



European
Commission

JRC PORTFOLIO 10

HEALTHY BIODIVERSITY AND NATURAL CAPITAL ACCOUNTING

Biodiversity loss and ecosystem degradation are major threats to humanity today. To address these threats the Commission adopted the European Union (EU) Biodiversity Strategy for 2030 – a comprehensive, ambitious and long-term plan to protect, restore and enhance natural capital, and break the link between economic growth and the unsustainable use of natural resources, mobilising efforts for sustaining EU and global biodiversity. It also calls for unlocking at least EUR 20 billion per year, and recent evidence led to this being raised to EUR 48 billion per year to deliver this strategy.

The portfolio aims to:

Increase scientific knowledge, mainstream biodiversity across policies, stimulate behavioural change and public engagement

Quantify the impacts and effectiveness of policies that restore and mitigate biodiversity loss and ecosystems degradation

Identify the interdependencies between environmental and human health adopting a 'One Health approach'

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Delivering on anticipation, integration and impact of EU policies

- ▶ documenting biodiversity baselines and degrees of protection in terrestrial, soil, freshwater, and marine habitats,
- ▶ assessing the progress towards EU and global targets through accounts, dashboards, and indicators for assessing ecosystem condition and functioning, and ecosystem services,
- ▶ providing knowledge base to set up an effective monitoring scheme for the EU Pollinators Initiative and provide evidence on countering invasive alien species,
- ▶ developing metrics to steer the EU economy towards sustainability,
- ▶ providing quantified metrics to track policy performance for public and private evidence-based decision-making and spatial planning.

Time frame

In the **short term**, the portfolio will support the European Green Deal through the implementation of a series of strategies and initiatives (the EU Biodiversity Strategy, the 2030 Soil Strategy, the Farm2Fork Strategy, the Chemicals Strategy and the Zero Pollution Action Plan), and the development of the monitoring and indicator framework required to implement them. On a global level, this portfolio will also support the establishment up of the new Global Knowledge Support Service for Biodiversity.

Main partners

Partner DGs

AGRI, CLIMA, ECFIN, ENV, ESTAT, FISMA, INTPA, MARE, REGIO, REFORM, RTD, SANTE, TRADE

Selected stakeholders

ECHA, EEA, EFSA, EMA, ESA, UNEP

Biodiversity

One Health

Nature restoration

Ecosystems

Forest

Global targets

Ecosystem degradation

Soil health

Freshwater

Nature conservation

Sustainable finance

Spatial planning

Natural capital

Chemical pollution

Find out more



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<https://joint-research-centre.ec.europa.eu/jrc-research-portfolios/healthy-biodiversity>

Science for policy

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