



Green Deal Data Space Webinar #biodiversity 10 May 2023

DG ENV.01 Strategy, Digitalization, Better Regulation & Economic Analysis

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Digitalisation – 4 core tasks



The GREEN DEAL DATA SPACE

INSPIRE DIRECTIVE

GREEN DATA4 ALL

**GeoSpatial
Intelligence**

**DIGITAL
coordination**

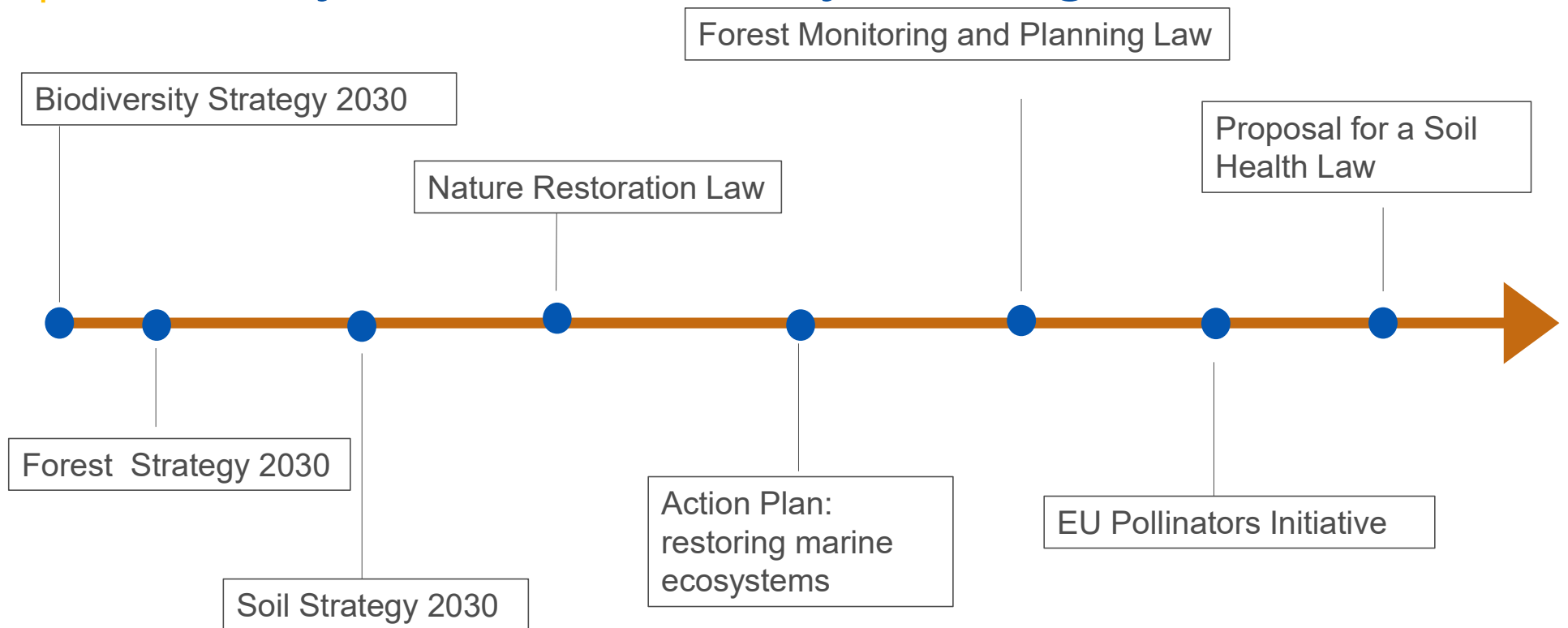
Corporate data policy



Overview

- ❑ How #biodiversity regulation can potentially boost the demand for data
- ❑ Pathway 1: Biodiversity strategy for 2030 & offspring regulations
- ❑ Pathway 2: Other sectorial regulations indirectly linked to #biodiversity
e.g. Corporate Sustainability Reporting Directive
- ❑ Outline the Opportunities for the Green Deal Data Space

Pathway 1: #Biodiversity strategies and laws



Pathway 1: opportunities

- Design an integration strategy for legacy systems (e.g. EMODNet) and open repositories (e.g. Zenodo).
 - A “low hanging fruit” of this integration strategy could be a data search engine like the one piloted by Google <https://ai.googleblog.com/2023/02/datasets-at-your-fingertips-in-google.html>
 - Challenges rise: data quality, data ingestion etc
- How to incentivize data sharing from private/ non-public fragmented data bases?

Pathway 2.1: regulations with indirect link to #biodiversity

DRAFT EUROPEAN SUSTAINABILITY REPORTING STANDARDS

ESRS 1 General requirements



November 2022

16.12.2022 EN Official Journal of the European Union L 322/15

DIRECTIVES

DIRECTIVE (EU) 2022/2464 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
of 14 December 2022
amending Regulation (EU) No 537/2014, Directive 2004/109/EC, Directive 2006/43/EC and Directive 2013/34/EU, as regards corporate sustainability reporting
(Text with EEA relevance)

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty on the Functioning of the European Union, and in particular Articles 50 and 114 thereof,

Having regard to the proposal from the European Commission,

After transmission of the draft legislative act to the national parliaments,

Having regard to the opinion of the European Economic and Social Committee ⁽¹⁾,

Acting in accordance with the ordinary legislative procedure ⁽¹⁾,

Whereas:

⁽¹⁾ In its communication of 11 December 2019 entitled 'The European Green Deal' (the 'Green Deal'), the European Commission made a commitment to review the provisions concerning non-financial reporting of Directive 2013/34/EU of the European Parliament and of the Council ⁽¹⁾. The Green Deal is the new growth strategy of the Union. It aims to transform the Union into a modern, resource-efficient and competitive economy with no net emissions of greenhouse gases (GHG) by 2050. It also aims to protect, conserve and enhance the Union's natural capital, and protect the health and well-being of Union citizens from environment-related risks and impacts. The Green Deal aims to decouple economic growth from resource use, and ensure that all regions and Union citizens participate in a socially just transition to a sustainable economic system whereby no person and no place is left behind. It will contribute to the objective of building an economy that works for the people, strengthening the Union's social market economy, helping to ensure that it is ready for the future and that it delivers stability, jobs, growth and sustainable investment.

- Corporate Sustainability Reporting Directive (EU) 2022/2464
- European Sustainability Reporting Standard
- Biodiversity & Ecosystems on of the sustainability matters covered

Pathway 2.2: regulations with indirect link to #biodiversity



Brussels, 17.11.2021
COM(2021) 706 final
2021/0366 (COD)

Proposal for a

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

on the making available on the Union market as well as export from the Union of certain commodities and products associated with deforestation and forest degradation and repealing Regulation (EU) No 995/2010

(Text with EEA relevance)

{SEC(2021) 395 final} - {SEC(2021) 396 final} - {SWD(2021) 325 final} -
{SWD(2021) 326 final} - {SWD(2021) 327 final} - {SWD(2021) 328 final} -
{SWD(2021) 329 final}

- deforestation regulation
COM(2021) 706 final
- Use EO data, field surveys or isotope testing to trace products and check compliance
- EO verifications a green field for use- cases

Pathway 2.3: regulations with indirect link to #biodiversity



Brussels, 30.11.2022
COM(2022) 672 final
2022/0394 (COD)

Proposal for a

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

establishing a Union certification framework for carbon removals

{SEC(2022) 423 final} - {SWD(2022) 377 final} - {SWD(2022) 378 final}

- Carbon capture or removals will be needed to offset hard-to-abate residual emissions
- ensure the high quality of carbon removals in the EU
- Carbon removals projects will increase so monitoring through digital means is encouraged
- The digital MRV of carbon credits projects is a trending topic too in the voluntary market



Conclusions

- Starting from recent proposals of EC regulations we reflected on how the Green Deal Data Space could contribute with impactful use-cases
- We followed 2 pathways:
 - 1st: the **biodiversity strategy 2030** and offspring regulations
 - 2nd Sectorial regulations **like CSRD, Deforestation Regulation, Carbon removal certificates**
- Both pathways could offer opportunities for the GDDS in regards of biodiversity

Thank you!

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