



EEA 2012 State of Water assessment

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Synthesis

EEA 2012 State of water assessment

1

Principles following EEA work on green economy, ecosystem assessments and capital accounts

2

Structure of synthesis supporting BP impact assessment and BP development

3

Common communication strategy

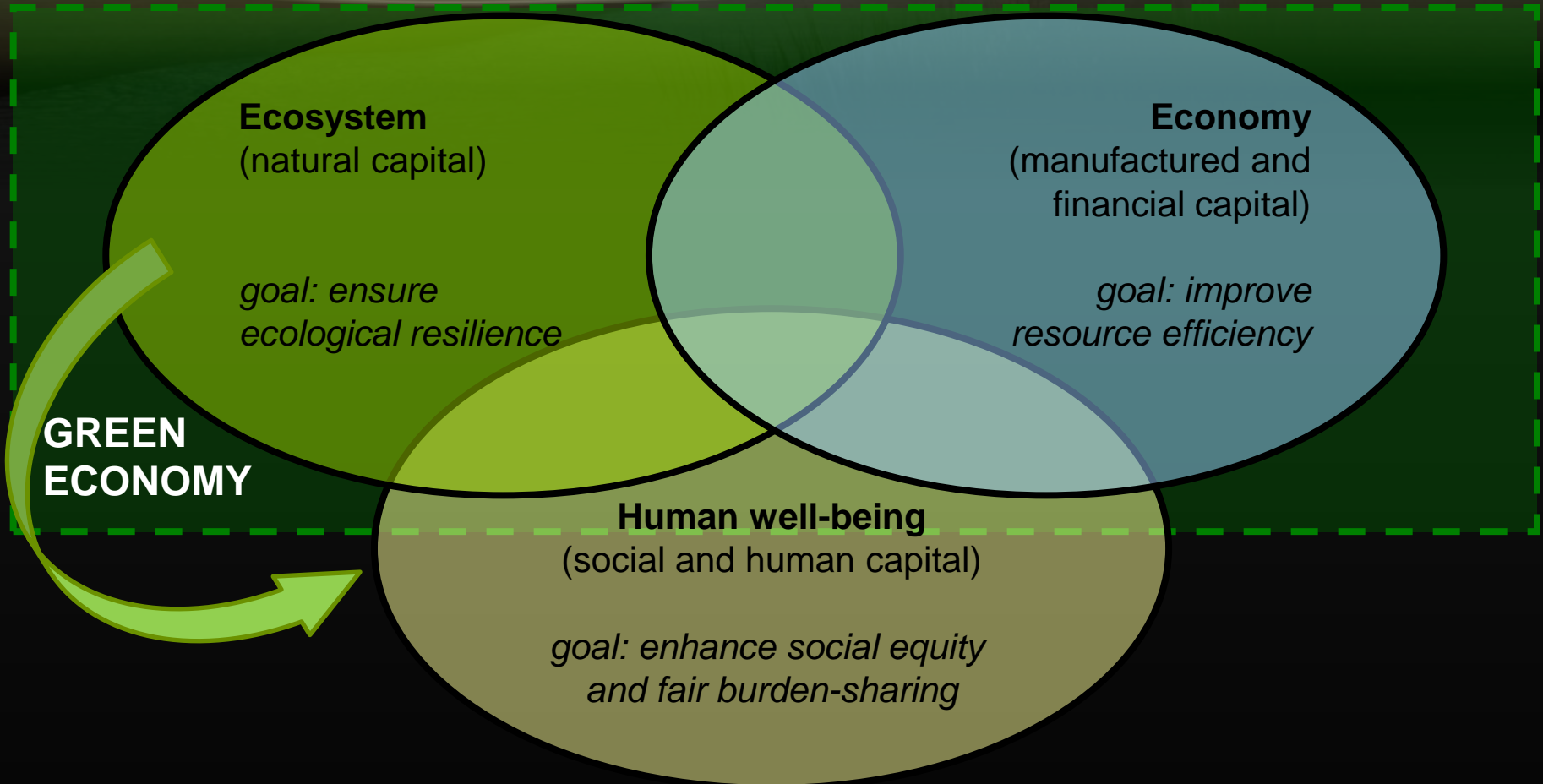


An economy in which policies and innovations enable society to generate more of value each year while preserving the natural systems that sustain us

A narrative to meet the needs of a resource efficient, low carbon society, sustain human and economic development and maintain the essential functions of our water ecosystems.

→ integrated approach to water management

The green economy includes a focus on ecosystem resilience and human well-being





2012 - synthesis/integrated assessment structure

- Summary on thematic assessments
- Outward looking/vision
- How are measures integrated across policies and in economic perspective?
- Related to the main policy issues and responses
- Addressing 7 areas of blue print



Key areas of the BP impact

- 6 key areas identified to analyse for possible policy options
 - Land Use
 - Economic Incentives
 - Water use targets
 - Governance
 - Knowledge Base
 - Innovation



**6 policy areas of the
Blue Print -
Impact assessment**

Hydromorphology

Land Use

Economic
Incentives

Vulnerability

Water use
targets

Ecological status

Governance

Resource efficiency

Knowledge
Base

Innovation



1. Land use

- Analysis status/pressure assessments against land use
- Role of agriculture and land use planning
- Urban development
- Coherence of RBMPs with other spatial planning tools and territorial management
- Input from report on territorial cohesion



2. Economic incentives

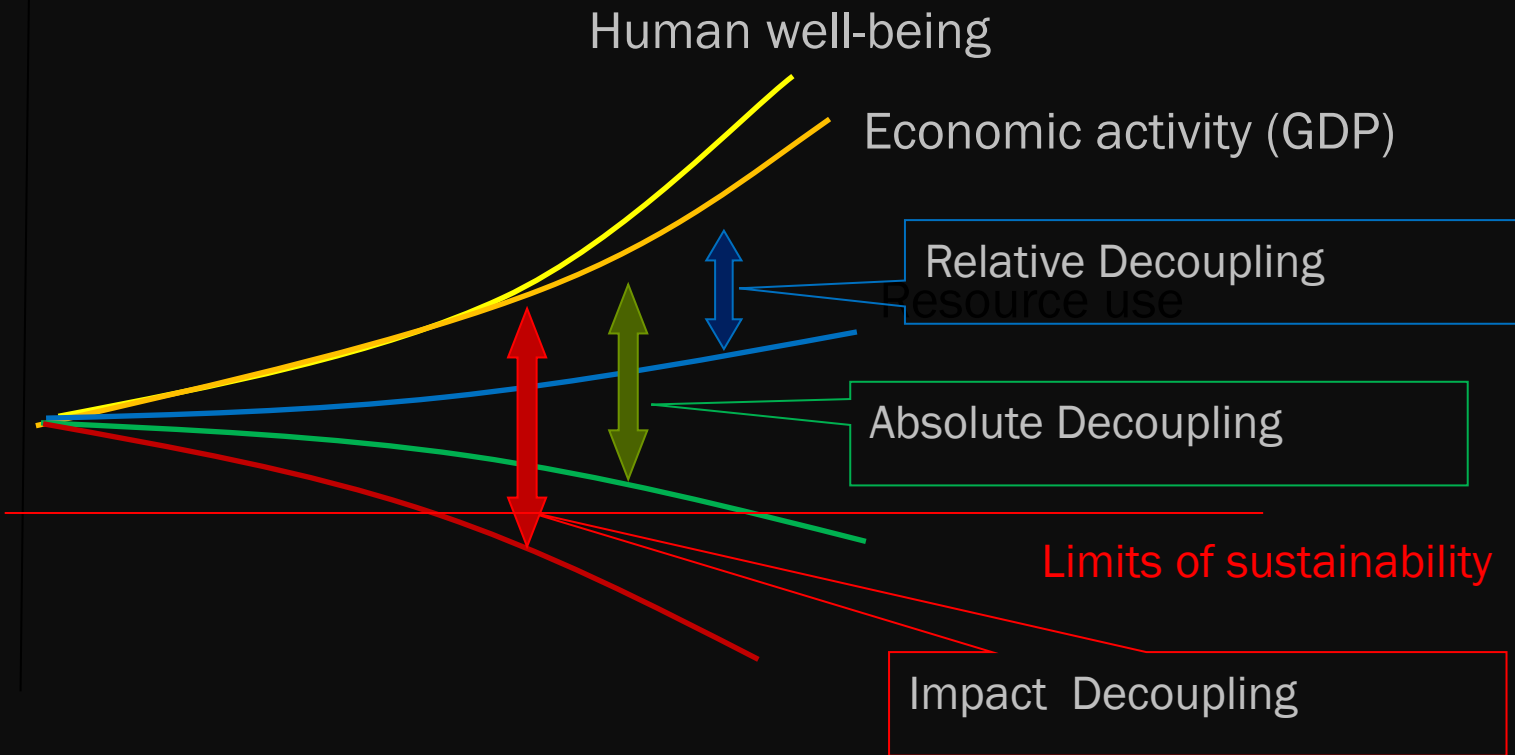
- Input from resource efficiency TA
- Interlinkages water, energy and land use efficiencies
→ nexus and economy
- Input from EEA
green economy work
- Praxis examples on certification, stewardship
- Costs of ecosystem services depreciation



3. Water efficiency targets

- Input from Natural capital accounts
- Decoupling
- Input from concept of ecosystem services and their prioritisation
- Understanding water resources integrated into energy and land use efficiency → nexus
- Ecosystem targets rather than water quantity targets

Decoupling report of UN Resource Panel

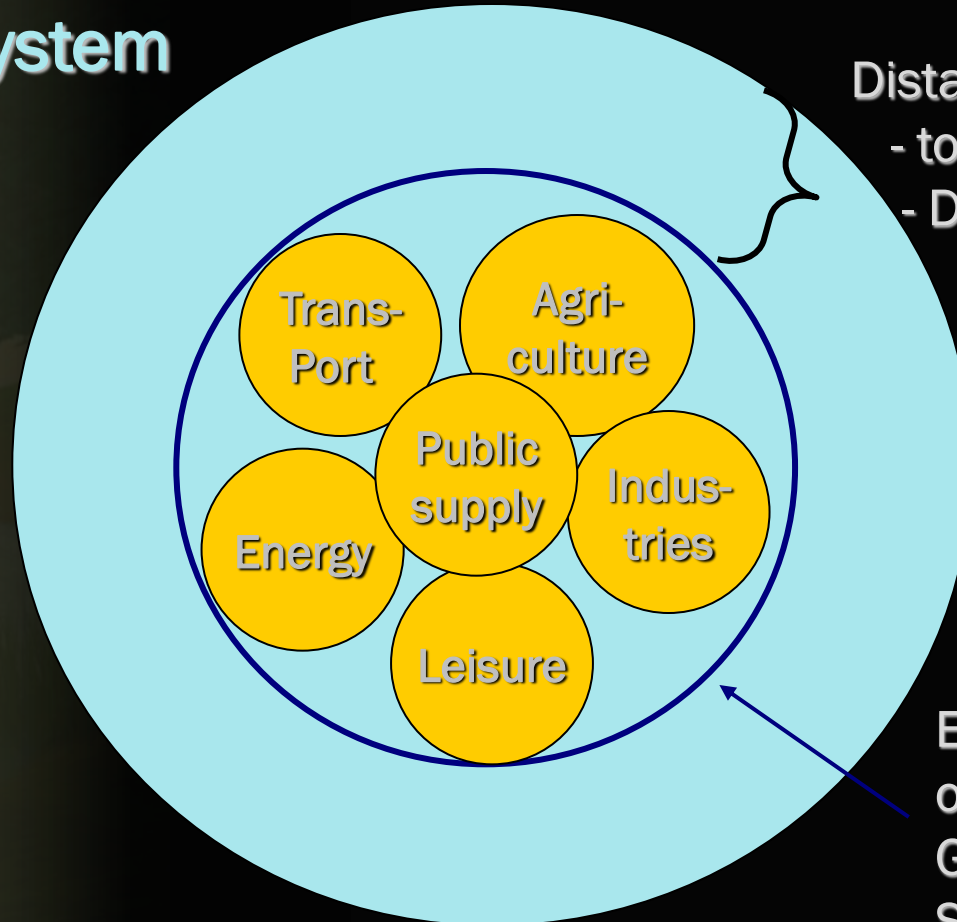


Ecosystem Services

Theme	Class	Group
Provisioning	Nutrition	Terrestrial plant and animal foodstuffs
		Freshwater plant and animal foodstuffs
		Marine plant and animal foodstuffs
	Materials	Potable water
		Biomaterials
		Abiotic materials
	Energy	Renewable biofuels
		Renewable abiotic energy sources
Regulation and Maintenance	Regulation of wastes	Biodegradation
		Dilution and sequestration
	Flow regulation	Air flow regulation
		Water flow regulation
		Mass flow regulation
	Regulation of physical environment	Atmospheric regulation
		Water quality regulation
		Pedogenesis and soil quality regulation
	Regulation of biotic environment	Lifecycle maintenance & habitat protection
		Pest and disease control
Genetic protection		
Cultural	Symbolic	Aesthetic, Heritage
		Religious and spiritual
	Intellectual and Experiential	Recreation and community activities
	Information & knowledge	

human and ecological economy limits of sustainability

Natural
system



Distance to Target
- to fit availability
- Depreciation of
natural capital

Ecological limit
of sustainability
Good Ecological
Status (WFD)
environmental flow



4. Governance and 5. Knowledge Base

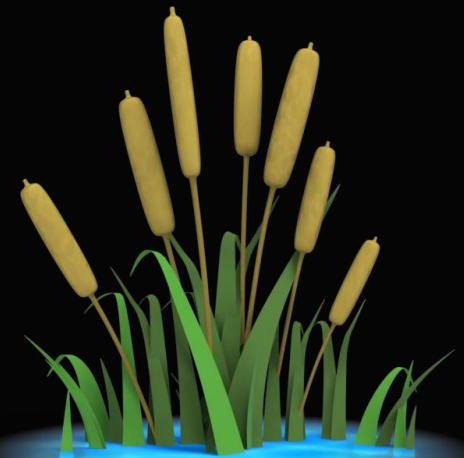
- Knowledge Base on status and pressure analysis - WISE maps
- Analysis of distribution over RBDs and Regions
- Good praxis examples of good status trends and implementation of basic measures (earlier achievements)
- Conclusions for further WISE needs



6. Innovation

- Good praxis examples on technical innovation or new ways of stakeholder dialogue and communication
 - Resource efficiency (e.g. irrigation, buildings, rainwater harvesting....)
 - Water energy links (e.g. CO₂ neutral UWWTP)
 - Urban planning and water savings
 - Renewal of infrastructure
 - Better communication in RBM-Planning

COMMON COMMUNICATION STRUCTURE



Communication on thematic assessments

2012 thematic assessments

Coordination with WFD/Blueprint assessment beyond WFD
→ accounting, targets

EEA work integration on: Nexus;
ecosystem assessments, accounting
Eye on Earth

Communication strategy, upgrade WISE,
visibility at events throughout 2012
towards Blueprint publication
Advertisement pack for
future PP

Possible communication structure

