EU Biodiversity Strategy for 2030

and the EU Nature Restoration Law

Luisa Samarelli
Acting Head of Unit D.3 – Nature Conservation
DG Environment
European Commission

European Union

The European Green Deal

- CLIMATE PACT AND CLIMATE Regulation
- PROMOTING CLEAN ENERGY
- INVESTING IN SMARTER, MORE SUSTAINABLE TRANSPORT
- PROTECTING AND RESTORING NATURE
- STRIVING FOR GREENER INDUSTRY
- FROM FARM TO FORK
- ELIMINATING POLLUTION
- LEADING THE GREEN CHANGE GLOBALLY
- ENSURING A JUST TRANSITION FOR ALL
- MAKING HOMES ENERGY EFFICIENT
- FINANCING GREEN PROJECTS

EU Biodiversity Strategy for 2030

Protect Nature

Enable Transformative Change

Restore Nature

EU For An Ambitious Global Agenda

Goals

- *2030 milestone: Ensure that Europe's biodiversity will be on a path to recovery for the benefit of people, the planet, climate and our economy;*

- *Headline ambition to ensure that by 2050 all of the world's ecosystems are restored, resilient, and adequately protected.*

Nature Restoration Regulation

Overarching objective

Restoration targets

Implementation framework

National Restoration Plans

Monitoring and Reporting

✓ Contribute to

A **continuous, long term and sustained recovery** of **biodiverse and resilient nature** across the EU land a sea areas through the **restoration of ecosystems**

Achieve EU **climate change** mitigation and adaptation objectives

Meeting the EU's international commitments (SDGs, CBD, UNFCCC, CCD, UN Decade on Restoration,....)

✓ By 2030 → restoration measures will cover **20%** of EU's land and sea

✓ By 2050 → measures in place for **ALL ecosystems in need** of restoration

Specific restoration targets

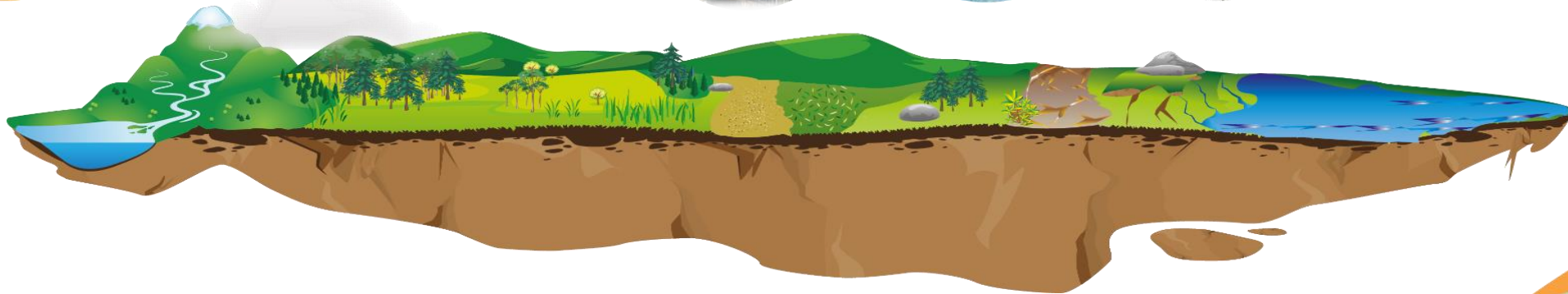| Protected Habitat Types (Annex I HD) | Habitats of protected species (BHD) | Marine Habitats (beyond HD) | Urban ecosystems | River connectivity | Pollinators | Agro-ecosystems | Forest ecosystems |

Targets based on existing legislation (Art.4 & 5)

1) Effort based: Put in place restoration measures
- ✓ Habitat types in Annexes I and II
  - ✓ to improve the condition (measures on at least 30% by 2030, 60% by 2040, 90% by 2050)
  - ✓ To re-establish (measures on at least 30% of additional area by 2030, 60% by 2040, 100% by 2050);
- ✓ Habitats of species
  - ✓ to improve quality and quantity, to re-connect

2) Outcome based:
- ✓ continuous improvement in areas subject to restoration measures
- ✓ non deterioration (with exceptions) of habitat types in Annexes I and II
- ✓ 90 % of habitat area in good condition + FRA
- ✓ increasing trend towards the sufficient quality and quantity of habitats of species

Urban ecosystem targets (Art.6)

- No net loss of urban green space by 2030
- 3% increase in the total national area of urban green space by 2040 & 5% increase by 2050
- Minimum of 10 % urban tree canopy cover by 2050
- Net gain of urban green space integrated into buildings and infrastructure developments

River connectivity - target

- Identify and remove barriers that prevent the connectivity of surface waters in order to contribute to...

    → ..the targets for riverine habitats & ecosystems (e.g. floodplains)
    → ...the objective of restoring at least 25 000 km of free-flowing rivers in the EU by 2030

Pollinator populations - target

- Reverse the decline of pollinator populations by 2030

- Achieve thereafter an increasing trend for pollinator populations (until satisfactory levels), with a methodology for annual monitoring

Agricultural ecosystems targets (Art.9)

Put in place **restoration** measures necessary to enhance biodiversity of agricultural ecosystems **in addition to Art 4**

Achieve an **increasing trend in indicators** (until satisfactory levels are achieved):
➢ Grassland butterfly index;
➢ Stock of organic carbon in cropland mineral soils;
➢ Share of agricultural land with high-diversity landscape features;

➢ **Specific target to enhance the Farmland bird index** by 2030/40/50 at national level
➢ Put restoration measures on at least 30% by 2030, 50% by 2040 and 70% by 2050 of **drained peatlands under agricultural use**, ¼ (2030) and ½ (2040 and 2050) of which shall be rewetted.
  • Flexibility clauses are giving the option to work also on peat extraction sites and partly on other types of drained peatlands.

Forest ecosystems targets (Art.10)

Put in place **restoration** measures necessary to enhance forest biodiversity **in addition to Art 4**

Achieve an **increasing trend in indicators** (until satisfactory levels are achieved):

➢ Standing deadwood;
➢ Lying deadwood;
➢ Share of forest with uneven age structure;
➢ Forest connectivity;
➢ Common forest birds index;
➢ Stock of organic carbon.

Implementation framework

National Restoration Plans

- **Preparatory work**: Monitoring and research to quantify & map areas in need of restoration; Identify satisfactory levels for indicators; Identify synergies with climate change & other plans and strategies

- **Content**: Quantification & description of the restoration measures, non-deterioration measures & timing for implementation: 2030, 2040, 2050; Details on how to finance the implementation of the restoration measures

- **Process**: Public/stakeholder participation in preparing the plans; Submission after 2 years to COM; COM observations

Monitoring and Reporting

- Member States to report on implementation of NRP, putting in place restoration measures and results achieved.

Thank you for your attention!

More info:
https://environment.ec.europa.eu/topics/nature-and-biodiversity/nature-restoration-law_en