# Perspectives and Challenges on moving forward in resource policy in Europe

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#### SOER 2010 in summary

A comprehensive body of assessments of the European environment, offering coherence across themes and across scales, illustrating the complex systemic links between issues, including the impacts of global megatrends.



#### What is SOER 2010?

#### Thematic assessments

Understanding climate change

Mitigating climate change

Adapting to climate change

**Biodiversity** 

Land use

Soil

Marine and coastal environment

Consumption and environment

Material resources and waste

Water resources: quantity & flows

Freshwater quality

Air pollution

Urban environment

#### SOER 2010 Synthesis

## Assessment of global megatrends

Social megatrends

Technological megatrends

Economic megatrends

Environmental megatrends

Political megatrends

#### **Country assessments**

Country profiles

National and regional stories

#### Common environmental themes

Climate change mitigation

Land use

Nature protection and biodiversity

Waste

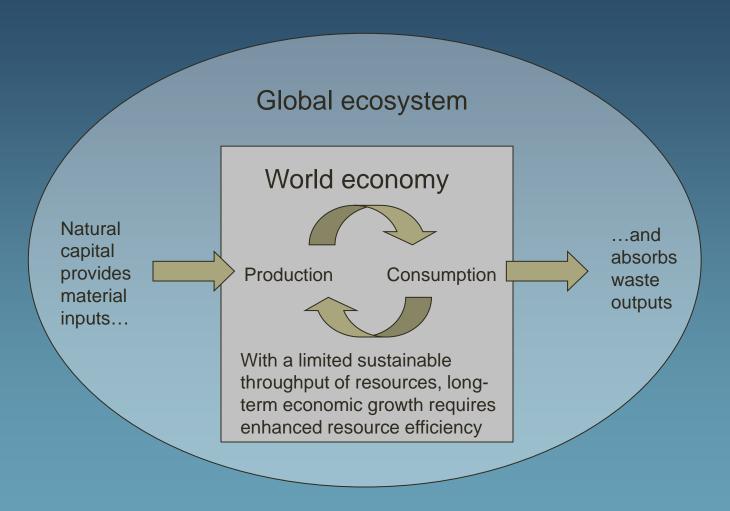
**Freshwater** 

#### Air pollution

Each EEA member country (32) and EEA cooperating country (6) assessed all six environmental themes above.

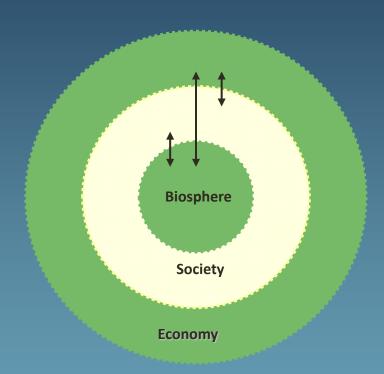


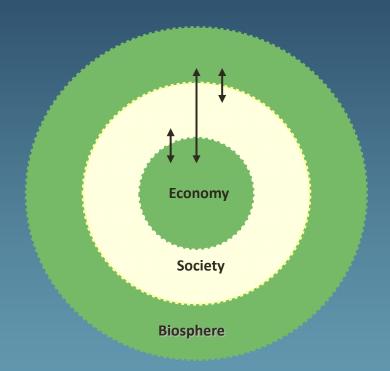
# SOER 2010 Synthesis: the basis for a coherent narrative to guide responses across sectors



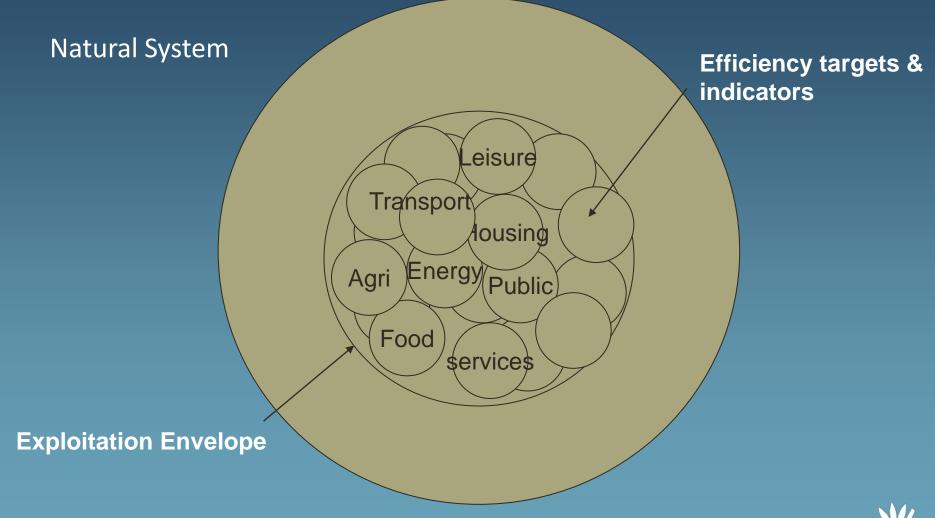
#### **TODAY'S MODEL**

#### **TODAY'S REALITY**





#### LIMITS OF SUSTAINABILITY



#### The green economy – using our natural capital

An economy in which policies and innovations enable society to generate more of value each year while preserving the natural systems that sustain us

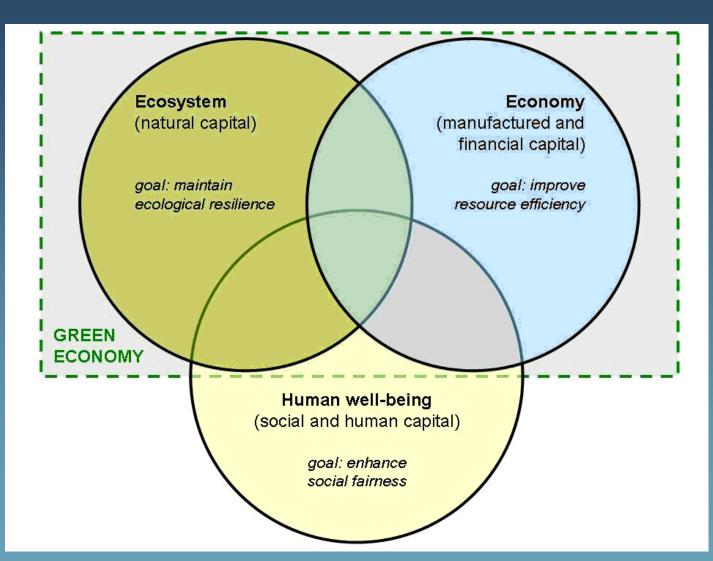


### Transition to a green economy

**TEEB** 

UNSD ESTAT & EEA

**UNEP** 

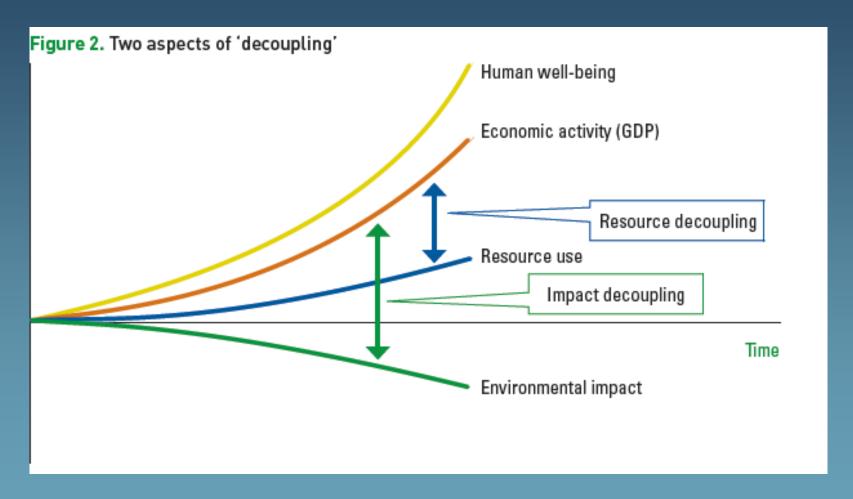


**OECD** 

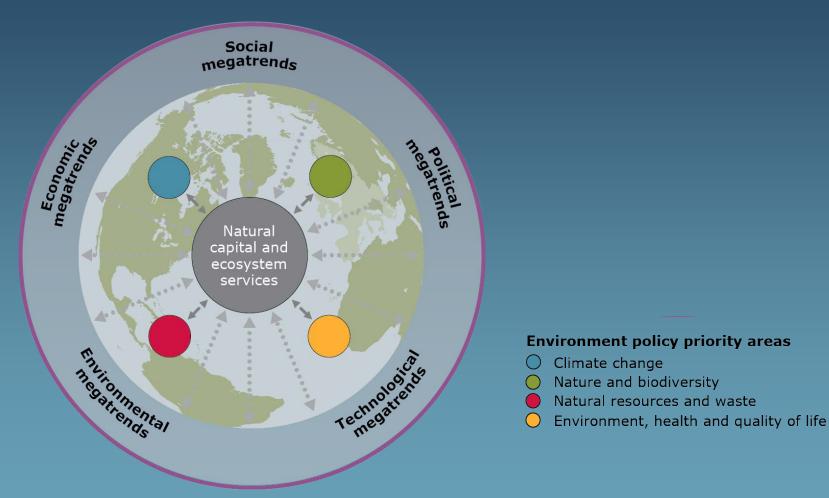
EU EC& EEA



#### UNEP International Resource Panel: Decoupling Report



# Global megatrends bring risks, uncertainties and vulnerabilities – many outside Europe's control



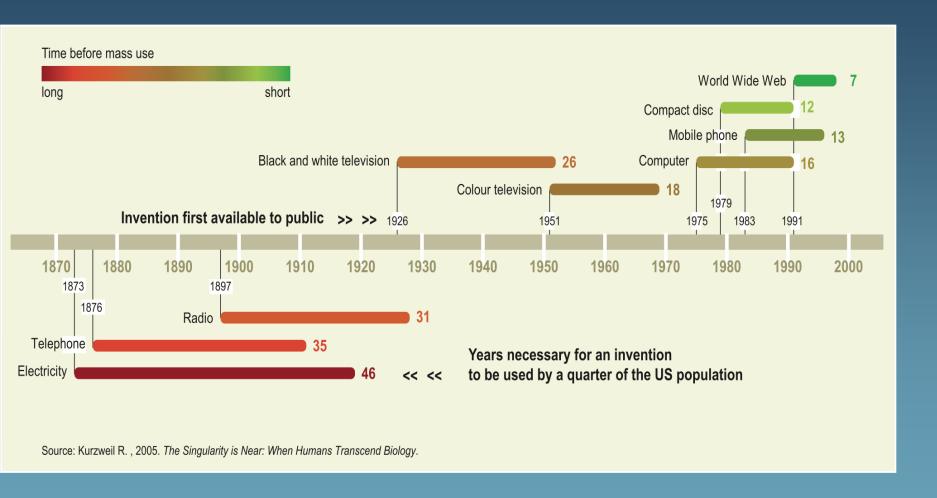
# Global footprint for Europe is 16 -17t/ person, but 40-50 if unused extraction and ecological rucksacks of imports are included



# Signals 2011: Globalisation, environment and you



# Decreasing time lapse before mass use of technological inventions



## Innovation for a social purpose - with a 'soul'



## Information and knowledge play a key role in steering and incentivising innovation



A European strategy for smart, sustainable and inclusive growth

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## **EEA Country Profiles**

COUNTRY PROFILE:



31 countries provided information (including 25 of the EU-27)

#### A problem of definitions and policy coherence

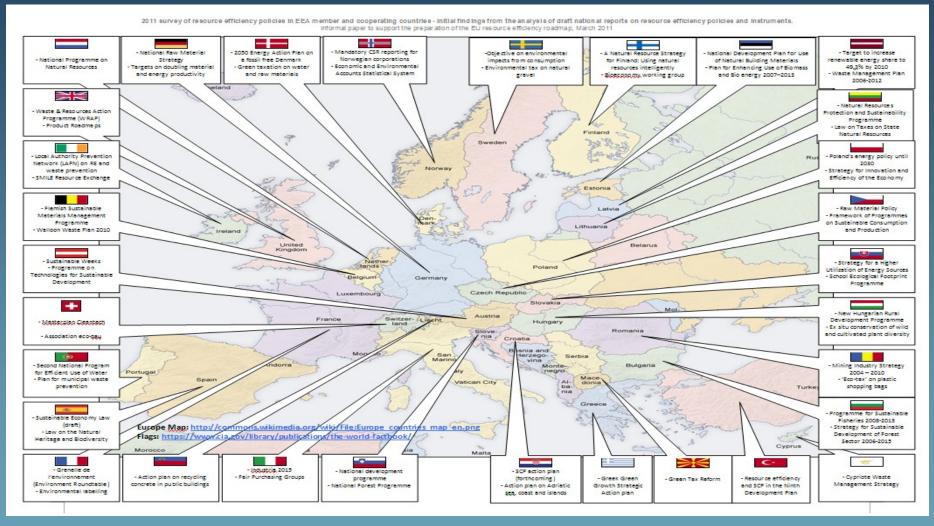
No clear definition or a generally accepted understanding of the terms "resources" and "resource efficiency"

Only a few countries formally define the term 'resources' in their policies (eg.Hungary, Spain)

Some others use a more narrow term 'raw materials' when looking at resource efficiency.

Currently many interpretations of how the new Europe 2020 policy resource efficiency priority is related to sustainable consumption and production, sustainable use and management of resources, green economy, decoupling, etc.

### More Information: www.eea.europa.eu/resource-efficiency



**European Sustainable Development Network** 

## Thank you!

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