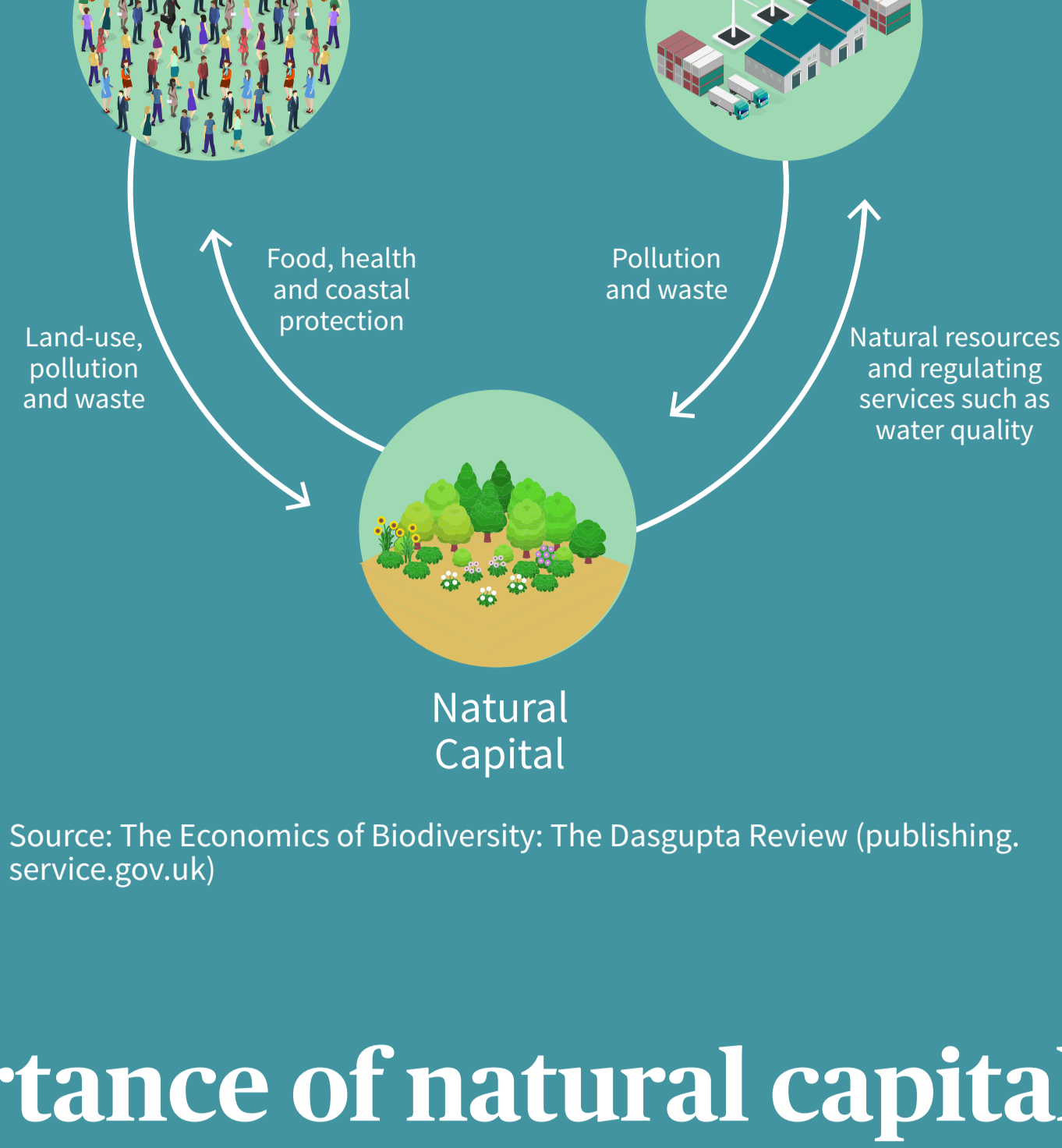


Our number is up: it's time to fight biodiversity loss

Key figures for responsible investors

Assets relating to an investment case often form a crucial consideration of any investment opportunity. Yet, natural capital and the health of our planet's ecosystem is often overlooked despite its crucial role underpinning global resources, production and the economy.

Interactions Between the Capitals¹



Source: The Economics of Biodiversity: The Dasgupta Review (publishing.service.gov.uk)

The importance of natural capital

Investors can no longer ignore the need for meaningful action to safeguard the future of natural capital, and the vast web of global industries directly, or indirectly, dependent upon it.

“The costs of inaction on biodiversity loss are high. Between 1997 and 2011, the world lost an estimated USD 4-20 trillion per year in ecosystem services owing to land-cover change and USD 6-11 trillion per year from land degradation. **Action to halt and subsequently reverse biodiversity loss needs to be scaled up dramatically and urgently.** Biodiversity protection is fundamental to achieving food security, poverty reduction and more inclusive and equitable development.”¹



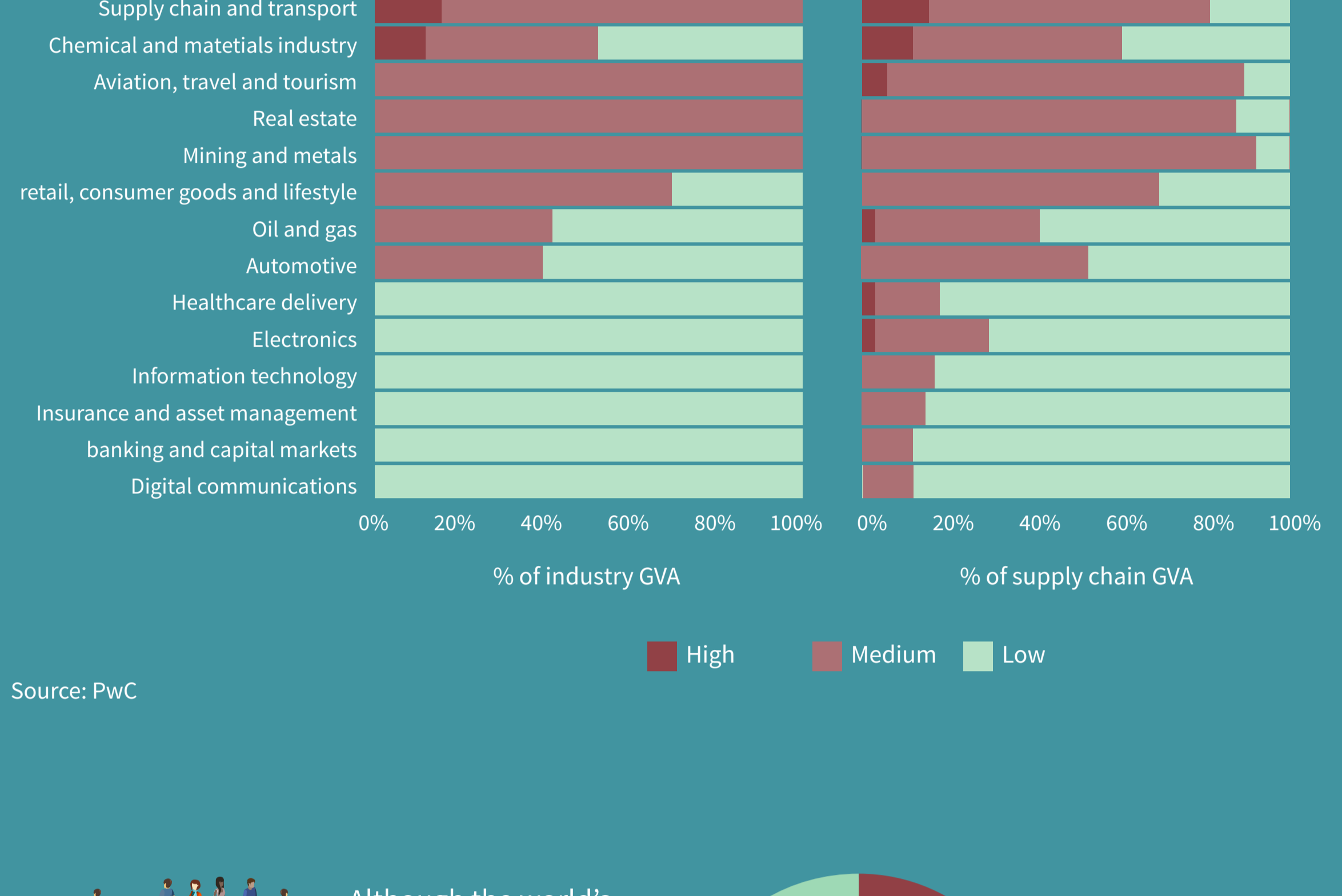
The downward trend in natural capital is especially concerning when examining how crucial its availability is to productivity in multiple industries:



Together, the three largest sectors that are highly dependent on nature generate close to **\$8 trillion** of gross value added (GVA) (This is roughly twice the size of the German economy).²

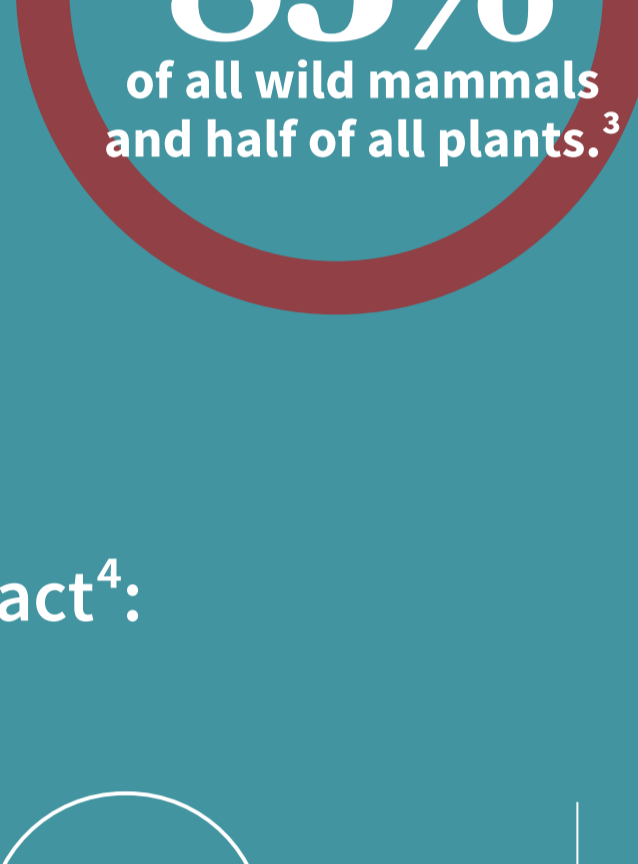
These are construction (\$4 trillion), agriculture (\$2.5 trillion) and food and beverages (\$1.4 trillion).²

Percentage of direct and supply chain GVA with high, medium and low nature dependency, by industry



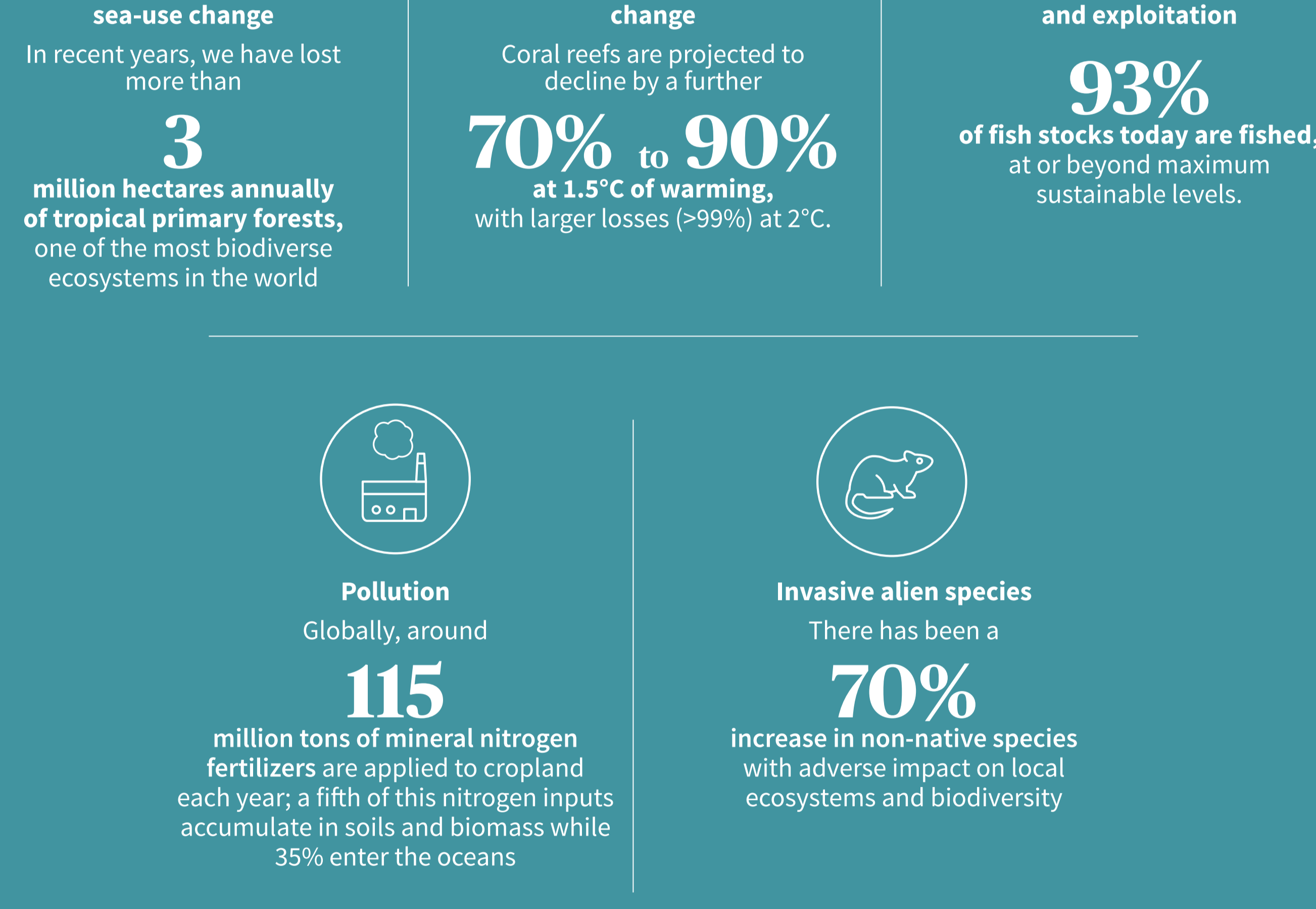
Source: PwC

Although the world's **7.6 billion people** represent only **0.01%**³ of all living things by weight...



The current rate of extinction is tens to hundreds of times higher than the average over the past 10 million years – and it is accelerating.³

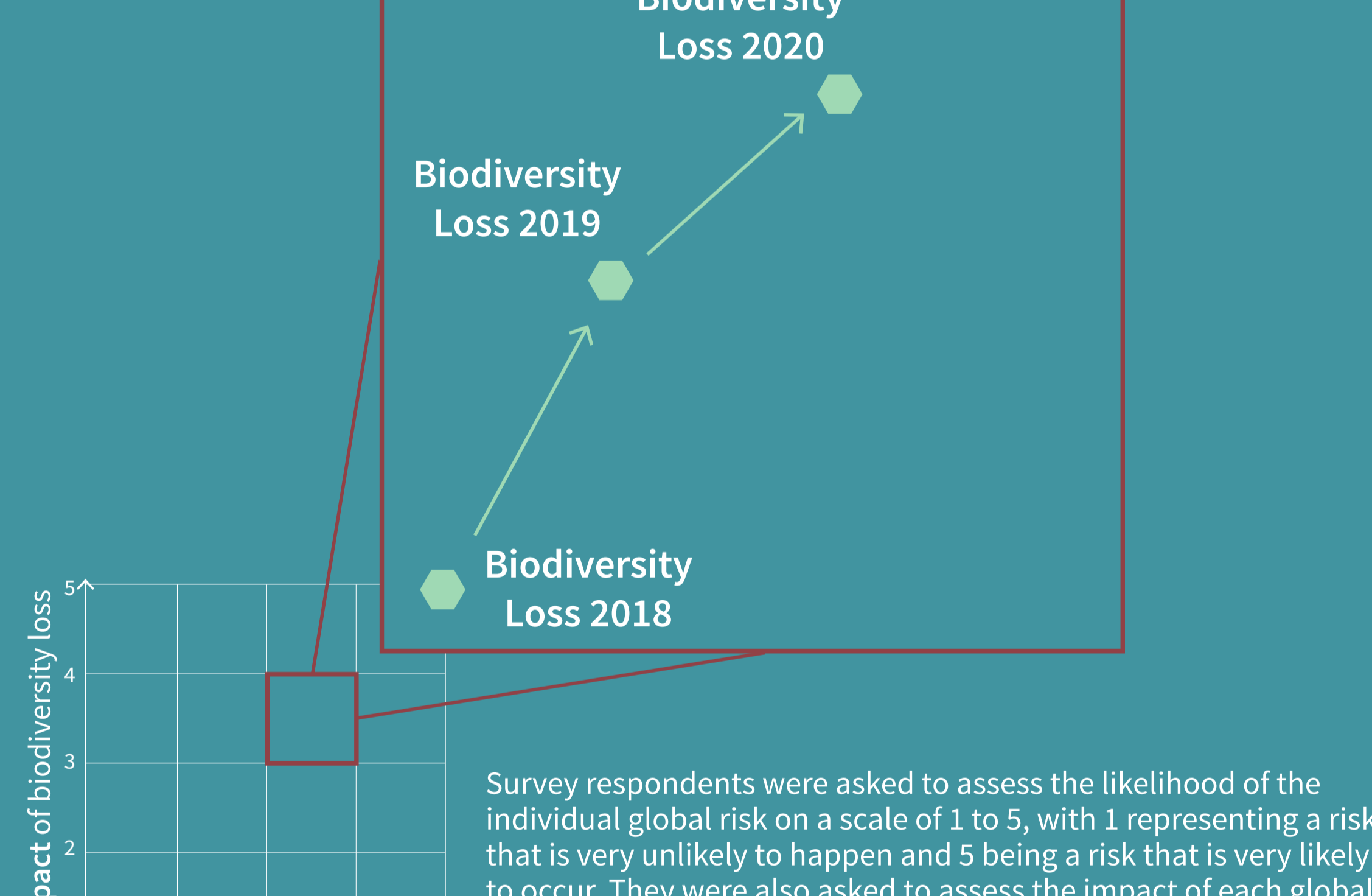
Drivers on nature loss and their impact⁴:



Global risks from biodiversity loss have evolved significantly over the last three years

Environmental risk analysis has highlighted a growing consensus that not only is the likelihood of biodiversity loss growing, but the severity of resulting global impacts is also set to increase. The time for action is now:

Evolution of the biodiversity loss risk in the past three years



Source: World Economic Forum Global Risks Perception Survey 2019–2020

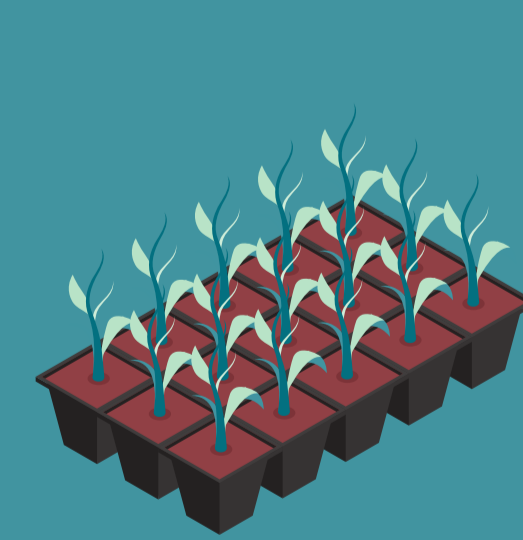
Preventing pandemics by restoring biodiversity

Biodiversity loss is expected to increase the likelihood of further global pandemics and the crippling cost of global economy by preventing loss of habitations and greater resilience to disease through genetic diversity.⁵

Today, investors can have important parts to play in the effort to reduce biodiversity destruction. This can be achieved through deploying capital into companies who can deliver technologies and solutions to address the pressing need to mitigate biodiversity loss and restore ecosystems.



About **10,000 to 20,000** plant species are used in medicines worldwide.⁶



Global commitments are already taking shape



Governments and corporates are taking notice. The European Commission advocates reallocating capital away from corporations harmful to the environment and towards those who champion biodiversity via investing in sustainable finance.⁷

¹ Biodiversity: Finance and the Economic and Business Case for Action, OECD, May 2019
² WEF, New Nature Economy Report 2020.pdf (weforum.org) Gross value added (GVA) represents the standard measure of goods and services produced by a given industry, less the cost of inputs and raw materials attributable to that production. It is typically used to measure producer, industry or sector-level contributions to the economy, as opposed to gross domestic product (GDP), which is a standard measure for national- or multinational-level economic analysis.
³ WEF, New Nature Economy Report 2020.pdf (weforum.org)
⁴ World Economic Forum, New Nature Economy Report, 2020
⁵ Global Biodiversity Outlook 5, Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), 2020 gbo-5-en.pdf (cbd.int)
⁶ Loss of Biodiversity Facts: 18 Worrying Statistics About Biodiversity (ecofriendlyhabits.com)
⁷ European Commission Knowledge Centre for Biodiversity, July 2022 Brief me on biodiversity financing | Knowledge for policy (europa.eu)

Want to know more about preventing biodiversity loss?

[Click here to visit our website](#)

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