SIDE EVENT

SUSTAINABLMONITORING INFRASTRUCTURE AND CONTINUOUS INNOVATION IN IMPLEMENTING A SHARED ENVIRONMENTAL INFORMATION SYSTEM

The 9th Environment for Europe Ministerial Conference
Nicosia, CYPRUS / October 5-7, 2022

TRANSFORMING PLANET

Sustainable Infrastructure,
Sustainable Tourism &
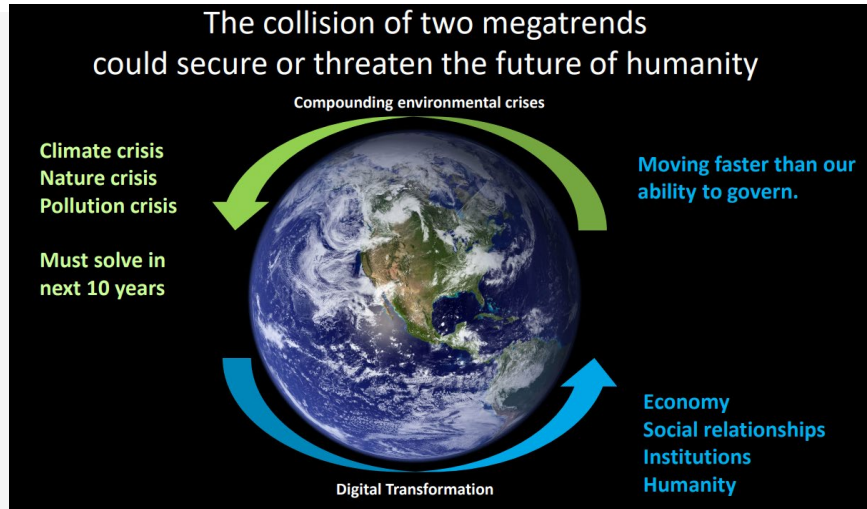Education for Sustainable Development

Digitalization in the area of environmental monitoring in support of an evolving SEIS

Date and time: 5 October 2022, 13:10-14:40 pm
Location: KERYNEIA of Filoxenia Centre
Organizers: Environment Agency Austria (UBA), European Environment Agency (EEA), United Nations Economic Commission for Europe (UNECE), United Nations Environment Programme (UNEP)

SEIS
Shared environmental information system

umweltbundesamt
ENVIRONMENT AGENCY AUSTRIA

UNECE

UN environment programme

European Environment Agency

with financial support by
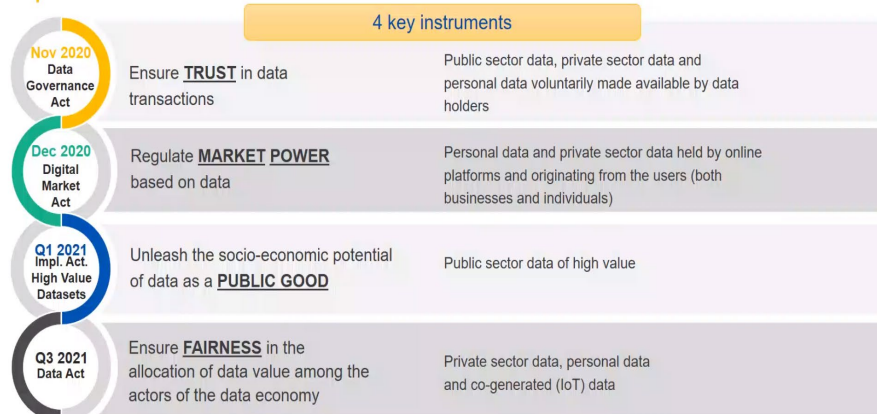
Digitalisation - driver and enabler for sustainability transitions
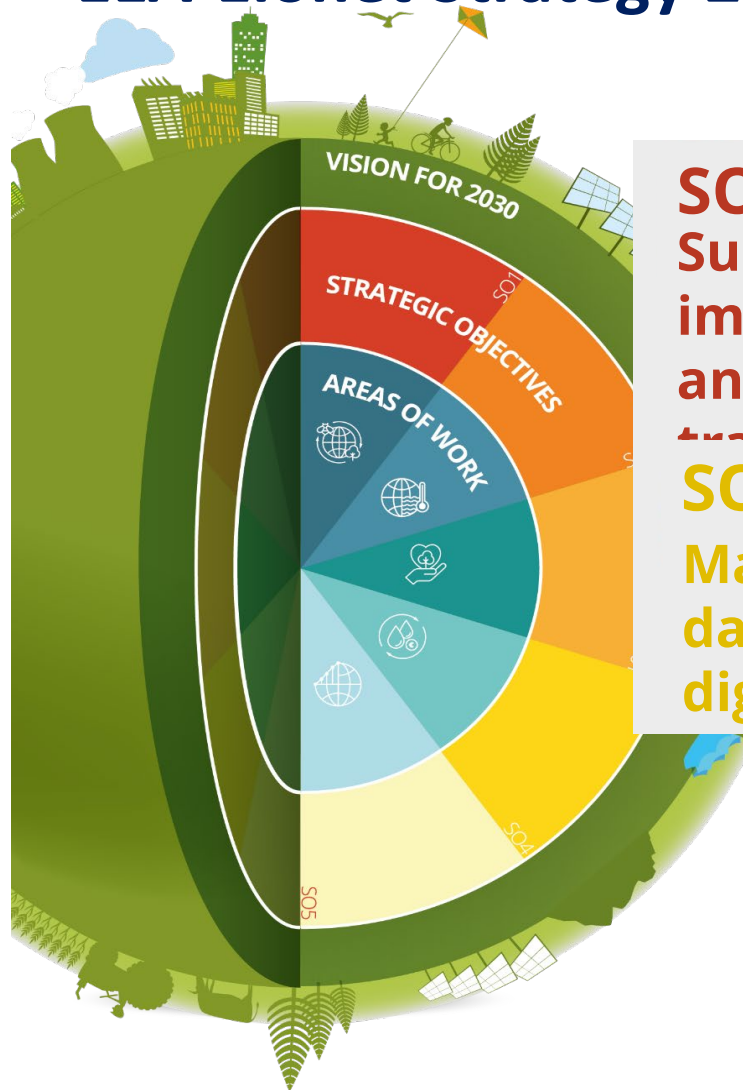
Global trends

Green Deal and twin transitions

Trends and actions that go hand in hand

- Global megatrends and twin transitions
- European Strategy for Data (as enabler)

Images courtesy UNEP / EU Commission

European Environment Agency

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

SO4:

including big data, artificial intelligence and earth Observation

Modernising data and information systems

Promoting data and information exchange

European Environment Agency

3

The European Green Deal and EU data strategy
provide the new policy drivers

Digitalisation
is the key enabler to help "unlock value from data" by:

Systemic and cross-sector business cases need more types of data
> supporting new policy ambitions
Methods and technologies are out there to support data integration
> embracing the data revolution
We need to keep pushing interoperability through standards in support
> pushing data access and enabling better analysis for more knowledge

Data spaces
are the future way of sharing within and amongst data ecosystems

Sustained and deepened institutional cooperation
is a condition to make this happen

A common European data space for the GREEN DEAL

European Environment Agency