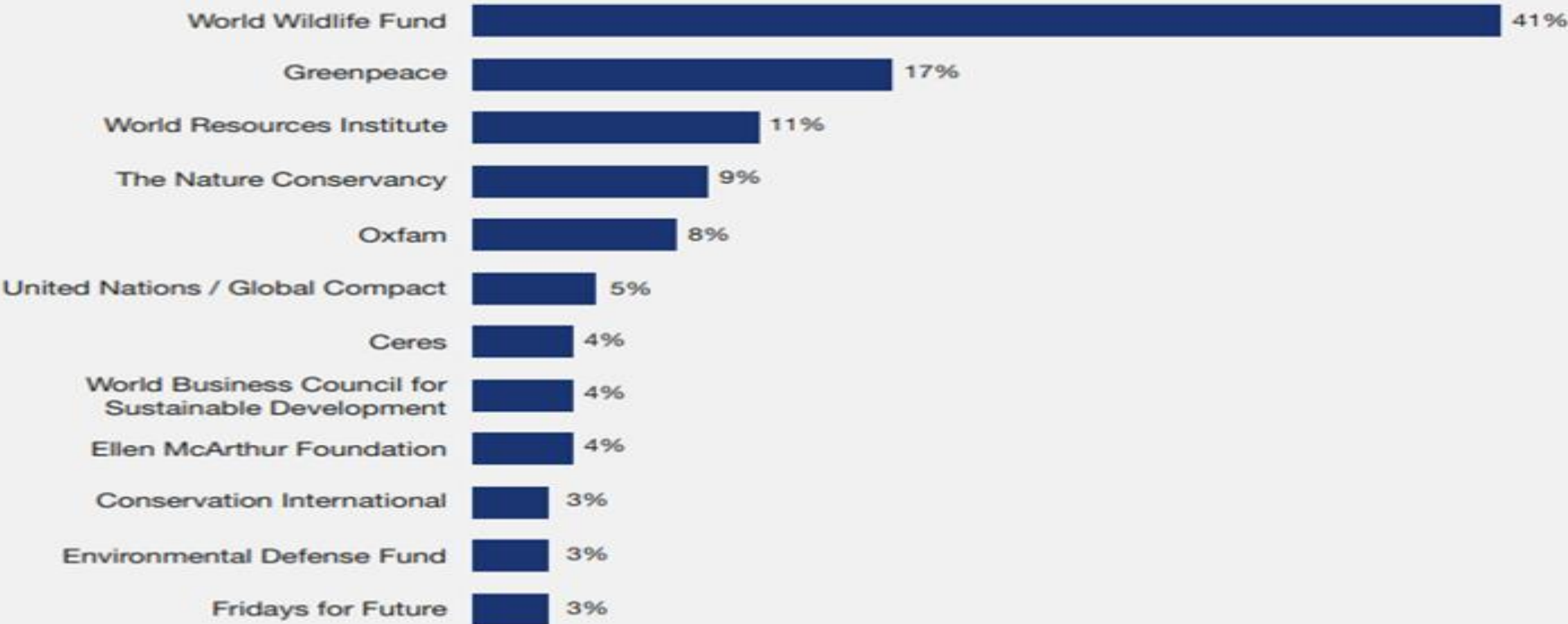


**FOOD FOR
9 BILLION**



**GOOD QUALITY
OF LIFE**

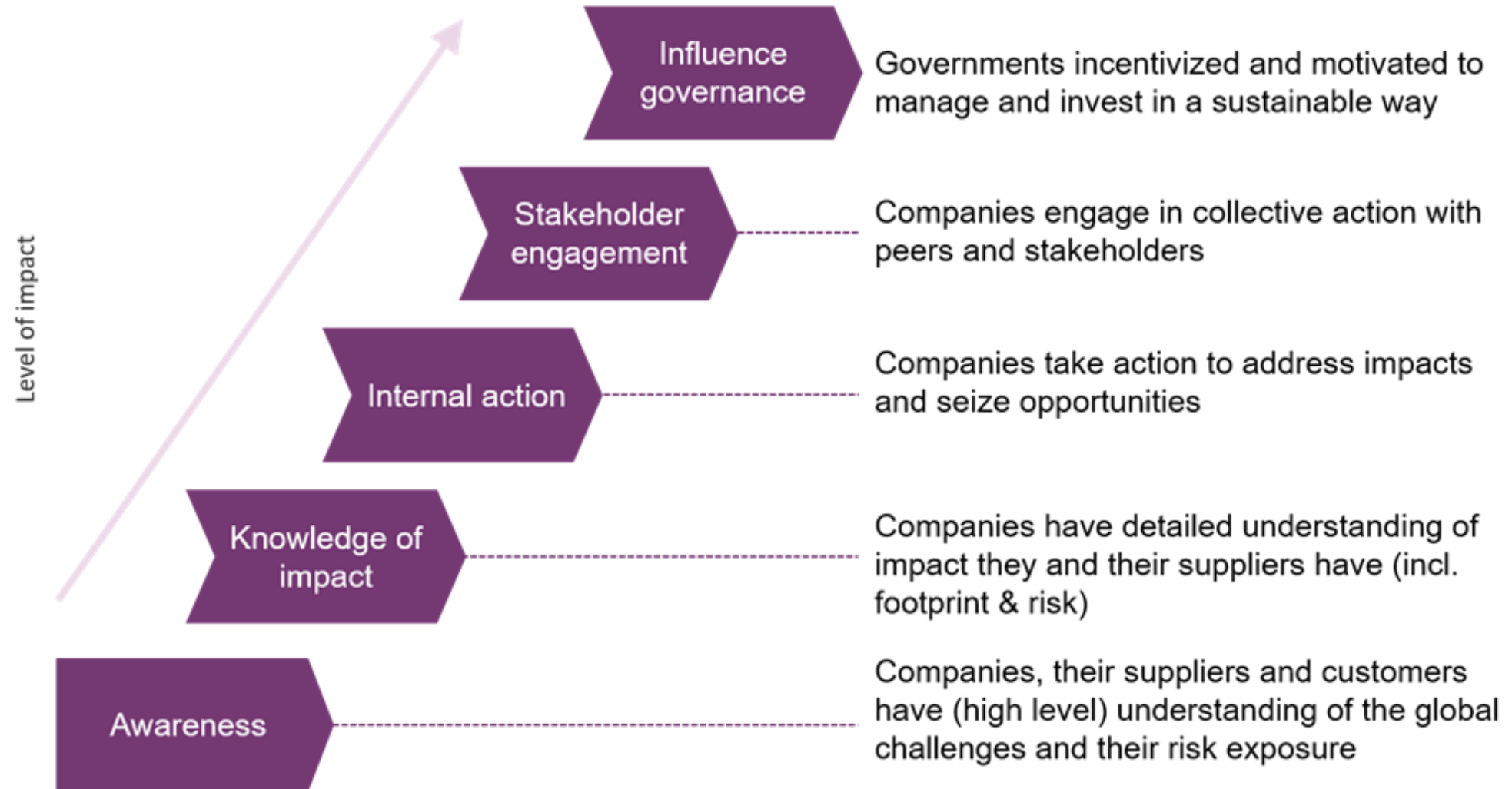
WWF: NGO Sustainability Leader



2021 Globescan survey

% of Experts, Unprompted, Total Mentions, 2021

The Corporate Journey



How do we engage the corporate sector?



Industry
platforms

Support
credible
certification
schemes

Sector and
landscape
approaches

Campaigns
and actions

Bilateral
partnerships



WHAT IS THE SCIENCE BASED TARGETS INITIATIVE?



The Science Based Targets initiative drives ambitious climate action in the private sector by enabling companies to set science-based emissions reduction targets to meet the goals of the Paris Climate Agreement.

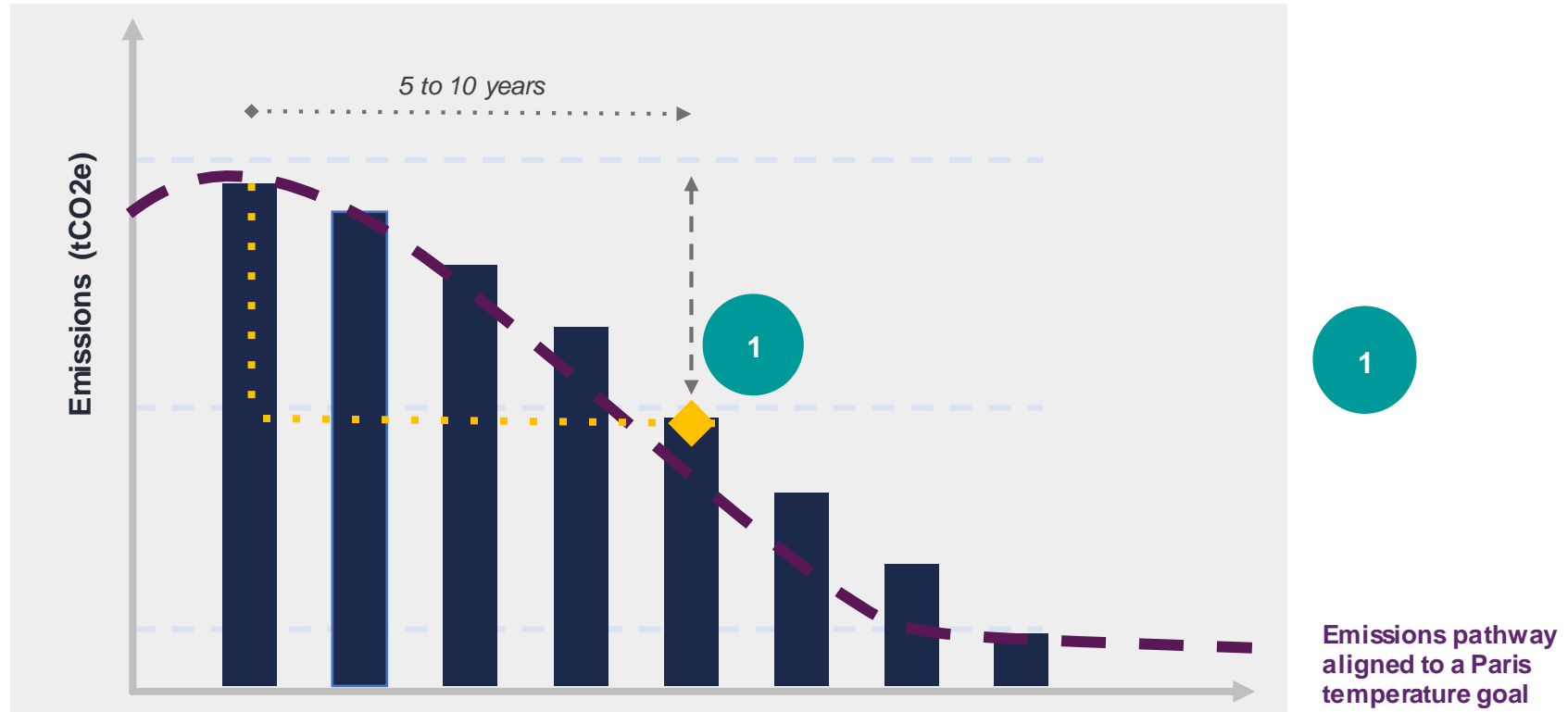
PARTNER ORGANIZATIONS



IN COLLABORATION WITH



WHEN IS A TARGET CONSIDERED TO BE SCIENCE-BASED?



Targets adopted by companies to reduce greenhouse gas (GHG) emissions are considered "science-based" if they are in line with what the latest climate science says is necessary to **meet the goals of the Paris Agreement**: limiting global warming to **1.5 °C** above pre-industrial levels.

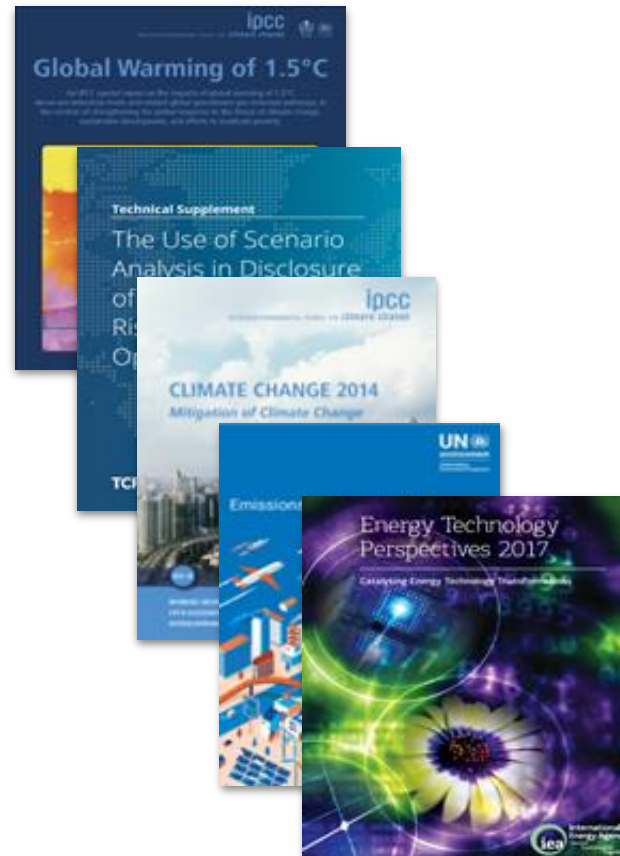
SBTs help companies determine **how much** and **how fast** they need to reduce its GHG emissions.

HOW ARE SBTs DETERMINED?



FROM PARIS AGREEMENT

- Mitigation goals for the global economy
- Expressed as a long-term goal
- Expressed in temperature metrics

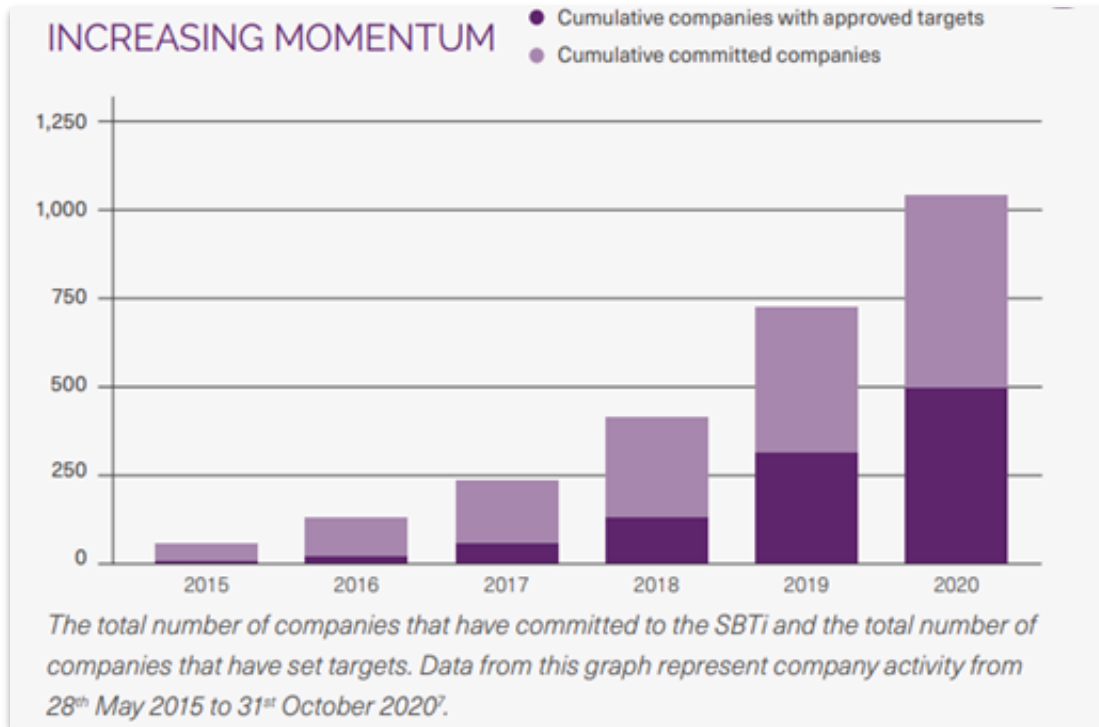


TO SBTs



- Targets at the company level covering the most relevant source of emissions across the value-chain
- With a timeframe that ensures accountability and drives short-term action (5 to 10 years)
- Expressed in metrics that are relevant for the **sector/company**

OUR PROGRESS TO DATE



[Source: SBTi Progress Report 2020](#)

WHY DO COMPANIES JOIN?



BUSINESS CASE

ADDRESS STAKEHOLDERS EXPECTATIONS
i.e: long term sustainability of business model

INCREASE COMPETITIVENESS
i.e: minimize energy and emissions-related costs

ANTICIPATE REGULATORY, POLICY AND MARKET DEVELOPMENT
i.e: mitigate transition risks

SEIZE OPPORTUNITIES BEHIND THE LOW-CARBON TRANSITION
i.e: low - carbon products/services

LARGE COMPANIES



DAY 1

24 MONTHS

AFTER
APPROVAL



COMMIT

Company submits a letter establishing its intent to set a science-based target



DEVELOP

Company works on an emissions reduction target in line with the SBTi criteria



SUBMIT

Company presents the target to the SBTi for official validation



COMMUNICATE

Company announces the target and inform stakeholders



DISCLOSE

Company report its wide emissions and progress against targets on an annual basis

INTRODUCTION TO THE SBTi



OUR PROGRESS TO DATE



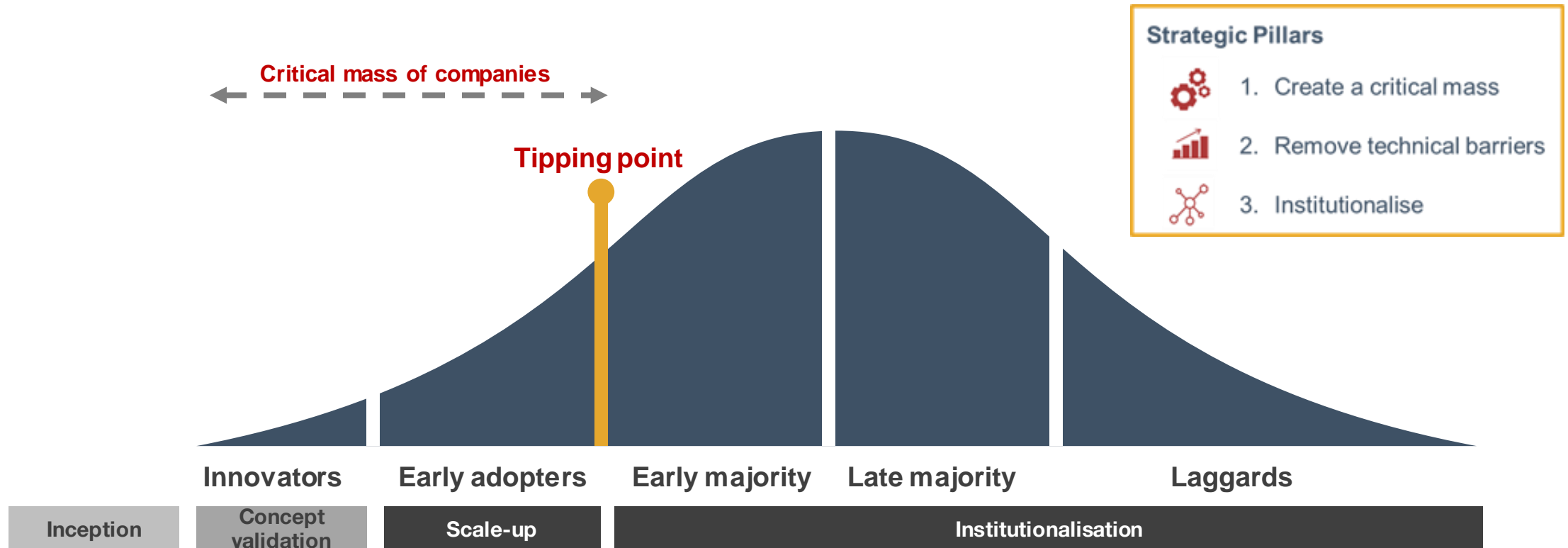
Scope 3 target setting is now standard practice

- **94%** of companies with approved science-based targets **have set scope 3 targets** in line with climate science;
- We are also seeing a cascading effect of science-based target setting as companies seek to reduce their supply chain impacts, with **69 companies setting supplier engagement targets** requiring their suppliers to set their own science-based targets.

INTRODUCTION TO THE SBTi



WHAT WE ARE TRYING TO ACHIEVE?







together possible™



Working to sustain the natural world for the benefit of people and wildlife.

together possible

panda.org

WWF-CEE gratefully acknowledges funding support from the LIFE Programme of the European Union. All content and opinions are solely those of WWF-CEE.



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