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The Silent Crisis: Unravelling the complexities of biodiversity loss

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Unraveling the Complexities of **Biodiversity Loss**

> In the harmonious interplay of our planet's intricate web of life, human activities have emerged as a force of unparalleled magnitude. Our endeavours, while forging remarkable progress and advancements, have also inadvertently set in motion a silent crisis of biodiversity loss, whose consequences may remain discreet until the crisis reaches a crescendo.

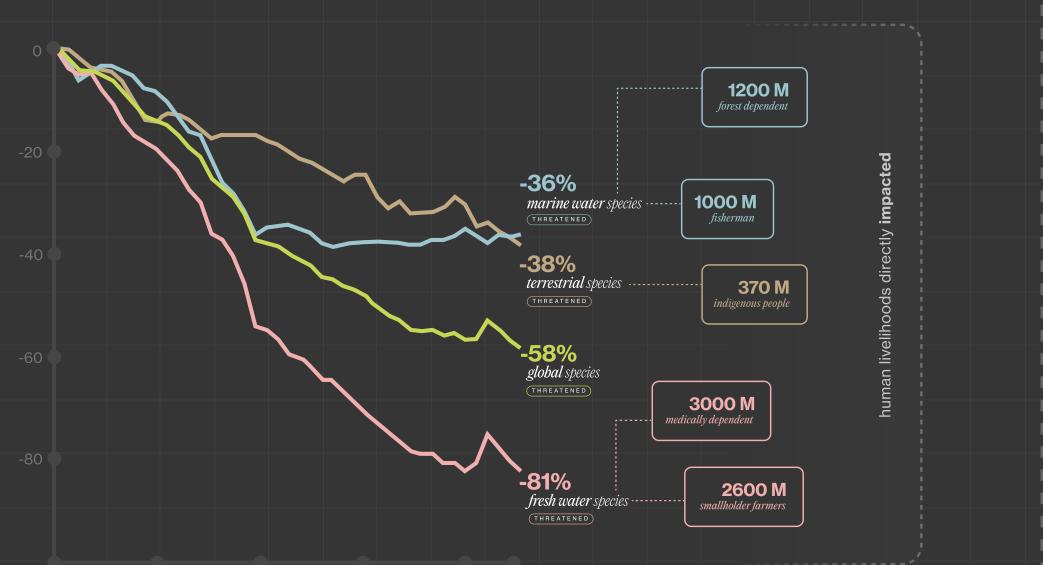
We stand at a precipice, a critical juncture where urgent action and unwavering dedication to biodiversity conservation are not just noble aspirations, but **absolute necessities for the** survival of our own existence and the perpetuation of the rich tapestry of life that envelops our world.

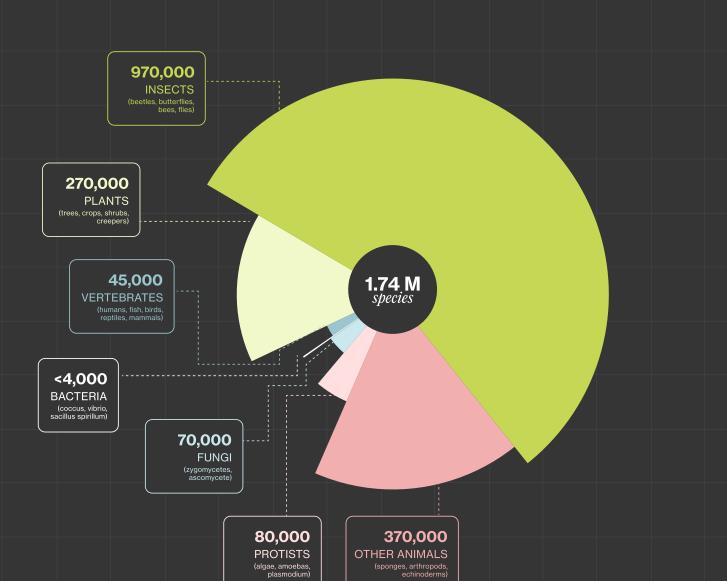
what is *biodiversity?*

A variety of living organisms, their genetic makeup, and the intricate ecosystems they

A web of interconnections, where every organism, plays a vital role in maintaining the delicate balance of ecosystems, fuelling the resilience, adaptability, and stability of our planet and endowing us with the precious ecosystem services upon which human societies and our very existence depend.

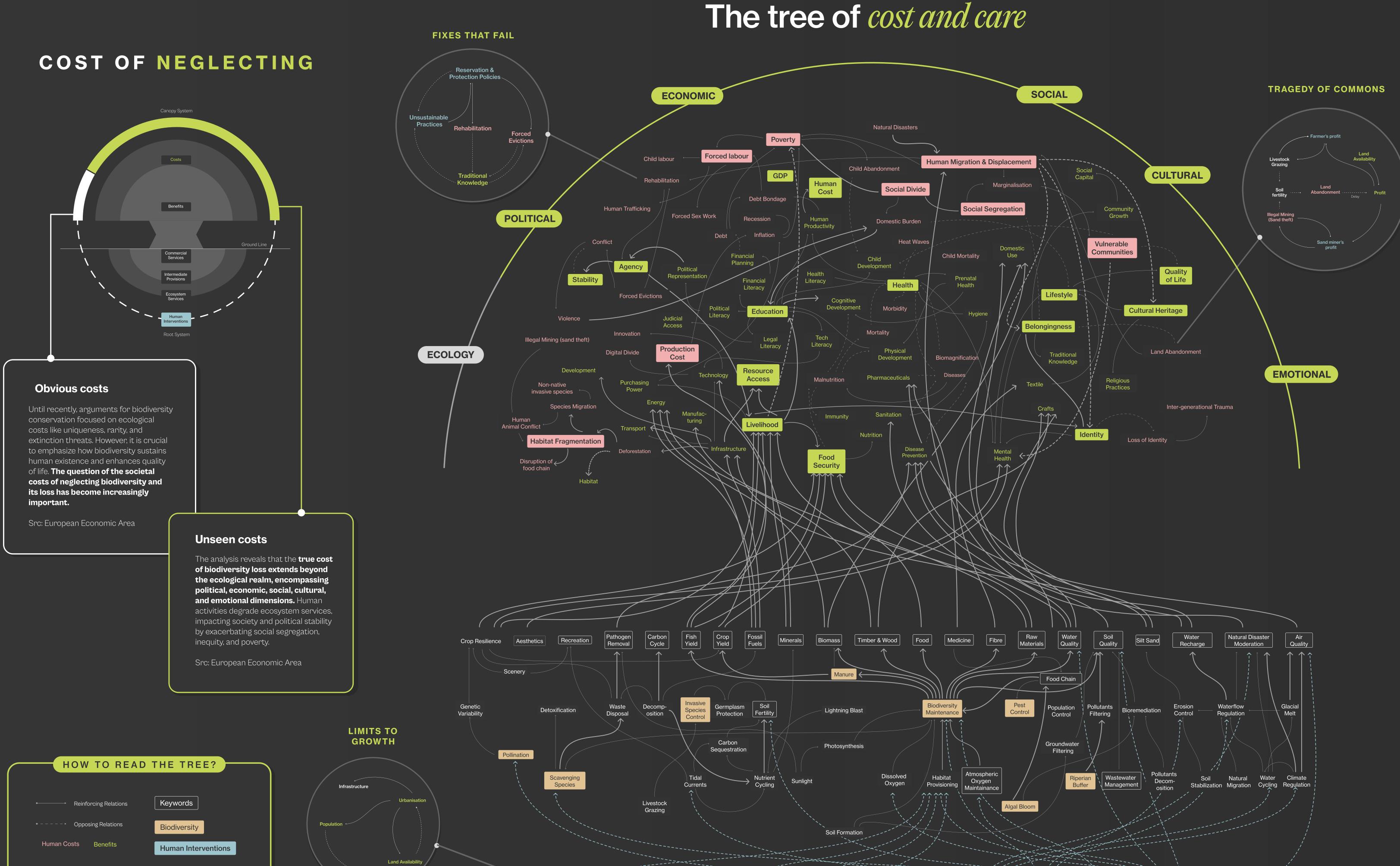
individual **interactions** between





what are ecosystem services?

Ecosystem services such as pollination, water purification, nutrient & climate regulation, atmospheric & dissolved oxygen maintenance, soil fertility etc. form the foundation that sustains and grows the tree of life, industries and development activities. Ecosystem services development activities are key to development, not an opposing

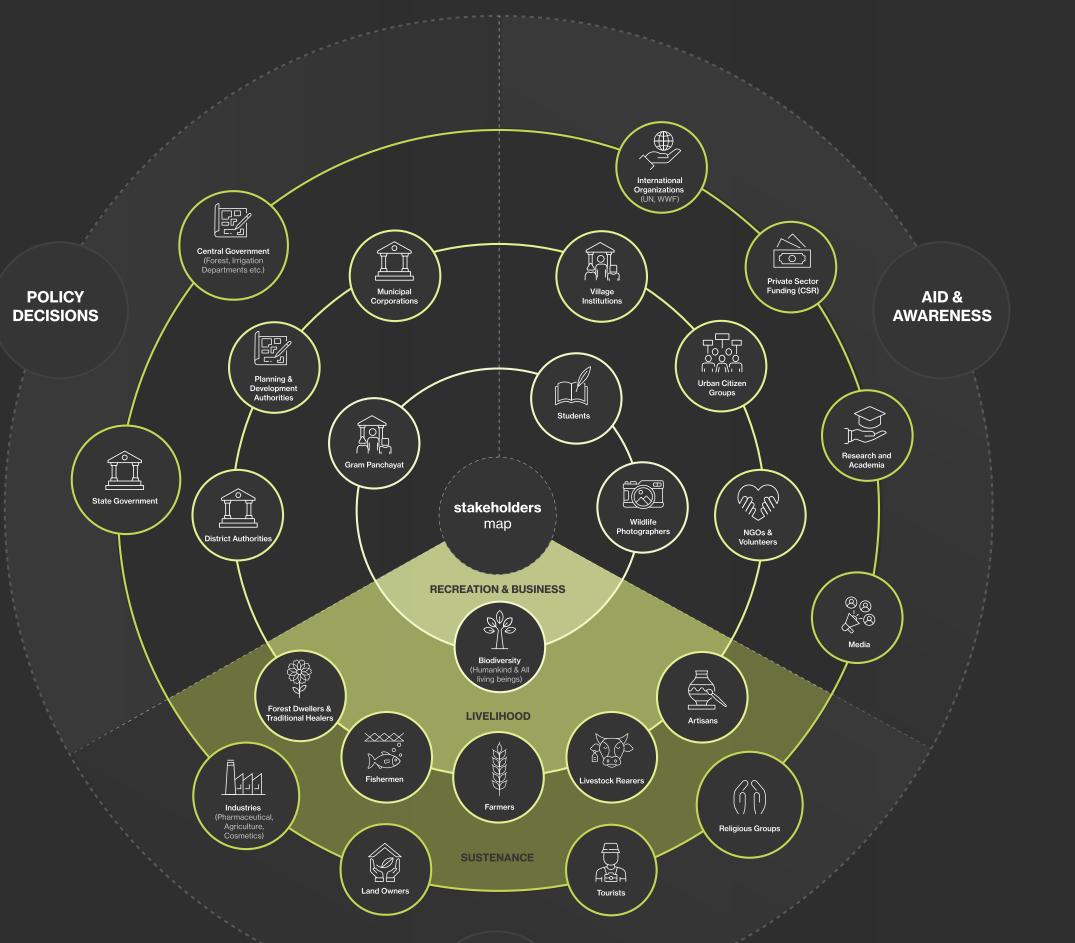


Urbanisation Population Growth Commercialisation Infrastructure Industrialisation Climate Change Exploitation Consumerism Pollution

COST OF CONSERVING

On-field conservation programs & management International co-operation & public awareness

often surpass the costs of conservation. Prioritizing proactive biodiversity conservation is crucial for a sustainable



Managing the Commons of the Semi-Arid Regions of

Chikkaballapur



CHIKKABALLAPUR A district in the state of

Karnataka, is located in a semiarid region, characterised by low and erratic rainfall, sparse vegetation, and fragile ecosystems. The aridity poses

HAKKI PIKKI TRIBE'S FORCED MIGRATION

salegowdanahalli village becomes a new home for the forced migrants- Hakki Pikkis tribe from Gujarat. Restoring the contributed to land restoration and protection, thus acting as custodians of the land.

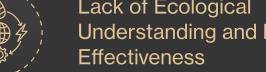
RANSFORMING THE COMMONS LANDSCA



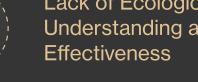
Inadequate Stakeholder Engagement and Community Collaboration

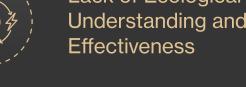


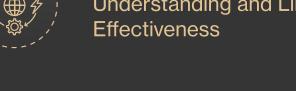




Limited accountability for rehabilitation losses







conservation efforts.

PROJECT AT: प्रे राष्ट्रीय डिज़ाइन संस्थान
GUIDED BY: SRIDHAR DHULIPALA, PROF. BALAJI RANGARAJAN, PROF. CHAKRADHAR SASWADE, PROF. TULIP SINHA, NOOPUR VERMA
TEAM: ANKITA, AJINKYA, GEETANJALI, HARSH, HIMANSHU, PREKSHA, RUCHA

providing livelihoods, food, water, and safety nets. Despite indigenous efforts to restore and conserve these ecosystems, **mainstream policies**

disregard them as 'wastelands' and deny secure tenure. Macro-level land use decisions often overlook the social, cultural, ecological, and economic values associated with Commons.

Commons are **vital community-owned**

resources that sustain millions in India,



Overlooking Social & Cultural

Inequitable Distribution of Benefits of Ecological Services and Conservation Policies

Inaccessibility of commons due to lack of awareness on legal rights & secure tenure, & it's privatisation.

