



Towards Harmonised Forest Observation, Reporting and Data Collection Framework

EU forest monitoring system: Technical Aspects

15 September 2022

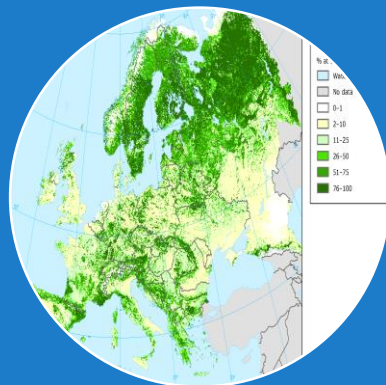
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DG ENVIRONMENT , European Commission

Strategic forest monitoring, reporting and data collection



Improved use of Copernicus products, other remote-sensing data and ground-based monitoring

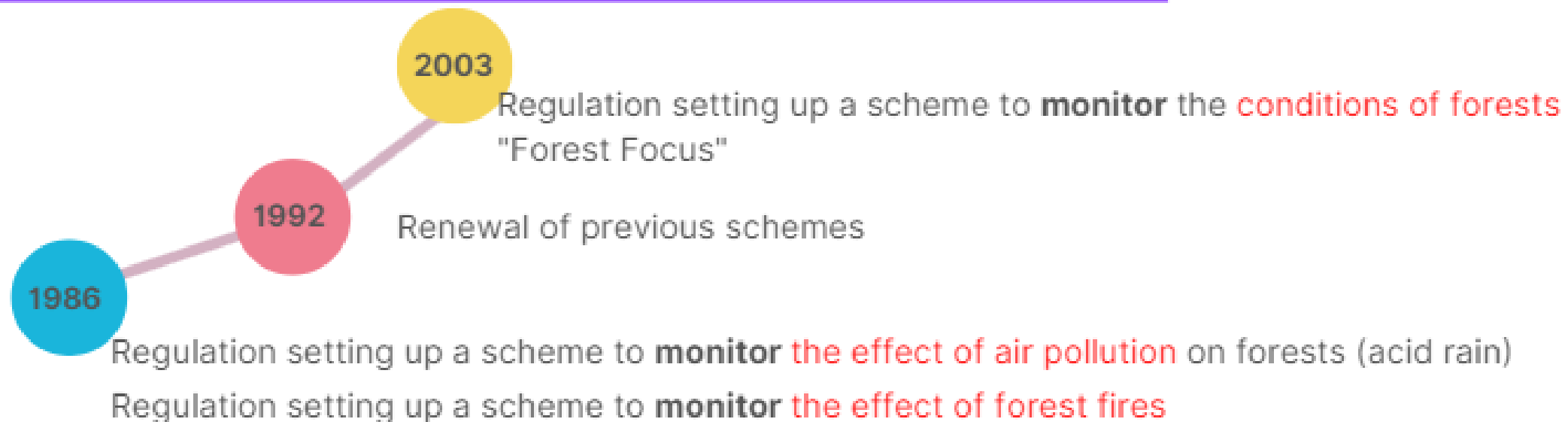


Enhancement of the Forest Information System for Europe (FISE)



New legislative proposal on EU Forest Observation, Reporting and Data Collection and Strategic Plans for Forests

Previous attempts to monitor some aspects of forests - all expired



Pressures and impacts of EU forests

Quickly accelerating rate of change of forest pressures and risks

Climate change effects with extreme weather events such as storms, droughts and wildfires

Acute biodiversity loss

Increased biomass demand and unsustainable forest management

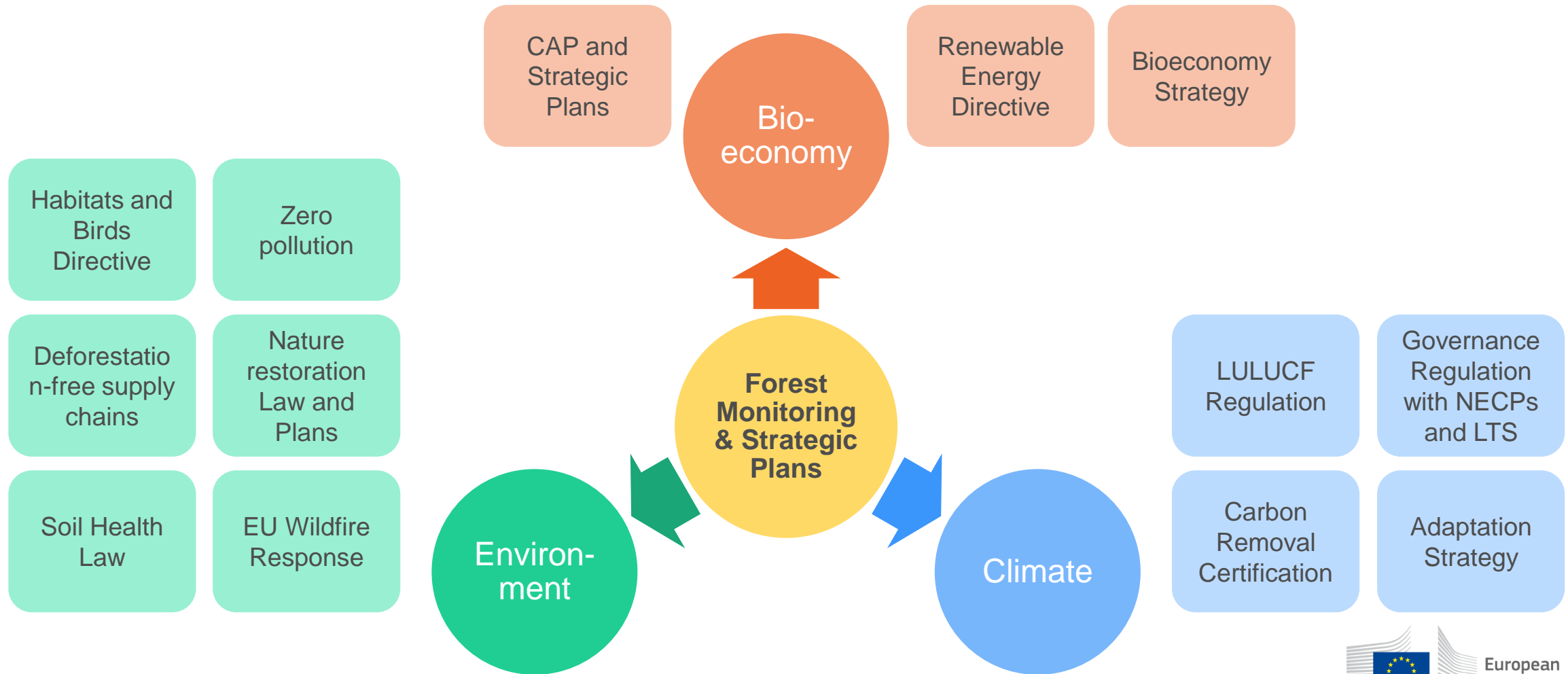
Land-take and fragmentation through pressures from urban settlements and agriculture

Critical loss of key forest ecosystem services

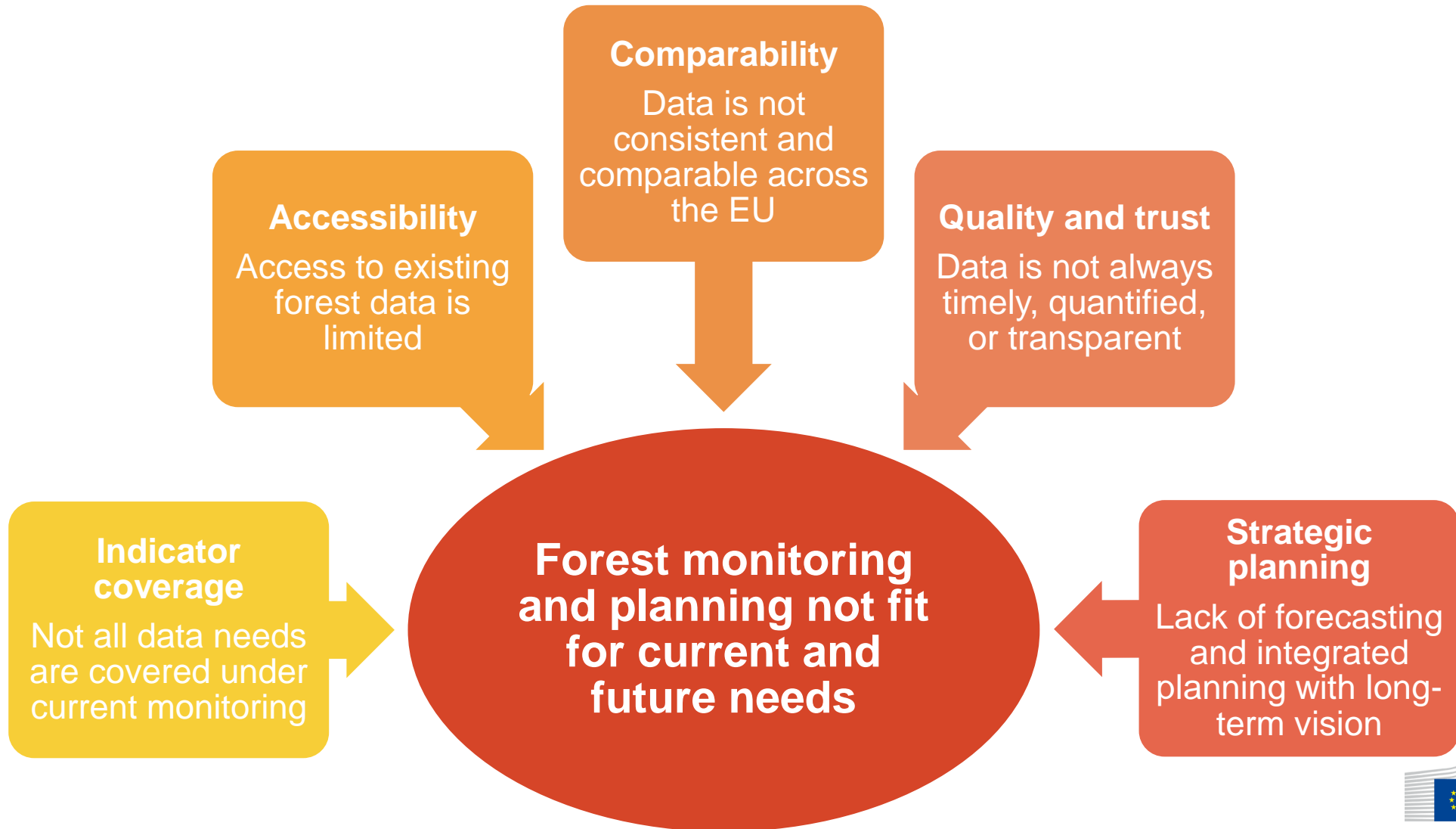
- Food and biomass provision
- Carbon sequestration
- Habitat for biodiversity
- Water filtering and cycling
- Nutrient cycling
- Clean air

Risks to human health and wellbeing

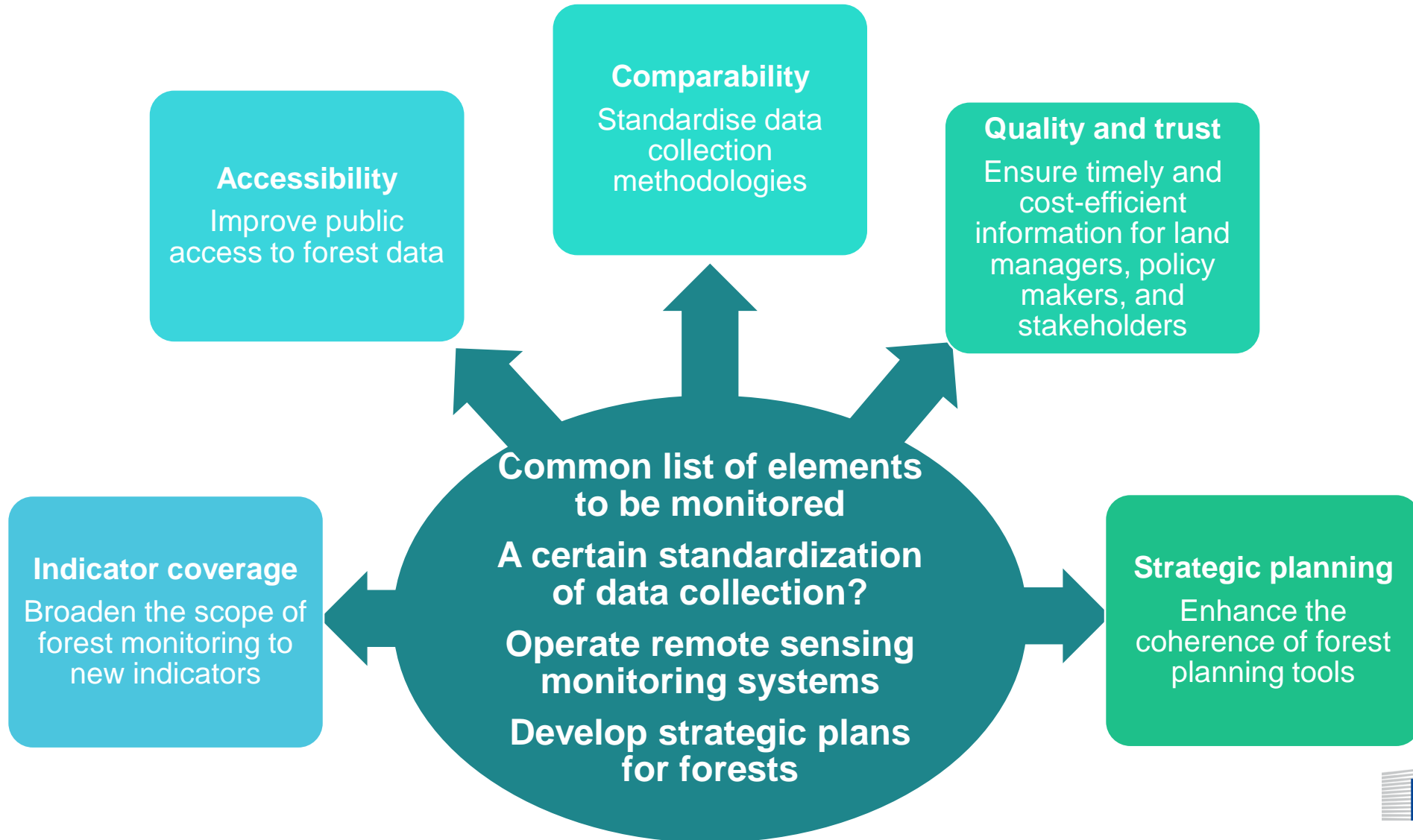
General objective: reliable data on EU forests



Challenges for forest monitoring & planning



EU law: Possible solutions and benefits



Thank you

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