# Resource efficiency policies, strategies Hungary

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# What the Overarching Goal Should Be?

The big challenge: sustainability How to integrate the 3 dimensions?

Social dimension well-being

**Economy** competitiveness

Quality of life
Healthy environment
Equality, solidarity, mutual and
shared responsibility
Culture, awareness

#### **Environment**

Natural resources ecosystem services

Energy
Agriculture
Transport / multimodality
Eco-efficient innovation

Horizontal approach
Special, multidisciplinary issue
Including:

- Sustainable use of natural resources; ReS
  - Protection of natural heritage
    - Environmental safety

Managing transboundary issues enhancing cooperation

## Q1: Definition of resources

Human/social (health, values, knowledge, creativity, trust, cooperation, motivation, working culture, institutional structure)

## **Natural**

- "Non-renewable" (minerals, fossil energy resources)
- Conditionally renewable" (soil, water, biodiversity, ecological networks, ecosystem services, biomass)
- Renewable" (sun, wind, geothermal energy)

Economic (capital)

## Q2: ReS: Aspects and phases

- Recognition of resources
- Sustainable stock management (knowledge base)
- Exploitation
- Processing
- Reaching consumers/ commerce
- Environmentally conscious use
- Reuse

# Q3: Stocks – Loading capacity

(quantity, quality, "system")

- > Preservation
- Safeguard
- Renewal (rehabilitation, regeneration...)
- Controlled utilization (limits)
- > Substitution
- Mutual adequacy; hindering reburden

# National Environmental Programme (NEP)

- Provides the strategic framework of Hungarian environmental policy
- Based on the Act No. 53 of 1995 on General Rules of Environmental Protection
- Evaluated and renewed every 1 / 2 / 6 years
- Adopted by the Parliament

### Scope:

- Determines environment related targets, tasks and monitoring
- Outlines environmental goals and aspects to be integrated into other policies (e.g. regional policy, sectoral policies, environmental performance of regional and local municipalities)

# **Environmental Policy and Strategy**

## 1st Programme (1997-2002)

- "Diagnosis and stocktaking"
- Environmental element/system oriented

## 2nd Programme (2003-2008)

- Prepare for the EU-accession national implementation of 6th EAP
- Thematic action programmes complex issues

## 3rd Programme (2009-2014)

- Long-term target: environmental conditions for SD
- Strengthening subsidiarity and decentralization
- > Efforts to "green" public policies (e.g. green taxation)
- Share of tasks and responsibilities (government, municipality, economic sector, citizens, etc.)

## NEP-3

#### SOER - DPSIR

#### **Horizontal issues + 9 thematic action programmes:**

Environmental education, awareness raising, SCP; climate change; health and environment; environmental quality of settlements; biodiversity; sustainable land use; protection and sustainable use of waters; waste management; environmental security

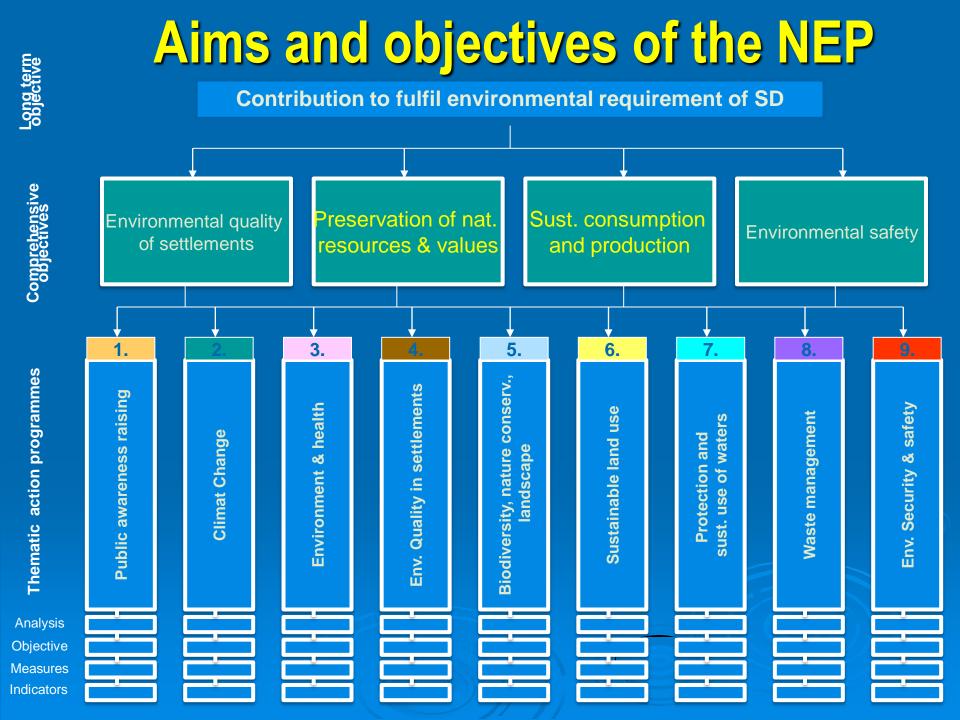
#### Instruments:

 Strategic planning; EU and international cooperation; legal and economical instruments; authorities; R&D&I, communication; development policy

#### **Financial framework:**

State budget, stakeholders, EU and international funds -Cohesion and Structural Funds

#### **Indicators**



#### The place and role of National Environmental Programme in Hungarian planning

National Sustainable Development Strategy

**ENVIRONMENT POLICY** (and related sectoral policies) Convergence Programme Third National Environmental Programme (NEP3) Hungarian Information **Thematic MoEW** Other sectoral **Action Programmes** Green Kindergarten, Eco-schools, National Tourism Development Dtrategy Forest Kindergarten and School Programmeme 1. Environmental awareness Hungarian Energy Policy **Hungarian Transport Policy** National Climate Change Strategy and Programmes 2. Climate change National Energy Efficiency Action Plan CONOMIC AND INNOVAT **Transport Development Strategy** Air quality Strategy National Action Programme Clean Air Protection Programme Renewable Resources Strategy Development for growth and jobs 3. Environment and health National Drinking Water Quality Improvement Programmeme National Environment Health AP National Settlement Wastewater Canalling Hungary's National Social issues and Treatment Implementation Programme Food Safety Programme Individual Wastewater Treatment 4. Settlement environment quality **Biological Diversity Preservation** Implementation programme National Strategy and Action Plan based on a strategic noise map National Nature Conservation Base Plan (part of NEP3) 5. A biological diversity, Nature Conservation and Hunting Concept nature and landscape conservation ~ Eco-tourism Concept ~ Forestry Concept National Park Directorates Development Plans Programme (NPP) National ublic Health and innovation policy Strategy Mid-term science, technology Nitrate Action Programme 6. Sustainable land use National Forest Programme Strategic Paper on the implementation of the WFD in Hunga Public Drinking water base protection Programme 7. Protection and National Environmental Remediation Programme sustainable use of our waters **National Drought Strategy** National Waste Management Plan 8. Waste management Settlement Solid Waste Management Development Strategy Mountain and Hill Reservoirs Vásárhelyi Constructionand Reconstruction 9. Environmental safety National Catastrophe Protection Strategy Plan DevelopmentProgramme **Programme** New Hungary Rural Development Strategy Plan and Programme New Hungary Development Plan (and OPs) **DEVELOPMENT POLICY** National Development Policy Concept European Territorial Cooperation **TERRITORIAL POLICY** 

**National Settlement Plannning Plan** 

European Policy Strategy

FOREIGN and SECURITY POLICY

National Security Strategy

**National Regional Development Concept** 

## Recent issues

- Pannon Seed Bank project (started in 2010): long-term seed preservation of the wild vascular flora of the Pannon biogeographical region
  - expanding the current functions of the world's 13th largest agricultural gene bank (Research Centre for Agrobotany of the Central Agricultural Office).
  - establishment of a **joint seed bank for the agricultural and wild flora** (unique and demonstrative example worldwide in line with the objectives of the Convention on Biological Diversity)
- Money back through the window (MBW) project (coordinated by KÖVET Association for Sustainable Economies
  - started:2002 / collection of case-studies from companies to prove that money spent on environmental protection is not "money thrown out the window", rather a good investment that pays back in a short period, and gives economical advantages. First 8 years: 370 measures from 78 organizations with a total saving of more than 80 million euro (22,1 billion HUF)
- National Industrial Symbiosis Programme implemented by Public Foundation for the Progress of Industry in Hungary; to demonstrate industrial symbiosis as an innovative tool for fostering prudent management of natural resources; transboundary extension of activities