

The European Environment Agency (EEA)

and the

*European environment information
and observation network (Eionet)*

*David Stanners,
Head of Partnership and Networks Programme*

The European Environment Agency (EEA)

Coordinate the

European environment information and observation network (Eionet)

INSTITUTIONAL COOPERATION

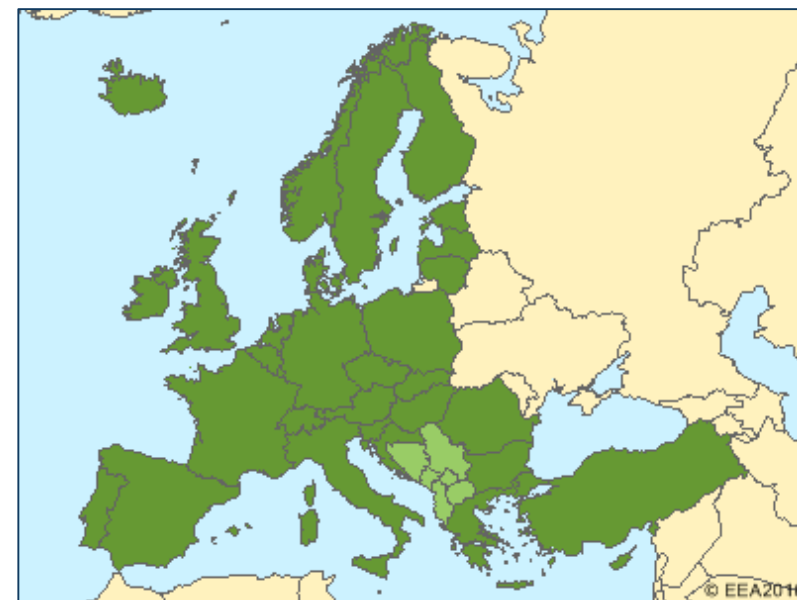
(approx. 350 national bodies)

COMMON KNOWLEDGE

(approx. 1500 experts)

SHARED INFRASTRUCTURE

(Reportnet, reporting obligations, tools)



33 Member countries (EU28+5) +
6 Cooperating countries (West Balkan)



The developing policy framework

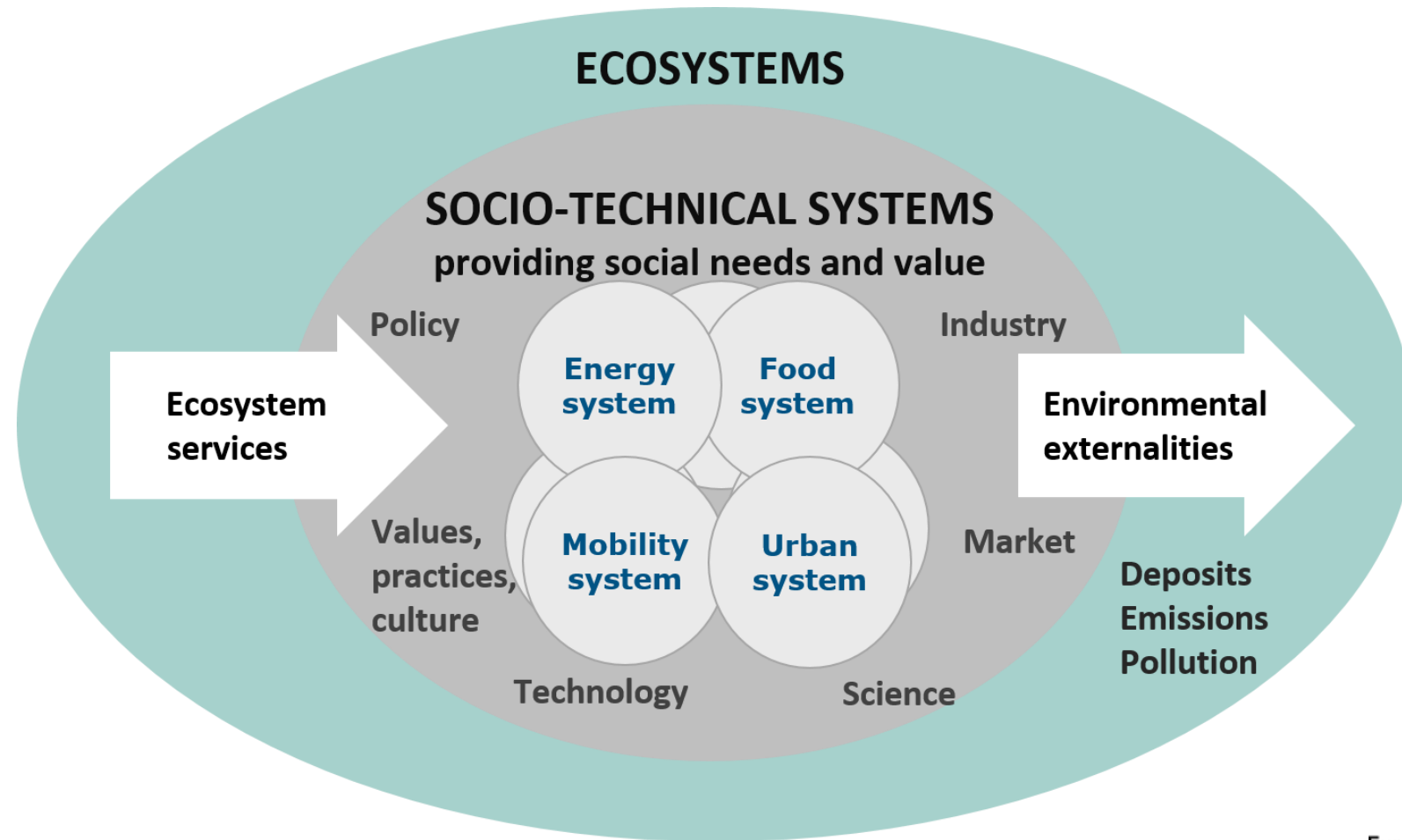


2020 Existing overarching EU policy frameworks, comprehensive policies, specific targets

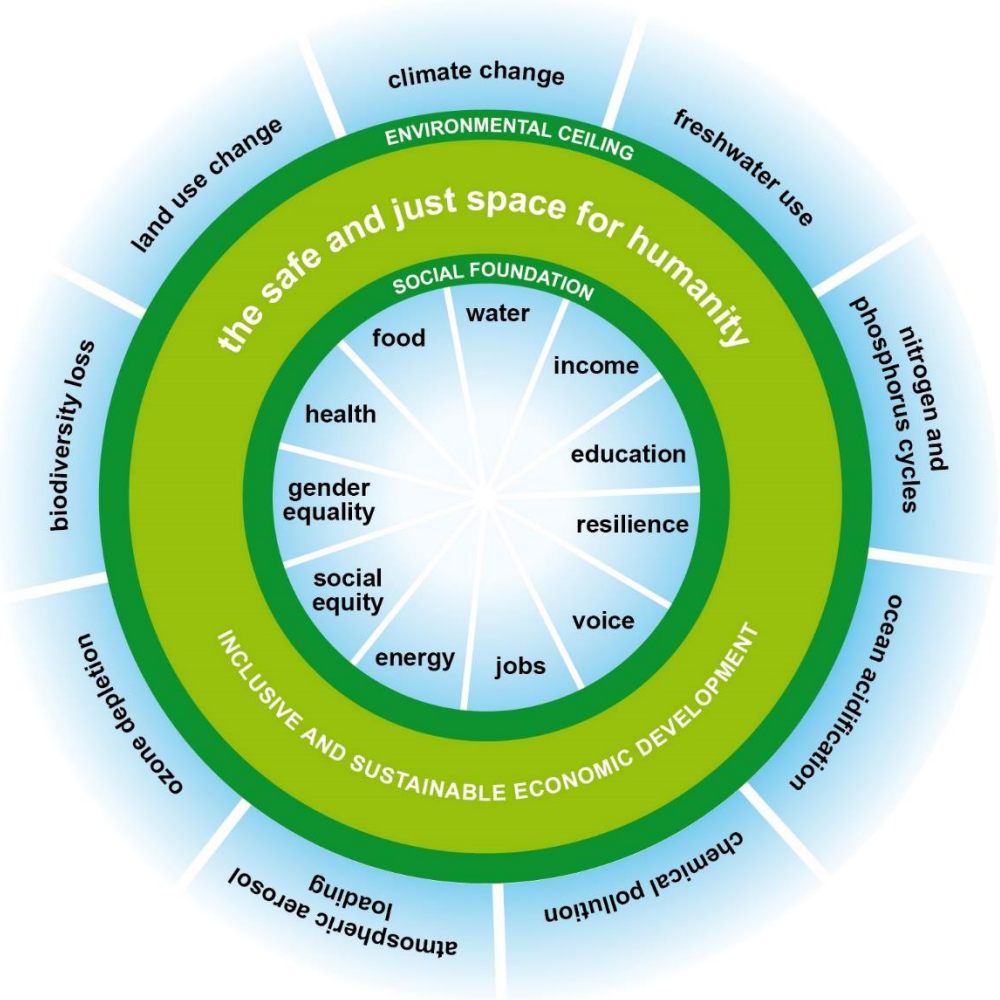
2030 Emerging EU policy frameworks

2050 Long-term visions and targets with a societal transition perspective.

7th EAP - Living well, within the limits of our planet



A safe and just space for humanity





SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD

1 NO POVERTY 	2 ZERO HUNGER 	3 GOOD HEALTH AND WELL-BEING 	4 QUALITY EDUCATION 	5 GENDER EQUALITY 	6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY 	8 DECENT WORK AND ECONOMIC GROWTH 	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 	10 REDUCED INEQUALITIES 	11 SUSTAINABLE CITIES AND COMMUNITIES 	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION 	14 LIFE BELOW WATER 	15 LIFE ON LAND 	16 PEACE, JUSTICE AND STRONG INSTITUTIONS 	17 PARTNERSHIPS FOR THE GOALS 	



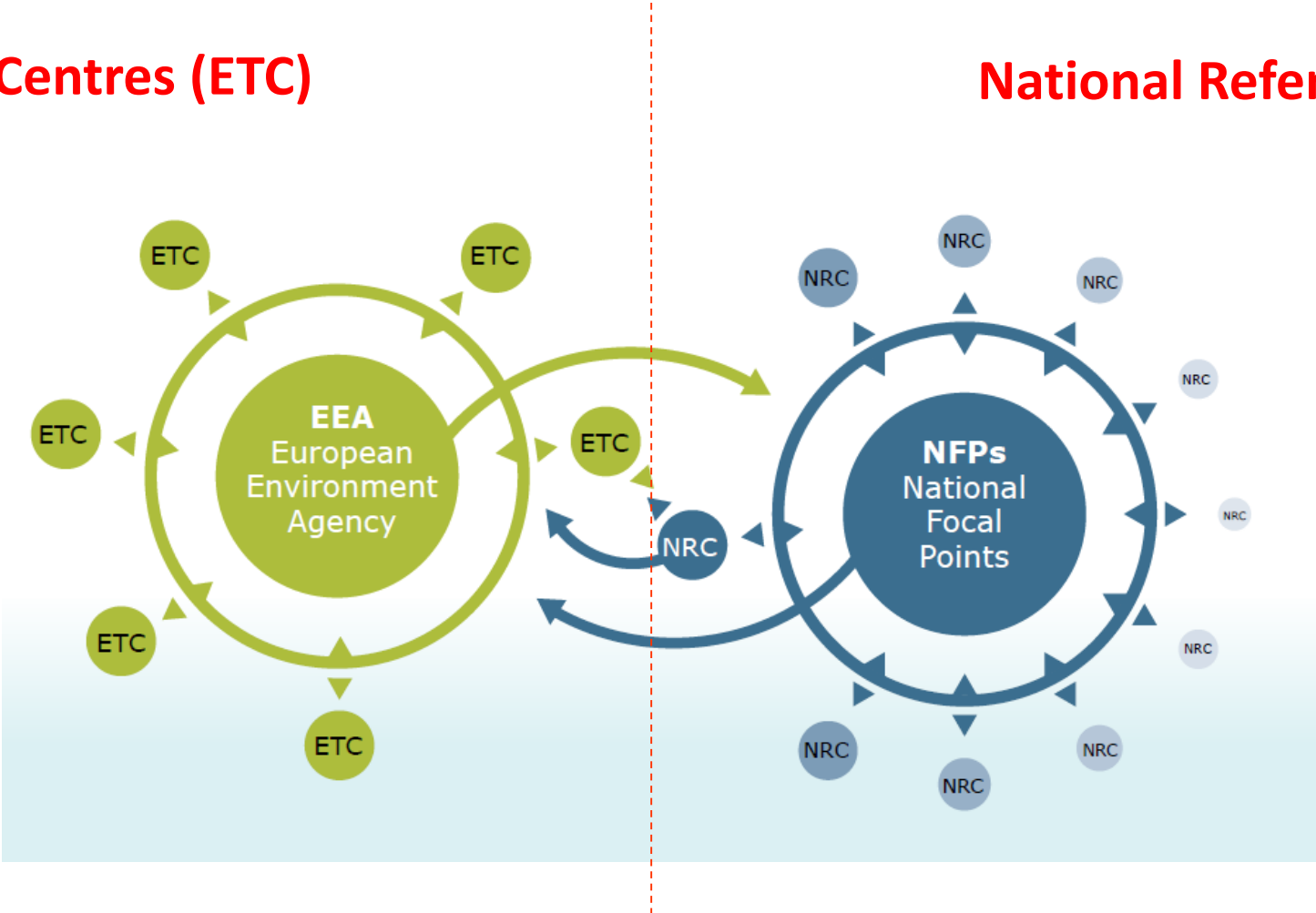
Eionet structure *(European vs. national)*

European Topic Centres (ETC)

6

National Reference Centres (NRC)

24

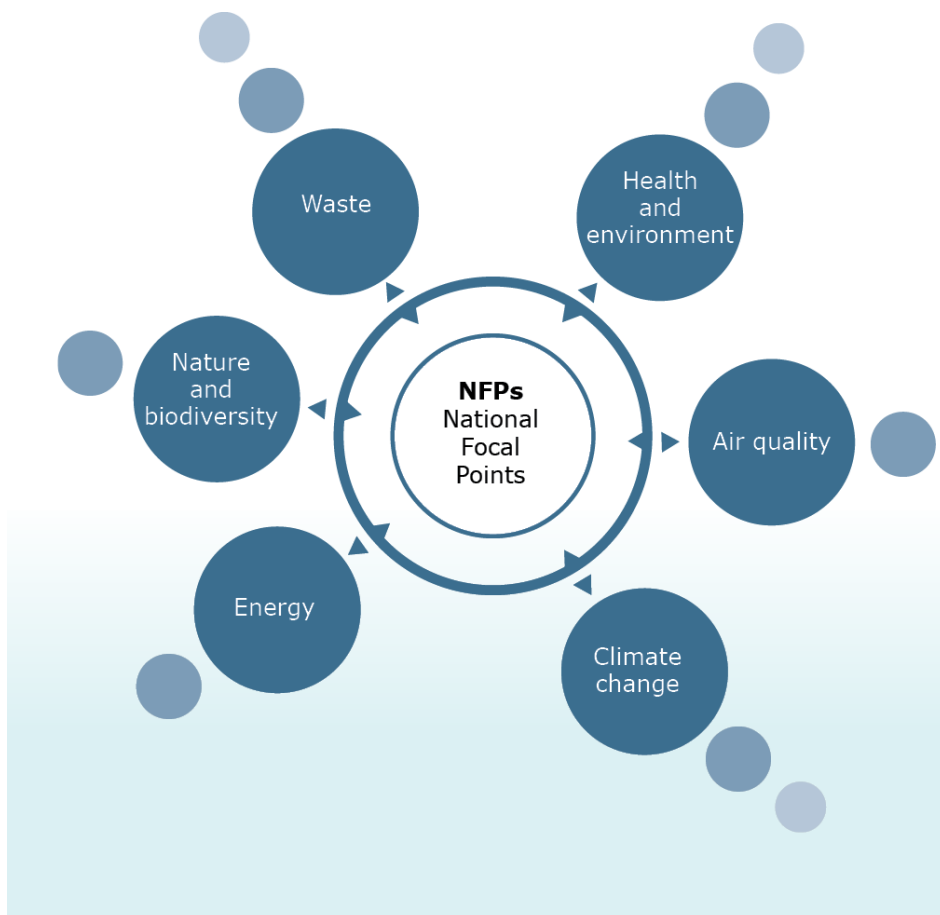


European Topic Centres (ETC)



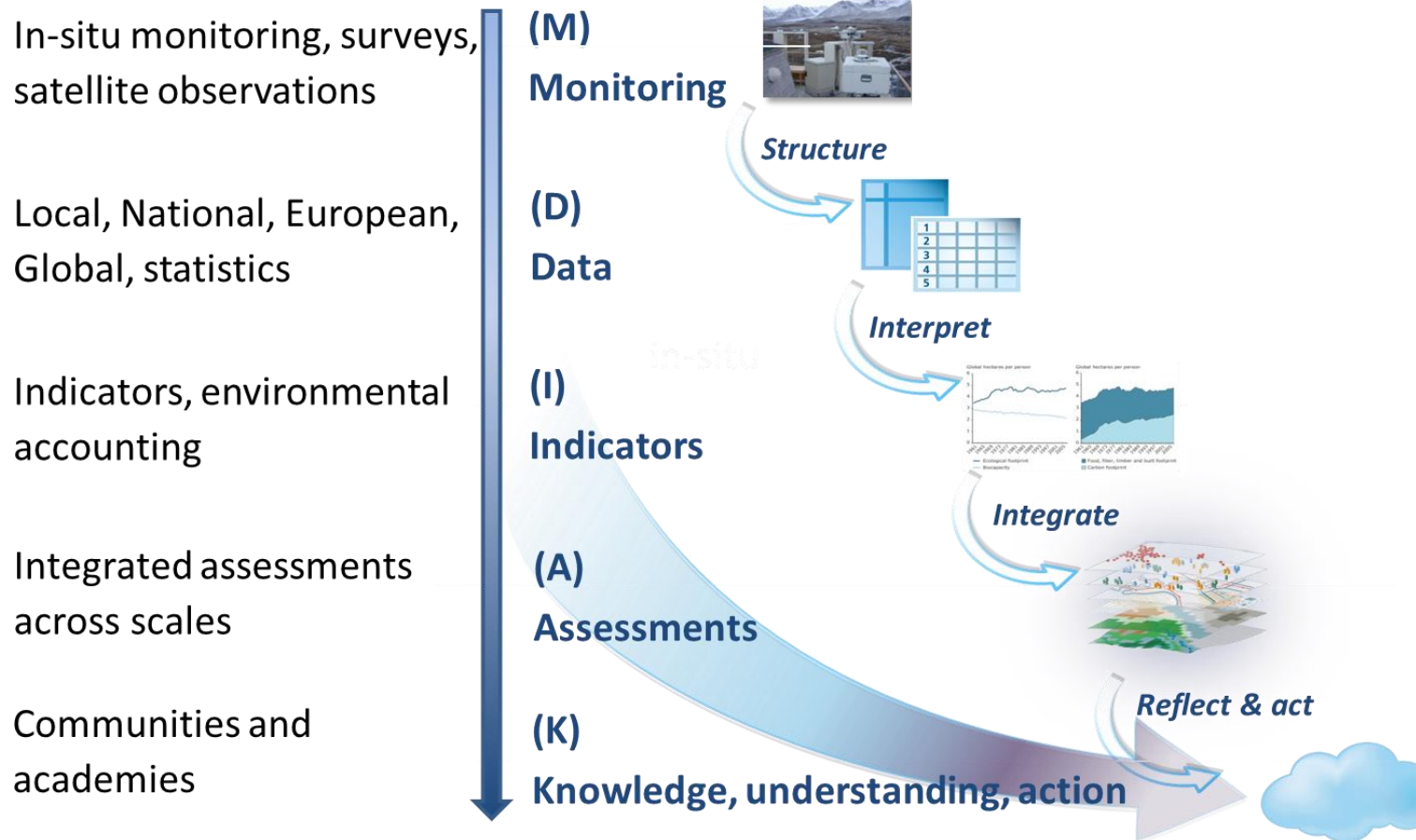
<http://www.eionet.europa.eu/menutopics>

National Reference Centres (NRC)– 24 expert networks

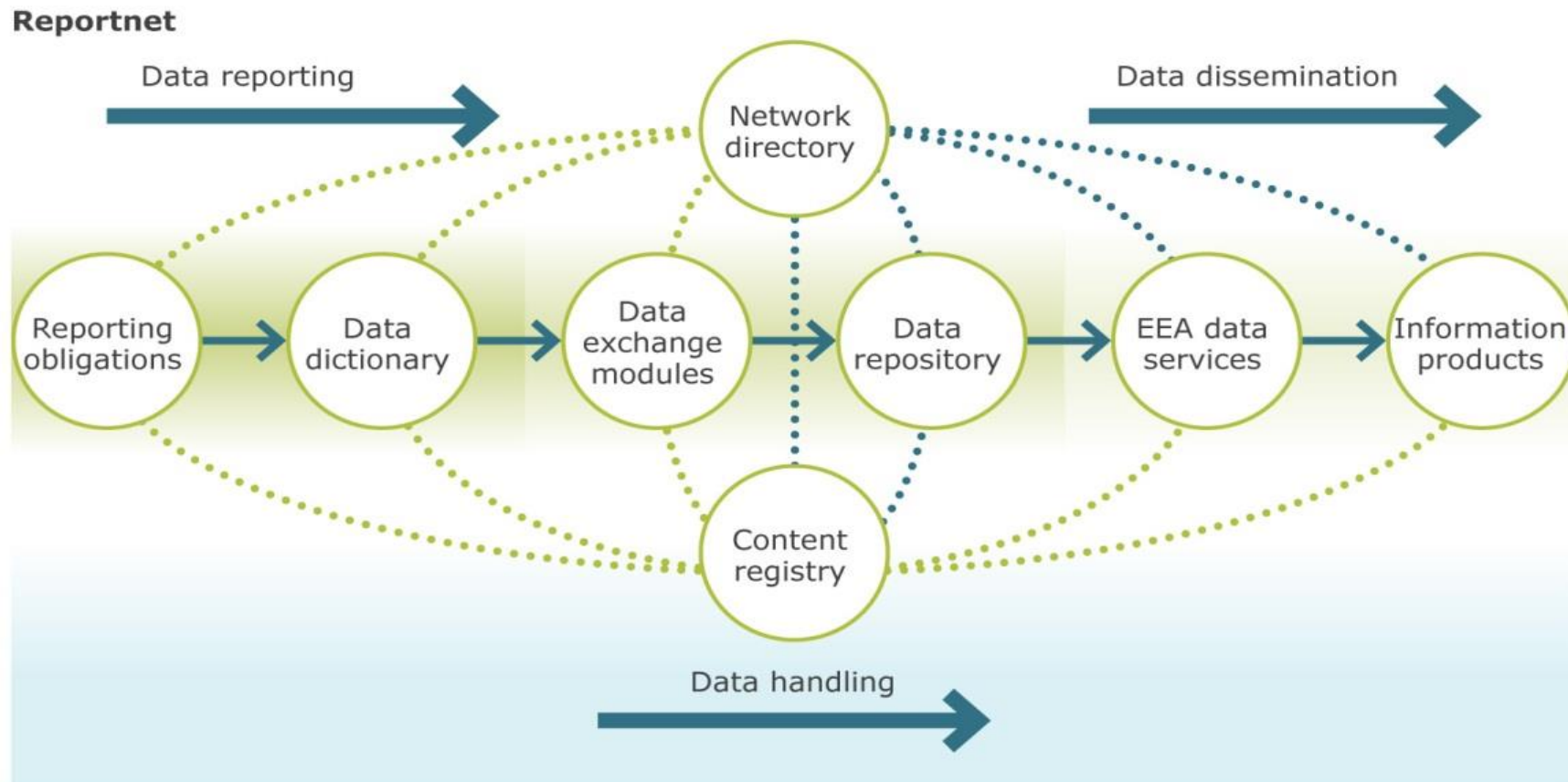


Agriculture
Air Quality
Biodiversity data and information
Biodiversity and ecosystems indicators and assessment
Climate Change Impacts, Vulnerability and Adaptation
Communication
Energy
Environmental Information Systems
Forward looking information and services
Health
Industrial pollution
Land Cover
Land Use and Spatial Planning
Marine, coastal and maritime
Mitigation of air pollution and climate change
Noise
Resource-efficient economy
State of the Environment (SoE)
Soil
Transport
Waste
Water Emissions
Water quality and ecological status
Water quantity

Knowledge management at the EEA



Shared infrastructure ("*Reportnet*")



Review of the Eionet "core data flows" (2016→)

Theme	Instrument	Obligation
Air pollution (emissions)	CLRTAP	Air emission annual data reporting (CLRTAP/EMEP)
Air pollution (air quality)	Air Quality Directive IPR	(E1a) Information on primary validated assessment data - measurements (Art. 10)
Air pollution (air quality)	Air Quality Directive IPR	(E2a) Primary up-to-date assessment data
Noise	Environmental Noise Directive	Strategic noise maps (DF4-8)
Industrial pollution	E-PRTR regulation	E-PRTR data reporting
Climate change mitigation	Greenhouse gas Monitoring Mechanism (MMR)	Greenhouse gas inventories (MMR)
Climate change mitigation	Greenhouse gas Monitoring Mechanism Regulation (MMR)	Approximated greenhouse gas inventories
Climate change mitigation	Greenhouse gas Monitoring Mechanism Regulation (MMR)	GHG projections

Water	Bathing Water Directive - 2006/7/EC	Bathing Water Directive - Identification of Bathing Waters - Article 13.1 and Bathing Water Directive - Monitoring and Classification - Article 13.2 to identify scope of reporting
Water	EEA AWP	WISE SoE water quality, merged dataflow (WISE 4) combining the old WISE SoE Rivers, lakes and Groundwater (EWN 1-3)
Water	EEA AWP	WISE SoE - Water Quantity (WISE 3 - former EWN4)
Water	Urban Waste Water Treatment Directive	Urban Waste Water Treatment Directive - Implementation - Article 15.4
Water	Water Framework Directive	Water Framework Directive – Programmes of measures Article 11 and River Basin Management Plans - Article 13
Marine	EEA AWP	EEA AWP, Marine Data (ME-1) + Biological data in TC waters (WISE-2)
Biodiversity	Birds & Habitats Directives For non-Natura2000 countries: Bern Convention	Information on Natura 2000 sites (SPAs, Birds Directive); (SCIs/SACs, Habitats Directive) For non-Natura2000 countries: Emerald network
Biodiversity	Birds Directive	Progress/implementation report (Article 12, Birds Directive)
Biodiversity	EEA AWP	Nationally designated areas (CDDA-1)
Biodiversity	Habitats Directive	Report on Implementation Measures (Article 17, Habitats Directive)



Examples of European knowledge platforms

WISE
The Water Information System for Europe

WATER

Climate-ADAPT - Sharing adaptation information across Europe
European Climate Adaptation Platform

CLIMATE CHANGE

EIONET
The Air Quality Portal

AIR QUALITY

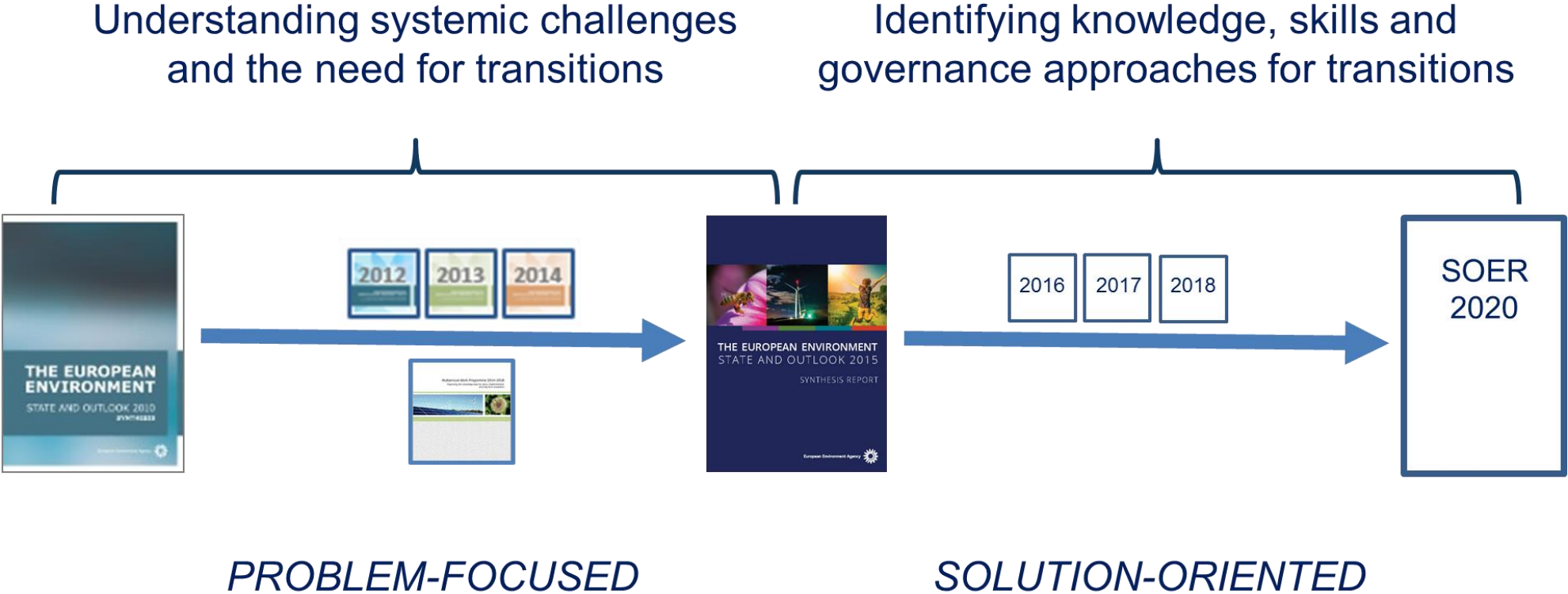
BIODIVERSITY
EU Biodiversity Strategy to 2020

BIODIVERSITY

Copernicus Land Monitoring Service

LAND

State and Outlook of the Environment (SOER)



Thank you for your attention!

***David Stanners,
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