EEA-Eionet Strategy 2021-2030
Knowledge for transformative change

Milan Chrenko|European Environment Agency | 5 October 2021

2020s: a pivotal decade with a receptive EU environment

- European Commission

- Countries, Council

- European Parliament

- Committee of the Regions

- European Economic and Social Committee

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The European Green Deal

Mobilising research and fostering innovation

Transforming the EU's economy for a sustainable future

Increasing the EU's Climate ambition for 2030 and 2050

A zero pollution ambition for a toxic-free environment

Supplying clean, affordable and secure energy

Preserving and restoring ecosystems and biodiversity

Mobilising industry for a clean and circular economy

The European Green Deal

From 'Farm to Fork': a fair, healthy and environmentally friendly food system

Building and renovating in an energy and resource efficient way

Accelerating the shift to sustainable and smart mobility

Financing the transition

Leave no one behind (Just Transition)

The EU as a global leader

A European Climate Pact

Image Courtesy: European Commission

The European Green Deal

- First **climate-neutral** continent, incl. **Adaptation** Strategy
- **Biodiversity** Strategy 2030
- New **Circular Economy** Action Plan
- **Zero pollution** strategy
- **Farm to fork** strategy
- **Just transition**
- **Sustainable** European **Investment** Plan
- Future ready economy – new **industrial strategy**
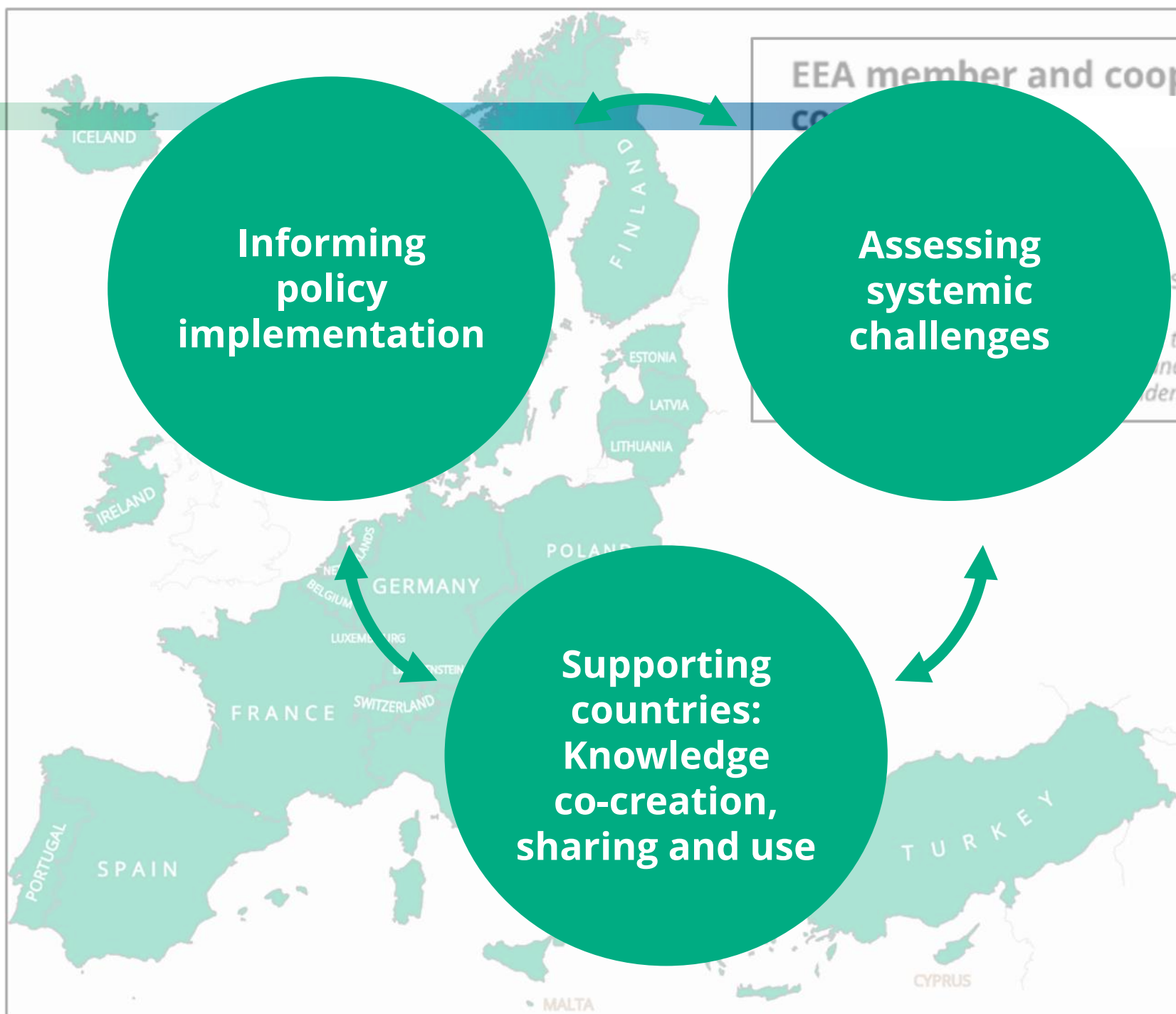
EEA-Eionet Strategy 2021-2030: Vision
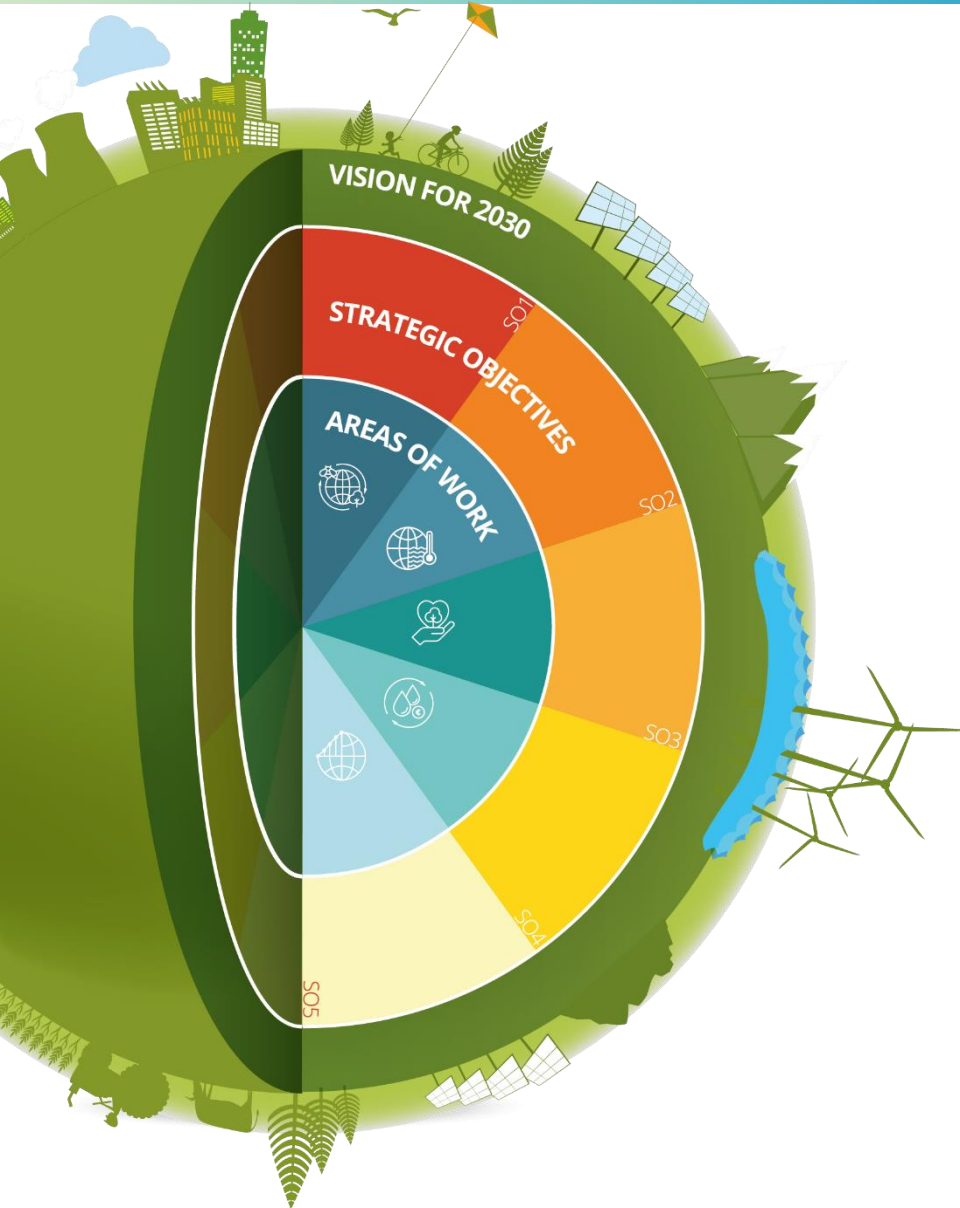
Our vision is to enable a sustainable Europe through **trusted and actionable knowledge** for informed decision-making on **environment and climate priorities** and solutions, in line with Europe's **policy ambitions**.

EEA and Eionet will together constitute the **leading network** for policy-relevant environment and climate knowledge at European Union and country levels.

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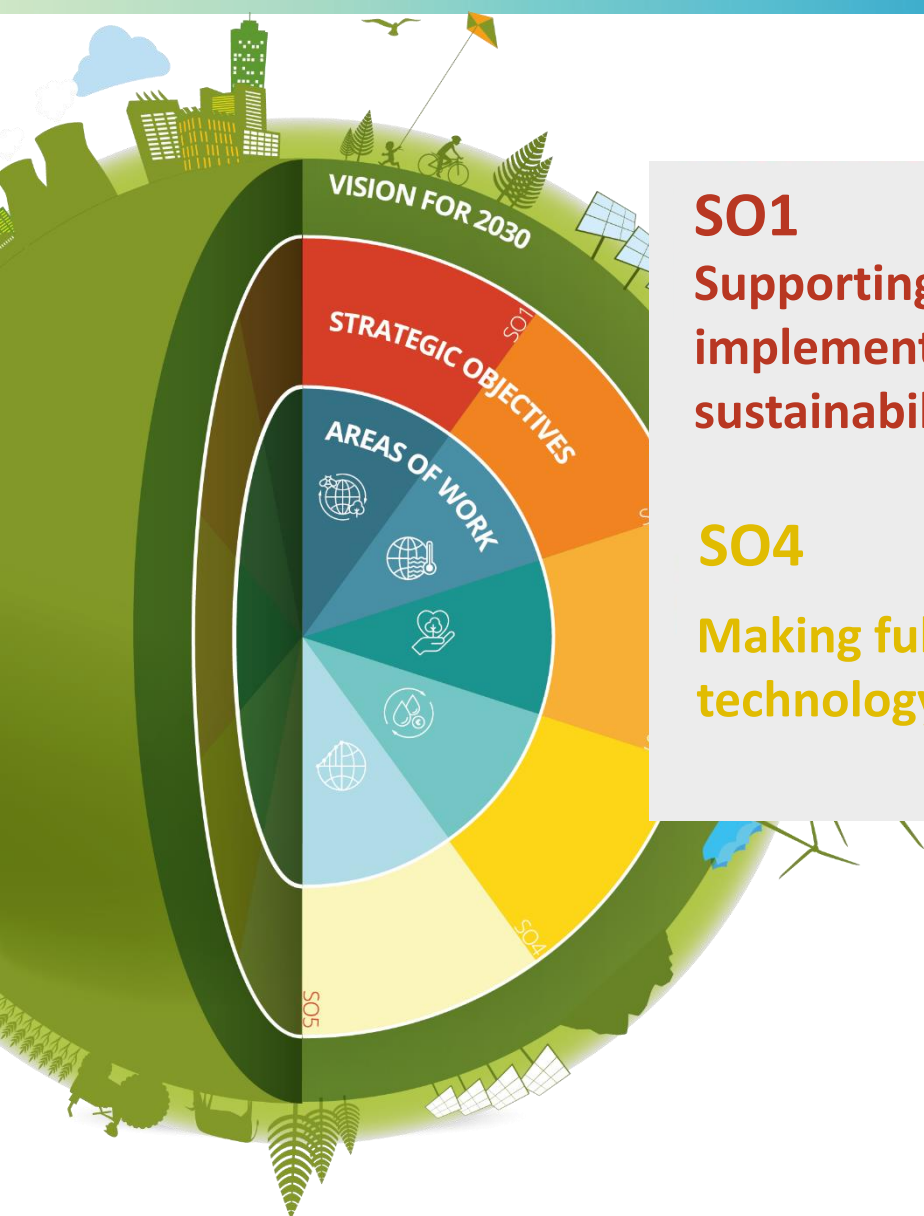
EEA-Eionet Strategy 2021-2030: Strategic objectives

SO1
Supporting policy implementation and sustainability transitions

SO2
Providing timely input to solutions for sustainability challenges

SO3
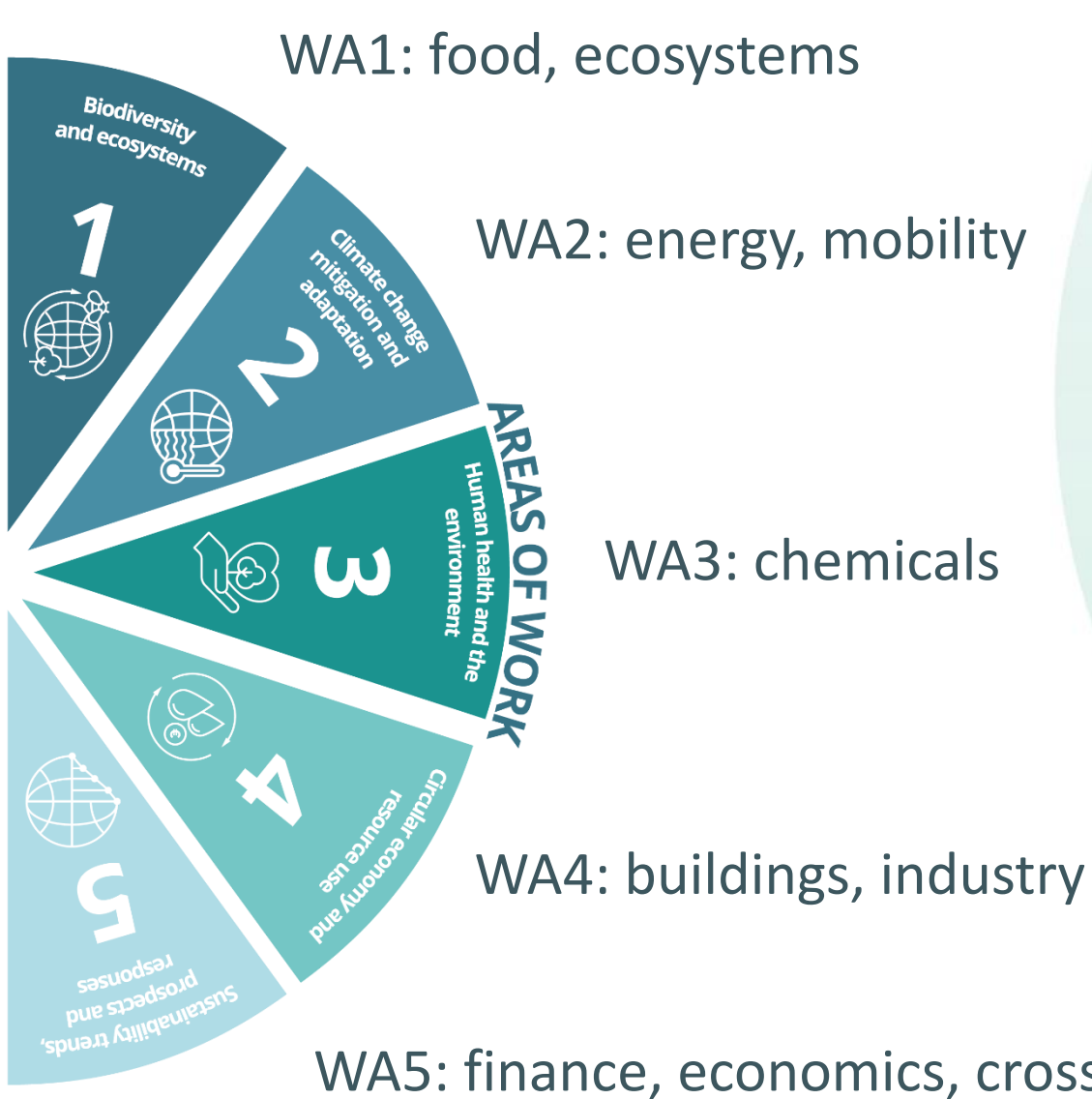Building stronger networks and partnerships

SO4
Making full use of the potential of data, technology and digitalisation

SO5
Resourcing our shared ambitions

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Engaging with the systemic framing of the EGD

WA1: food, ecosystems

WA2: energy, mobility

WA3: chemicals

WA4: buildings, industry

WA5: finance, economics, cross-system

AREAS OF WORK

1 — Biodiversity and ecosystems

2 — Climate change mitigation and adaptation

3 — Human health and the environment

4 — Circular economy and resource use

5 — Sustainability trends, prospects and responses

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EEA and Eionet start the 2020s in a strong position

Building on the successes of recent years:

- Linking science to policy (e.g. EGD, 8EAP)

- New strategy giving greater priority to knowledge for sustainability and more solutions-oriented knowledge

- Stronger networks and partnerships: research, policy, civil society

- Stronger resource position in 2020 and 2021-2027

- New ETC configuration

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Implementing the Strategy @EEA

Through strategic investments in:

- **Networking and partnerships (Eionet modernization)**

- **Digitalisation** (IT framework)

- Learning and competencies (HR framework)

- Trusted, supportive and agile communication (Communication framework)

- Science-policy interface

- Knowledge development towards SOER 2025 and beyond

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Innovation in Eionet network

Two main dimensions:

1. **New priorities**. Focus on 5 areas of work, the links between these dimensions, systems, increasing capacities on **solutions towards sustainability**

2. New working methods. Encouraging **flexibility**, **responsiveness**, joint learning, innovation, **digitalisation**, co-creation…

Ensure greater and clearer **added value for the countries** – *develop a more joint/co-led network community*

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VISION FOR 2030

STRATEGIC OBJECTIVES

AREAS OF WORK

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GreenData4All

Digital drivers for change

A Europe fit for a digital Age
High expectations on the usability of the INSPIRE data infrastructure.

DIGITAL EUROPE PROGRAMME

FIVE FOCUS AREAS UNDER DIGITAL EUROPE PROGRAMME:

- Supercomputing
- Artificial Intelligence
- Cybersecurity and Trust
- Advanced Digital Skills
- Ensuring the wide use of digital technologies across the economy and society

WP 2021 -2022 under DEP
Digital for Planet chapter
Towards and EU common green dataspace in support of the Green Deal (CNECT.H5)

EUROPEAN DATA STRATEGY

Green Deal Dataspace
- **EU GREEN DATA4ALL** (ENV.A4)
- **A EU Dataspace for Smart Circular Applications (EDSCA)** (ENV.B)
- **A pilot for the "zero pollution ambition"** (ENV.C)
- **Destination Earth** (CNECT.C1)

EUROPEAN DATA PACKAGE

OPEN DATA & PSI DIRECTIVE
High Value Data sets (CNECT.G1)

Image Courtesy: European Commission

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Green data space – underlying EU activities

- „GreenData4All" initiative – evaluate and review INSPIRE, Open Data and Access to Environmental Information Directives (Q4 2021 – Q1 2022)

- Roll out re-usable data-services for large data volumes

- Data space for smart circular applications, digital product policy and passports …

- Pilot for early implementation in the area of „Zero pollution ambition"

- Launch „Destination Earth" initiative - bringing together scientific and industrial excellence to establish digital model of the earth

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European Green Data Task Force - mandate

Purpose:

Effective management of environment and climate data supporting the European Green Deal

Governance:

Participants form the partners of the Environment Knowledge Community (EKC) in the TF:

DG ENV, CLIMA, RTD, JRC, ESTAT, AGRI, DEFIS, EEA - DG ENV and EEA as co-chairs

Established in 2020 and continuing Task Forces activities on

• Environmental data centres and

• Interoperability of platforms and catalogues on ecosystem-based initiatives

Tasks:

• Propose governance arrangements

• Improve data mapping

• Define user needs

• Facilitate data access and sharing

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EEA-Eionet Digitalisation Framework 2021-2030

Linking EEA-Eionet Strategy with implementation activities

Identifying activity areas

Listing needed actions

Establishing a dynamic roadmap with concrete activities

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Summary

The European Green Deal

provides the new policy driver

Digitalisation

is the key enabler to help "unlock value from data"

EEA-Eionet fully involved

Digital technologies are crucial for the EU to become climate neutral by 2050, the goal set in the European Green Deal.

Energy networks · **Precision farming** · **Mobility and transport** · **Smart buildings** · **Green data spaces** · **The power of data**

Image Courtesy: European Commission

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Děkuji!

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