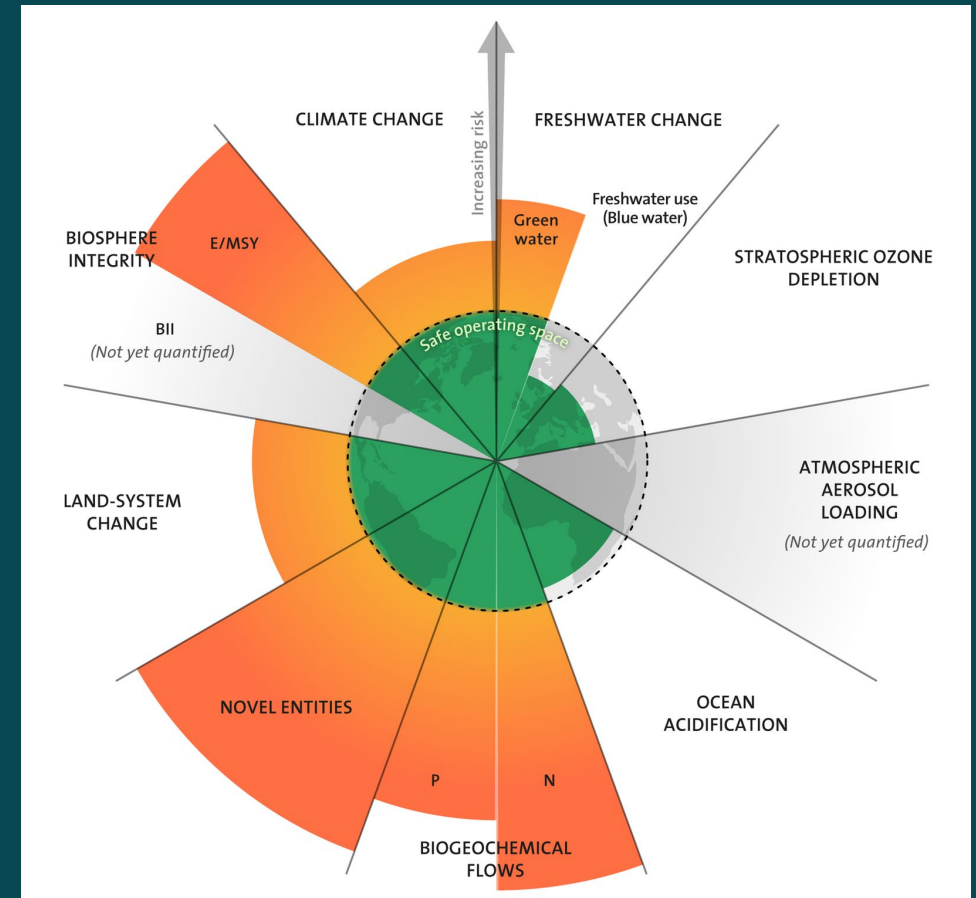


How to act in line with planetary boundaries?

Set science based targets

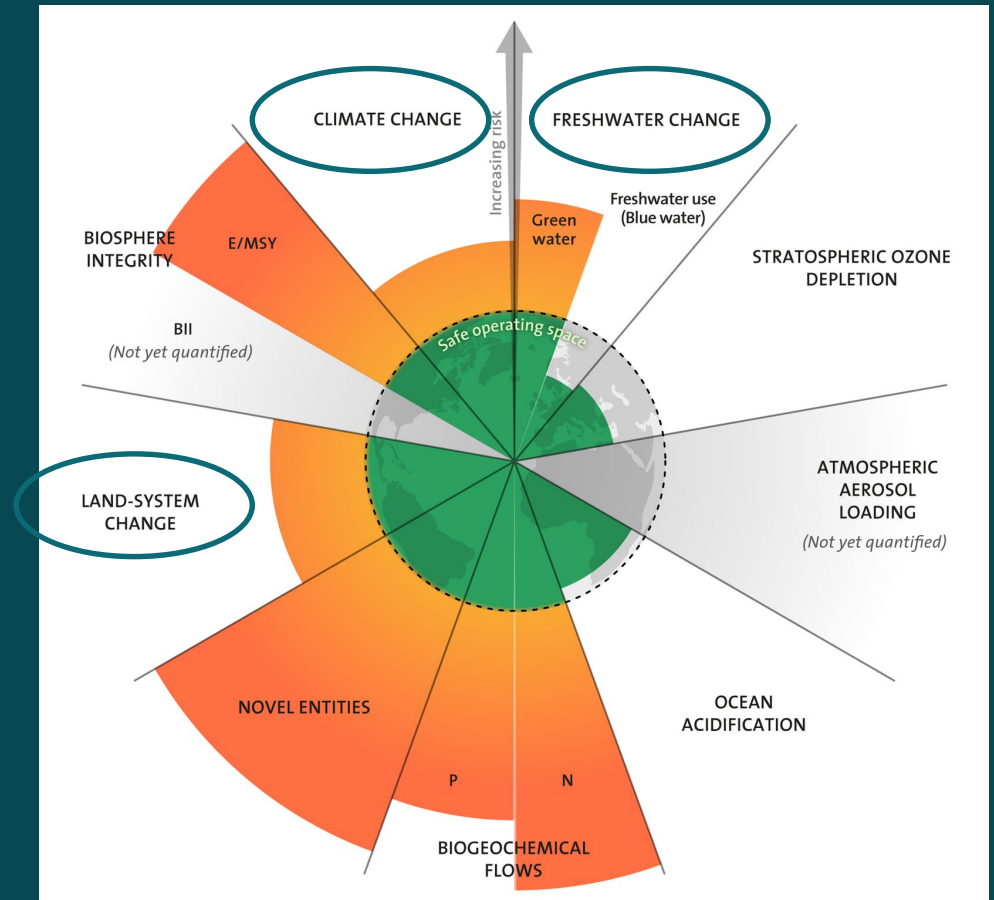
What are planetary boundaries and why should businesses care?

- Nine planetary boundaries within which **humanity can continue to develop and thrive** for generations to come
- Moving beyond the **zone of uncertainty implies very high risks** of reaching irreversible tipping points
- Concept helps to take a science-based look at the **availability and integrity of natural resources** on which business depends






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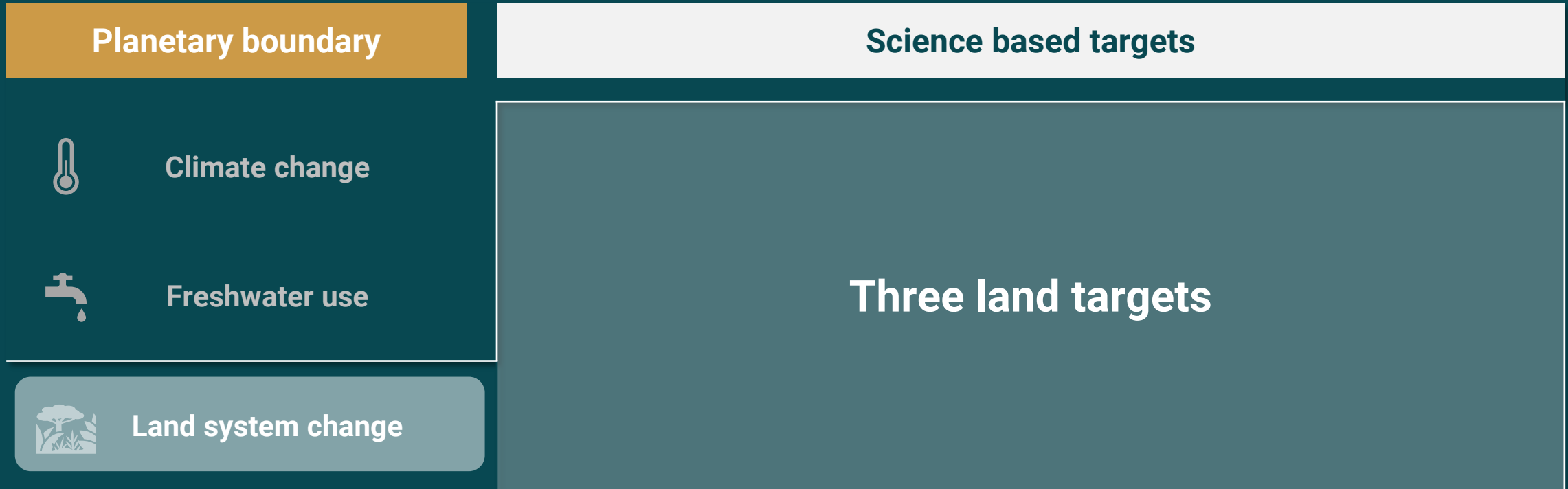
3 planetary boundaries are covered with science based targets

Planetary boundary	Science based targets
 Climate change	
 Freshwater use	
 Land system change	

3 planetary boundaries are covered with science based targets

Planetary boundary	Science based targets
 Climate change	Net zero standard - Science based target initiative (SBTi)
 Freshwater use	Freshwater targets – Science based target network (SBTN)
 Land system change	Land targets – Science based target network (SBTN)

Land system change can be tackled with three land targets



First, do not convert natural land and ecosystems

Planetary boundary



Climate change



Freshwater use



Land system change

Science based targets



No conversion

- Conserve natural land and ecosystems

Example for timber/wood fiber site owner operating in natural lands:

100% deforestation and conservation free until 2025 compared with a 2020 baseline

Second, reduce the land footprint

Planetary boundary



Climate change



Freshwater use



Land system change

Science based targets



Land footprint reduction

- Reduce pressures on land from large companies

Example for wood product producer with over 10.000 FTE employees:

3,5% land footprint reduction (ha) from direct operations by 2030 with a 2020 baseline



Third, engage in landscape initiatives

Planetary boundary



Climate change



Freshwater use



Land system change

Science based targets

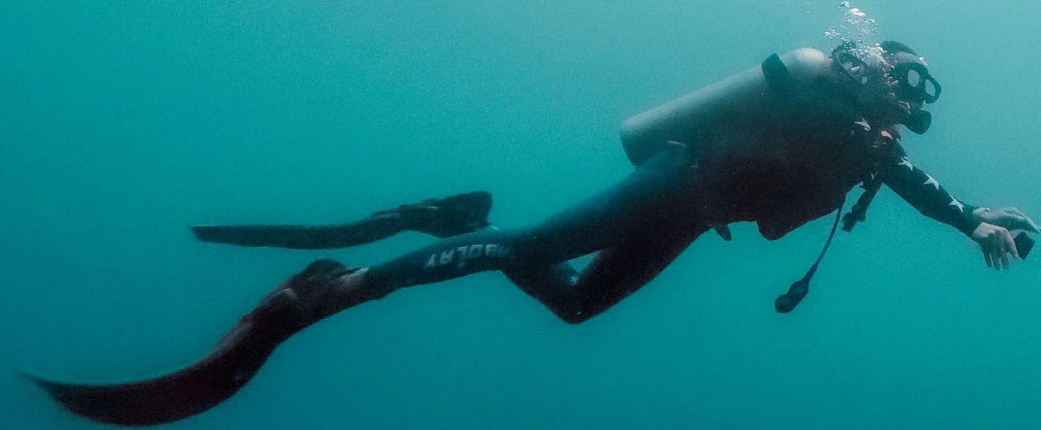


Landscape engagement

- Engage in landscape initiative(s) to improve ecolog. and social conditions

Example for manufacturer of paper products:

With initiative X committed to a subst. improvement in E and S conditions by 2030



Thank you for listening!

Feel free to reach out:

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 **BETTER EARTH**

Sources

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