



FISE the Forest Information System for Europe

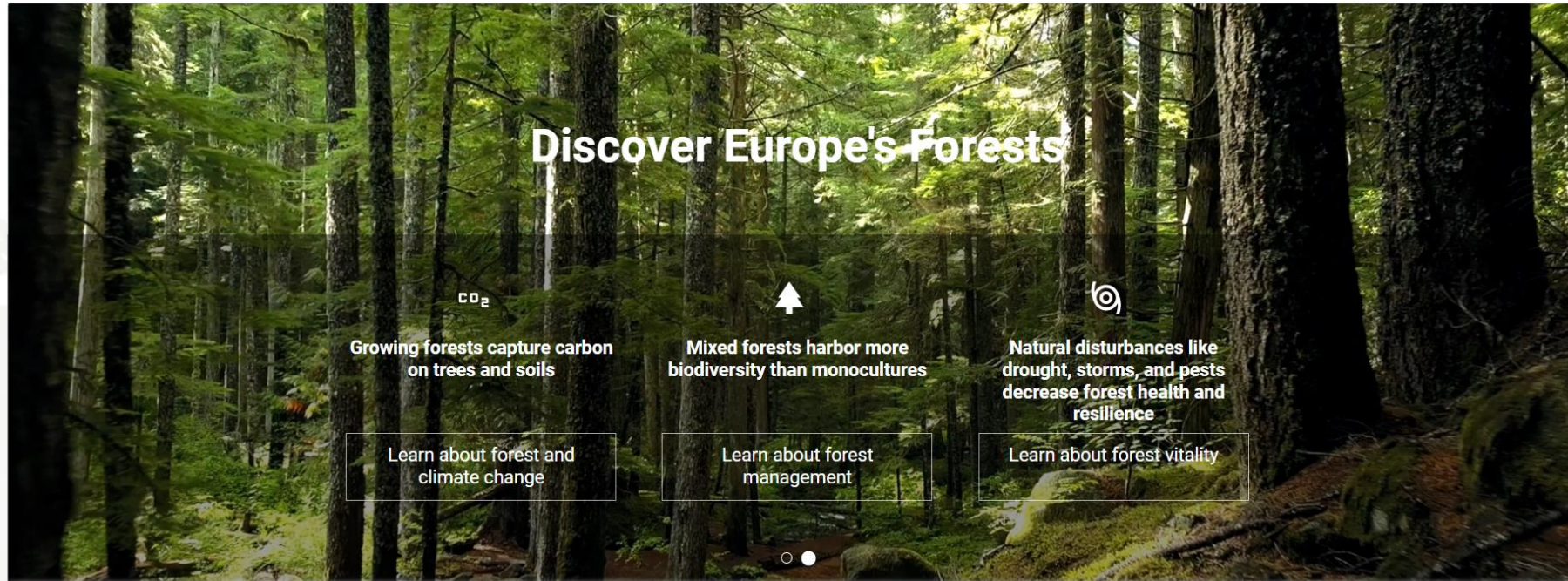
Annemarie Bastrup-Birk

European Environment Agency



UNECE

SUSTAINABLE
DEVELOPMENT GOALS



 **THE 3 BILLION TREE PLANTING PLEDGE FOR 2030**
[LEARN MORE AND JOIN THE PLEDGE](#)

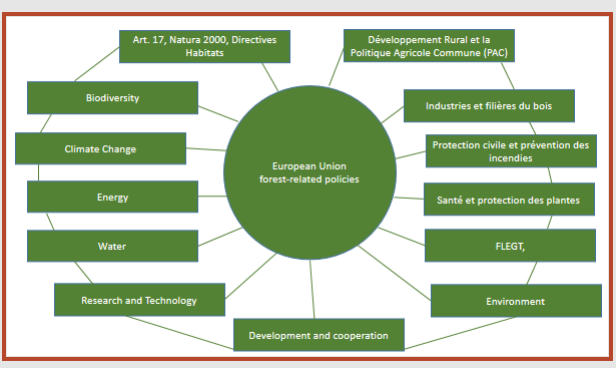


Welcome to FISE

FISE is the entry point for sharing information with the forest community on Europe's forest environment, its state and development.

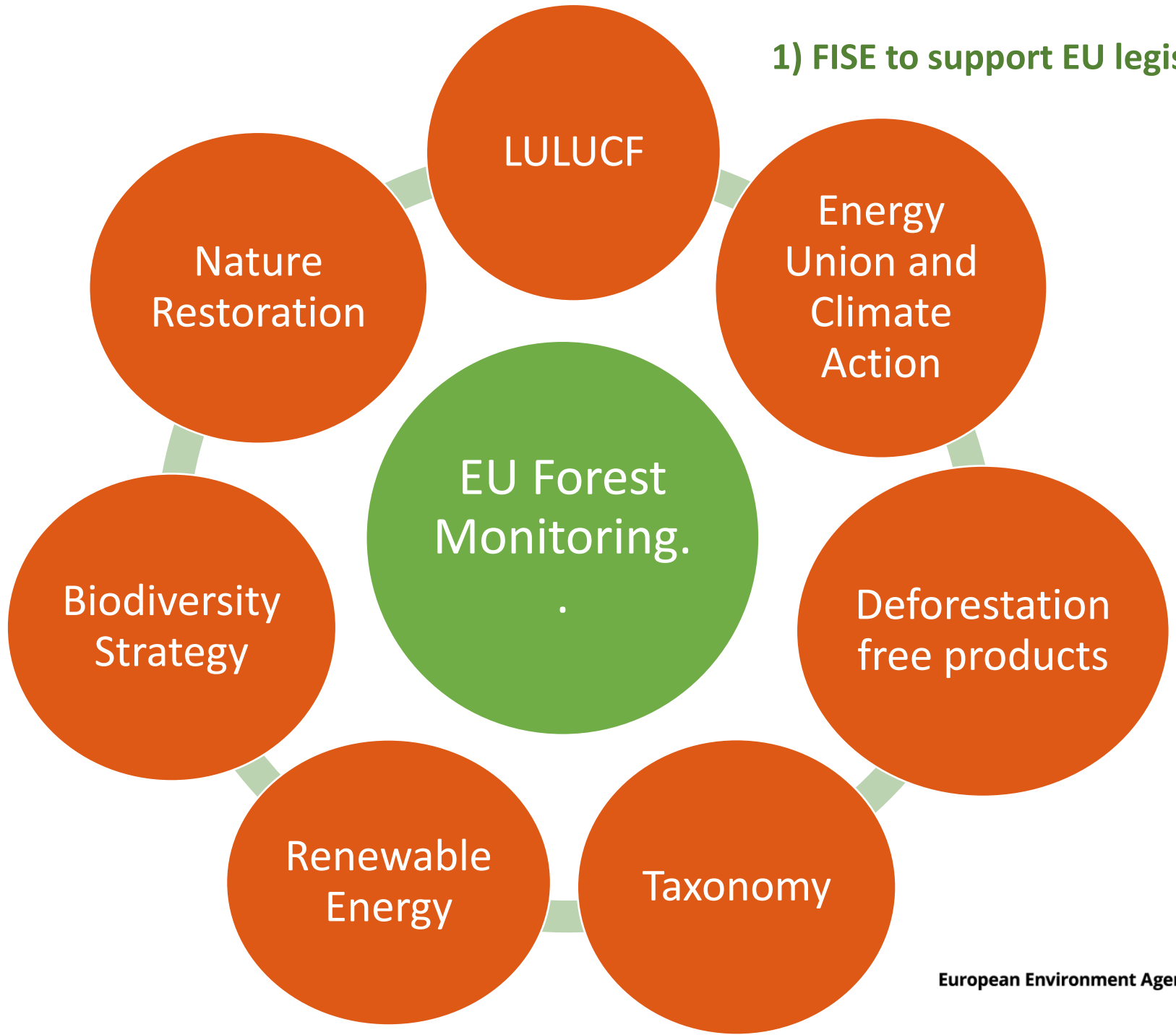
FISE brings together data, information and knowledge gathered or derived through key forest-related policy drivers.





EU Green Deal

1) FISE to support EU legislation



2) To understand and communicate the role of forests as vital for nature and people

Host 80% of biodiversity on Earth



Build up soils and their biodiversity



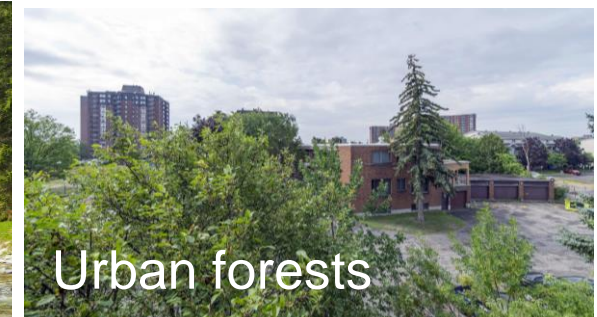
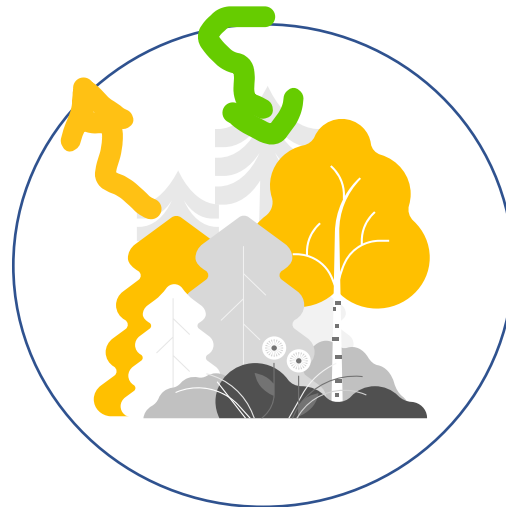
Provide clean water and air



Provide healthy food

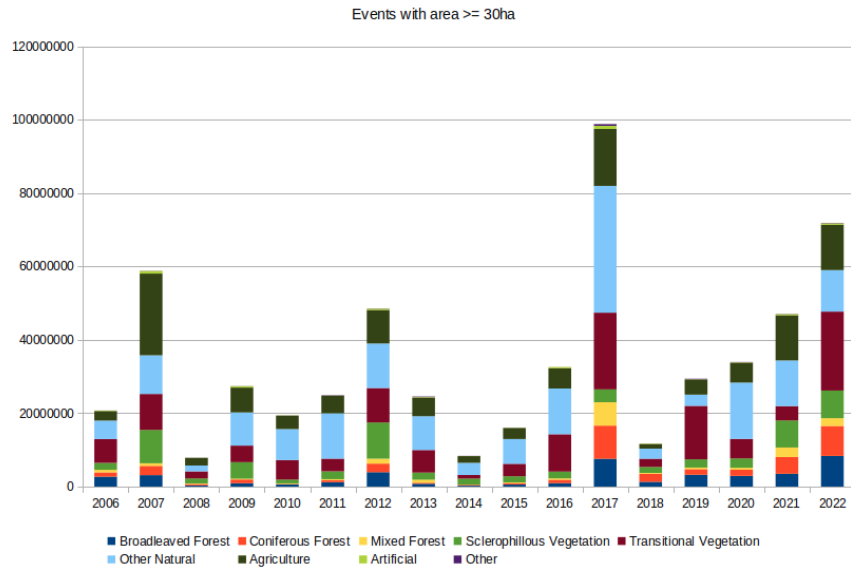


Sequester CO₂

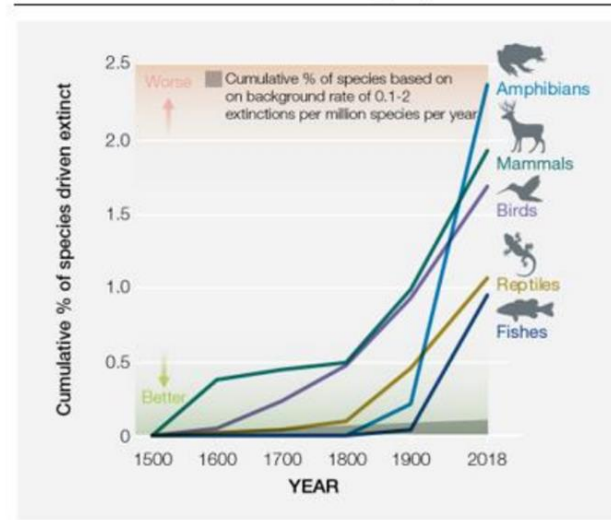


3) To understand and communicate Europe's forests state and trends

Different land cover area (ha) affected by fires 2006-2022



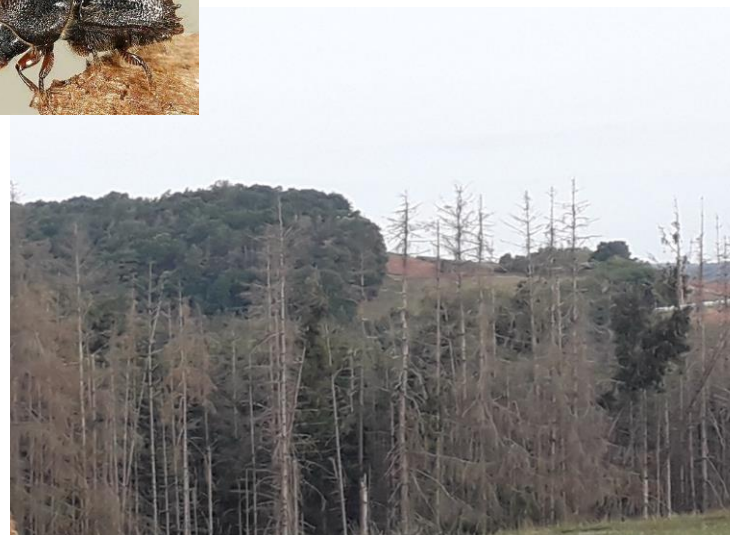
Extinctions since 1500 for vertebrate groups



Note: Rates for reptiles and fishes have not been assessed for all species.

Source: IPBES, 2019.

- Biodiversity loss
- Climate change
- Pollution
- Invasive alien species
- Land use changes



3) To communicate on pathways and solutions

Nature-based solutions

Protection

Regeneration

Sustainable management

Knowledge

Monitoring

Research

Tools

Practices

Enablers

Legislation

Governance

Finance and investments

Networks and partnerships



- Forest owners and managers
- Forest industry
- Country Forest Services and Agencies
- Organisations (NGO, sectors, trade unions, etc)
- Environmental agencies (watershed agencies)
- Policy makers, administrators, ministries
- Forest scientists, researchers, education
- Forest products consumers, general public information and communication, journalists

Technical audience

Non-technical audience

- A. Under time pressure:**
- Non-technical tone, plain language
 - **Key messages (as bullet points)**
 - **Simple infographics or maps**
 - **Easy search, download, printing functions**

- B. With some time pressure:**
- Non-technical language
 - **Some scrolling, longer informative text**
 - **Simple (interactive) data and maps visualisations**

- C. No time pressure:**
- Technical language is acceptable
 - **Complex data visualizations, highly interactive**
 - **raw data**



Explaining and communicating data

Use visualisation to deliver the storyline, clear messaging, appealing graphics

Infographics
Simple static maps

Dashboards

Simple interactive visualizations, maps

Interactive visualizations
SANDBOX

Allow the user to see and understand the data, explore, "play"

Exploring data

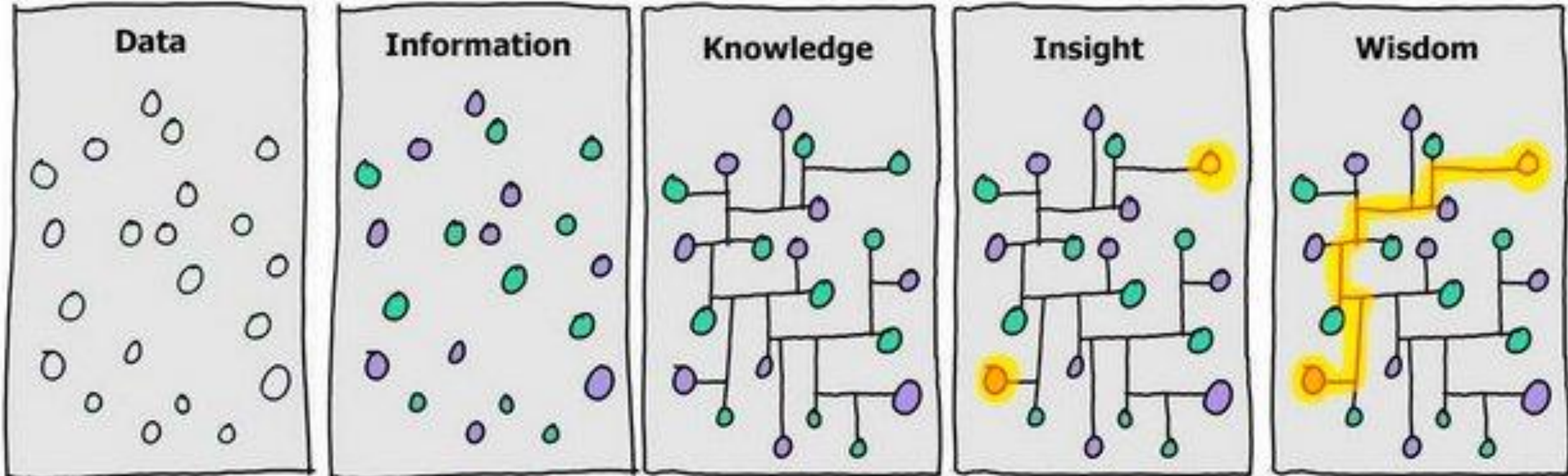
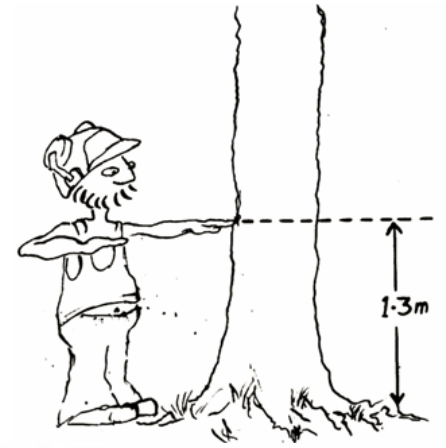
The expert to get access to existing information

Data viewers

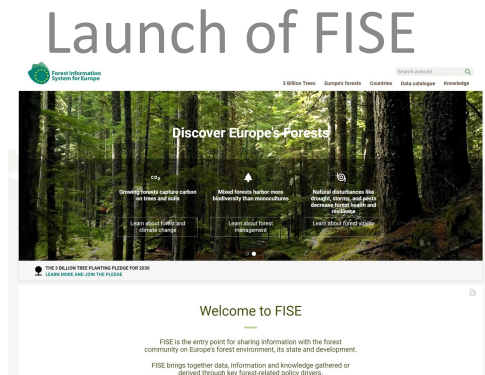
DATA



Data, Information, Knowledge

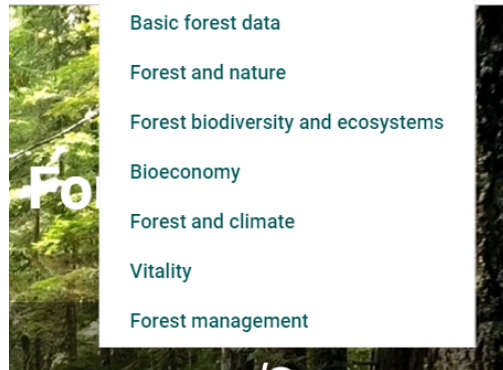


FISE - a long road- joining the dots



Basic data
Copernicus
EEA data and maps
JRC Data Catalogue

3 Billion Trees Europe's forests Countries



API

Eionet Forest Group, DG ENV,
DG CLIMA, JRC,
Eurostat/LUCAS, Forest Europe,
UNECE/FAO, INFOREST, ENFIN,
EFI

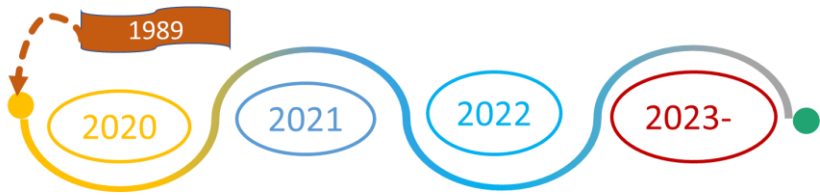


MapMyTree data flows via
ReportNet 3
Country pages
New contract to start for
further content development

Europe's forests Countries Data catalogue

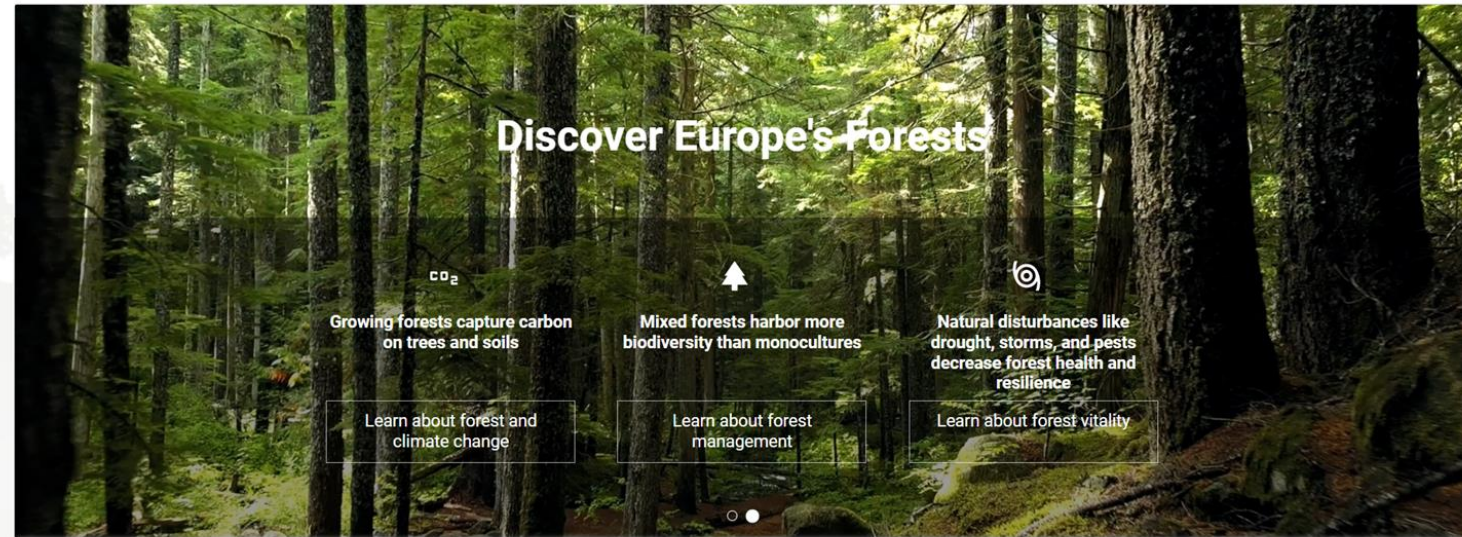
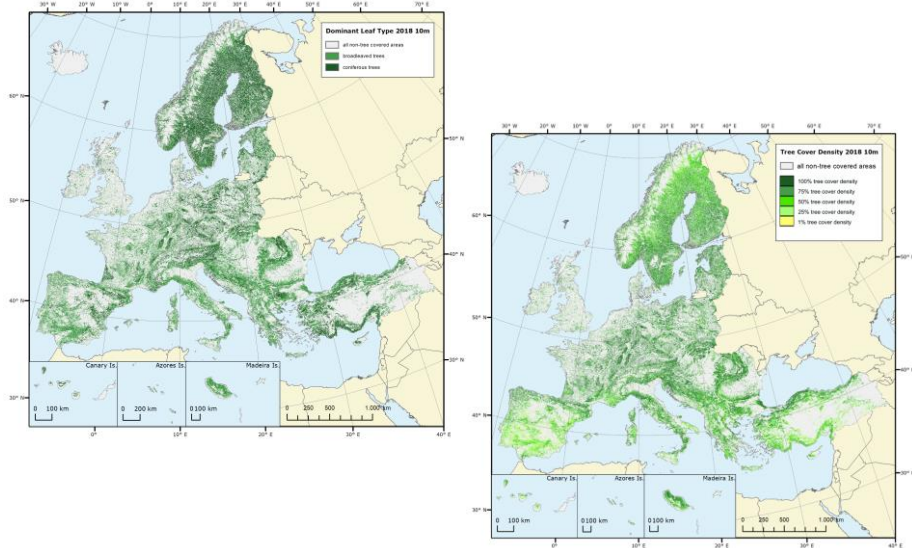
Europe's forests	Countries	Data catalogue
Austria	Belgium	Bulgaria
Croatia	Cyprus	Czechia
Denmark	Estonia	Finland
France	Germany	Greece
Hungary	Ireland	Italy
Latvia	Lithuania	Luxembourg
Malta	Montenegro	Netherlands
Norway	Poland	Portugal
Romania	Serbia	Slovakia
Slovenia	Spain	Sweden
Switzerland	Turkey	
Regions		





Launch of FISE

Basic data
Copernicus maps
EEA data and maps
JRC Data Catalogue

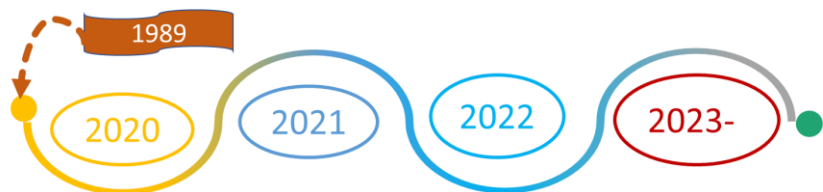


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3 Billion Trees

Europe's forests

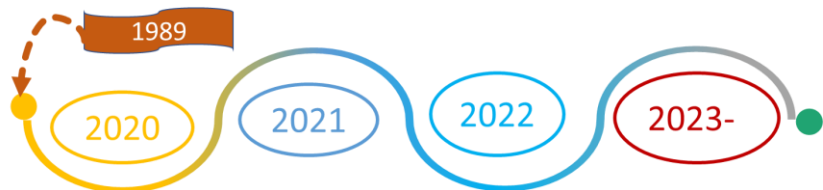
Countries

A screenshot of a web interface with a forest background. A white dropdown menu is open, listing the following topics: Basic forest data, Forest and nature, Forest biodiversity and ecosystems, Bioeconomy, Forest and climate, Vitality, and Forest management. The letters 'Fo' are visible on the left side of the background image.

API, direct inputs, ...

Eionet Forest Group, DG ENV, DG CLIMA, JRC, Eurostat/LUCAS, Forest Europe, UNECE/FAO, ENFIN, ICP-Forests, EFI





MAPMYTREE tool

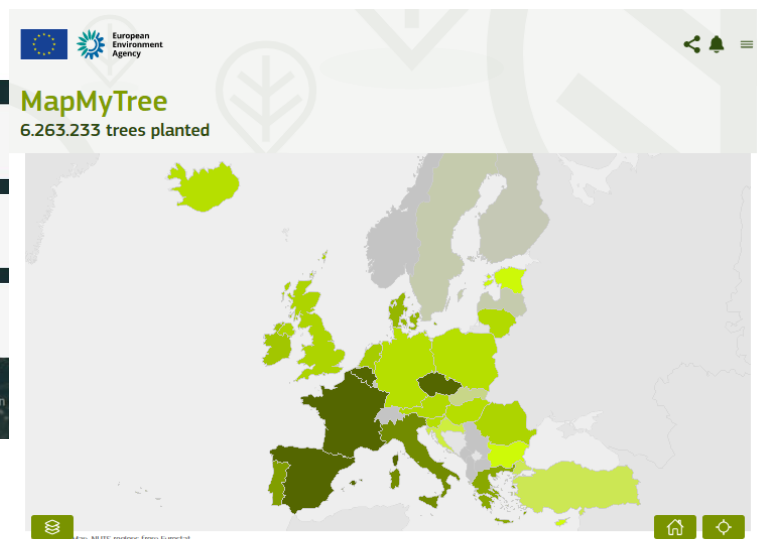
LIVE STATUS COUNTER

6,263,233 additional trees planted and reported in EU27

27 Active Organisations

27 EU27 Countries

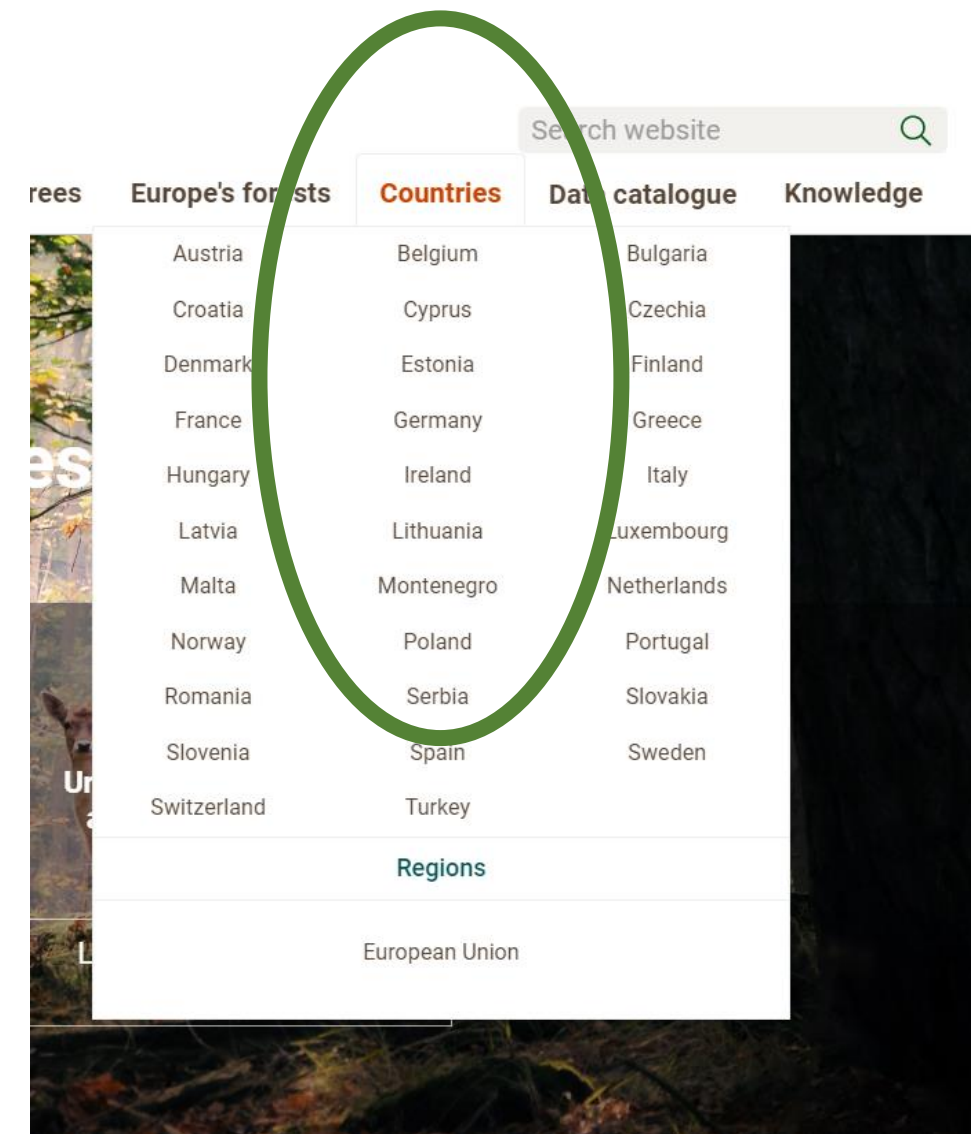
Source:
MapMyTree dataflow available on ReportNet 3 platform for reporting environmental and climate data to the European Environment Agency (EEA)



You have registered 0 action(s). Inform about your plantations through the application

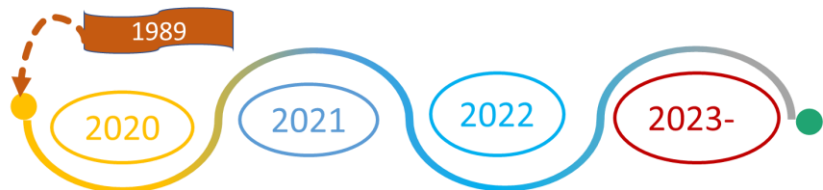
My content

Report +



[3 Billion Trees \(europa.eu\)](https://europa.eu)

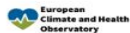
- MapMyTree data flows via ReportNet 3
- Country pages
- New contract for content



Spatial data catalogue for country data



Biodiversity
Biodiversity related datasets



Climate and Health

European Climate and Health Observatory Catalogue



Climate-ADAPT

Climate Change Adaptation related datasets



Copernicus Land

Copernicus Land Monitoring Service Pan-European and Local products



EARL
Environmental Accounting Reference Layers



External Datasets

Datasets not owned by EEA



Forest Information System for Europe

Forest related catalogue (BETA)



GEOSS

EEA datasets exposed through the GEOSS portal



Geospatial reference

Datasets for geospatial reference



INSPIRE Priority Datasets

INSPIRE Pan-European priority datasets for e-reporting



Marine

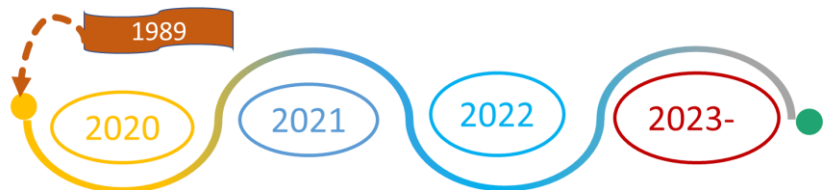
Marine related datasets



Water

Water related datasets





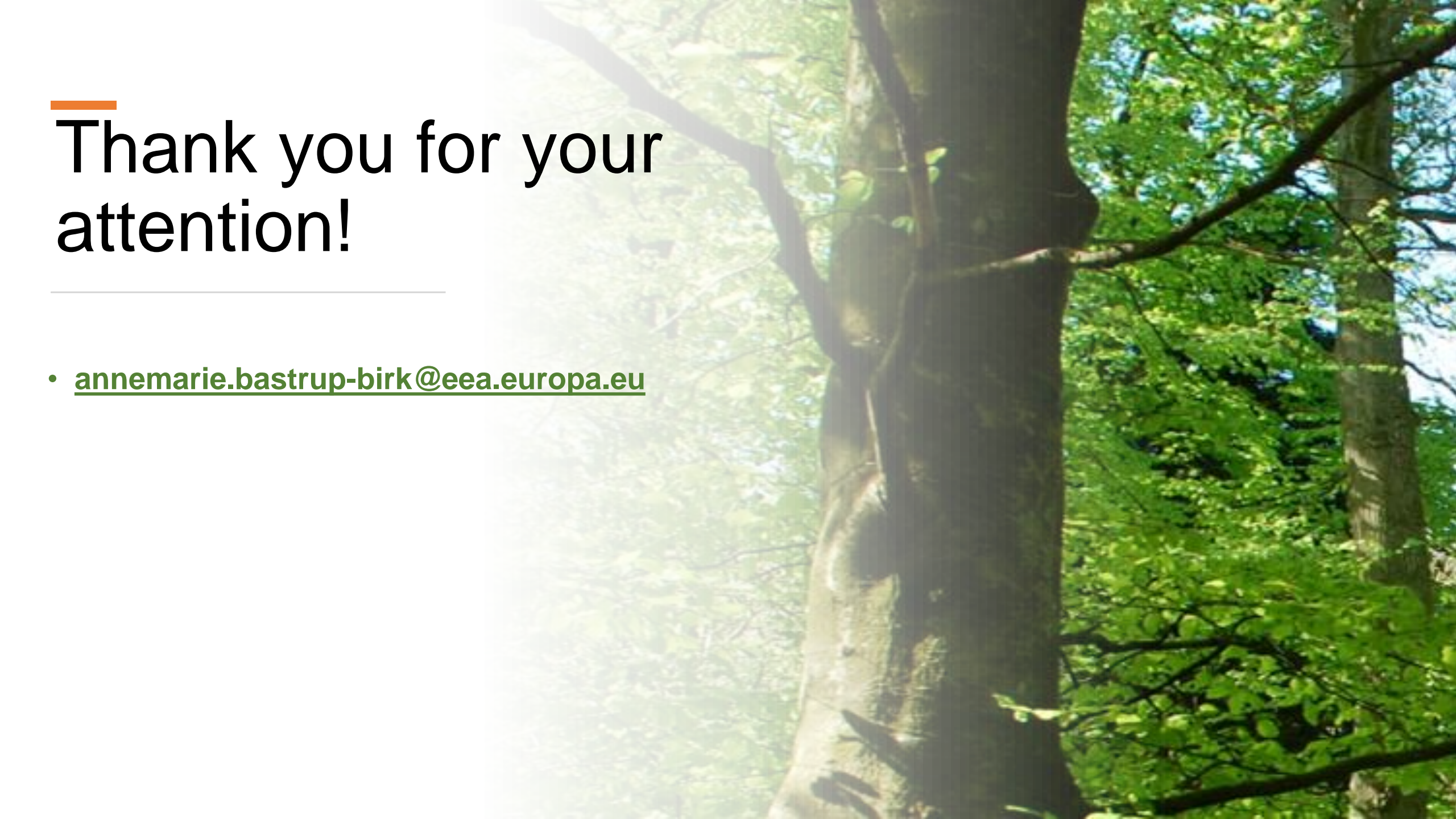
Content development

- Review, control, update existing content; secure coherence across topics (information, visualisations, messages)
- New indicators: soils, water, agroforestry
- Closer links to recent and ongoing research projects

Sharpen the role of FISE

- Increase synergies with other information systems and reporting platform
- Platform for MS to report on forests for the EU using ReportNet 3?





Thank you for your
attention!

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