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Community research

Enhancing connectivity between research and policymaking in SD

Towards more brokerage processes

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DG Research I-2

"Sustainable Development"

<http://ec.europa.eu/research/sd/>





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Enhancing connectivity between research and policy-making in SD

- Introduction and Background
- Logic behind
- Overview of 2008 selected projects
- Outcome ?



SEVENTH FRAMEWORK
PROGRAMME



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Starting point : FP7 for sustainable development: two ways

- Content of the topics : Work Programmes review
- Improving science/policy interface





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BACKGROUND of the topic

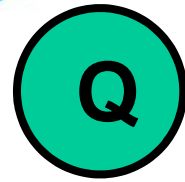
- EU SDS: key objectives
 - to bridge the gap between science, policy-making and implementation
 - to promote inter and transdisciplinary approaches involving social and natural science
- June 2007 meeting with MS
- In a pilot way, topic "Enhancing connectivity between research and policymaking in sustainable development" introduced in WP2008



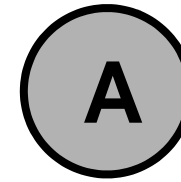
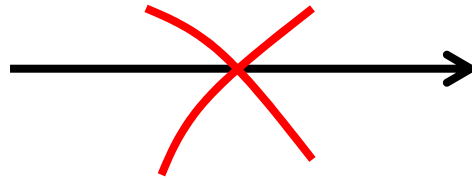


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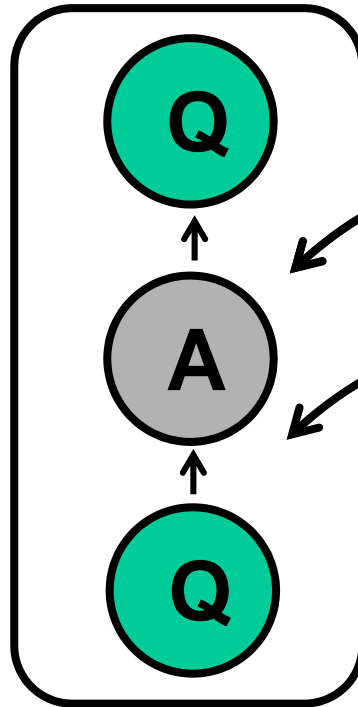
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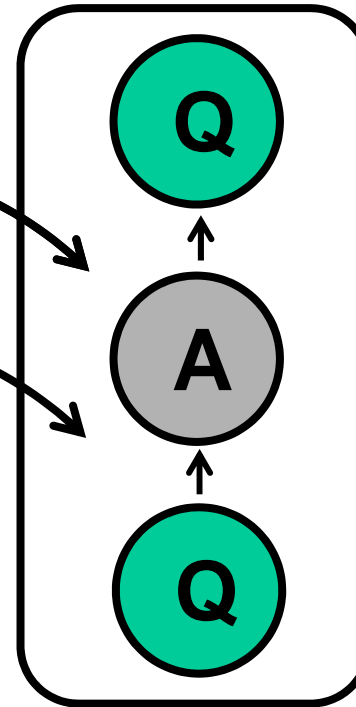
Policy



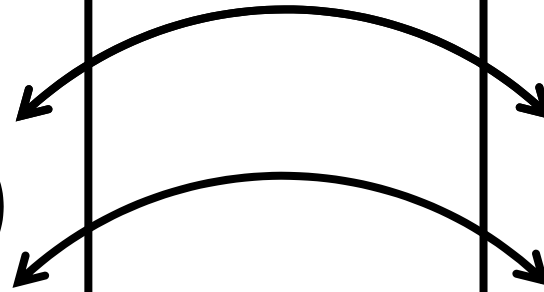
Science



Policy



Science





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Topic in WP 2008-Theme 6 (Environment → Interplay between social, economic and ecological systems)

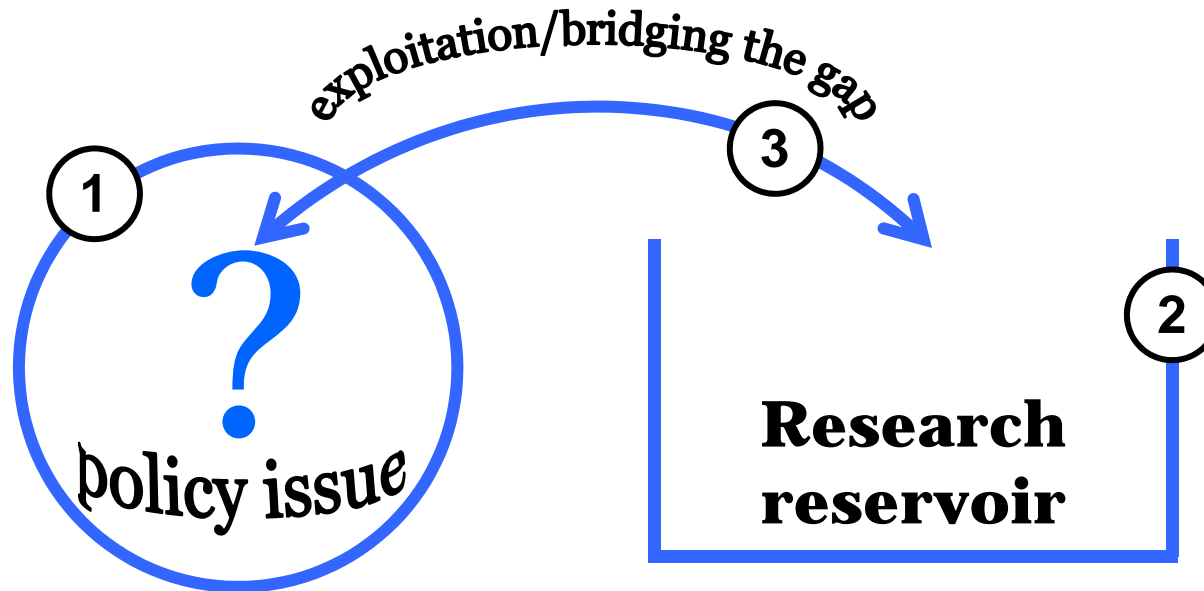
- Topic ENV.2008.4.2.3.2. “Enhancing connectivity between research and policymaking in sustainable development”





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4 composition of the consortium

5 in-built evaluation



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ENV 2008.4.2.3.2 Enhancing connectivity between research and policy-making in SD

First outcomes of the topic

- >20 proposals received
- 4 proposals selected for funding

Policy issues

- *the impacts of climate change on water management (CP)*
 - *water ecosystems*, in particular in coastal areas (CSA)
 - *sanitation (CP)*
 - *sustainable urban management (CSA)*
- Total budget: 5 million EUR





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ENV 2008.4.2.3.2 Enhancing connectivity between research and policy-making in SD

PSI -Connect

- Climate change impacts on river systems (including surface water, sediment, soil and groundwater), river basin management
- Development/experimentation of enhanced knowledge brokering instruments or processes, based on existing instruments such as simulation games, group model building, visioning workshops, and communities of practice
- The knowledge brokering instruments will then be tailored and tested in 'real life policy situations' at three geospatial (governance) levels: EU, national and regional
- « knowledge brokerage communities »





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ENV 2008.4.2.3.2 Enhancing connectivity between research and policy-making in SD

AWARE

- Sustainable Water systems management
- Focusing on anthropogenic deterioration of water ecosystems in particular in coastal areas
- Instruments: Comparable case studies of participatory scenario building (from organisational learning to the social learning)





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ENV 2008.4.2.3.2 Enhancing connectivity between research and policy-making in SD

BESSE - Brokering environmentally sustainable sanitation in Europe:

- Mapping the knowledge and technological options and the actors that possesses this knowledge
- Pilot projects: knowledge brokerage experiments





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ENV 2008.4.2.3.2 Enhancing connectivity between research and policy-making in SD

PRIMUS – Policies and Research for an Integrated Management of Urban Sustainability -coordination action focusing on the *way how* the various policy areas of urban development - energy/water/waste, transport, planning and design, social inclusion, etc are integrated → a better management and governance of the largely inter-dependent issues of urban development.

Instruments: indicators and information systems, efficient and effective policy processes, and innovative public participation.

- Bridging method : building around a series of events of different nature - *Fora* - linking into and building upon each other (local governments + researchers in the field of urban sustainability management + national ministries and agencies dealing with sustainability policies directed at the local level)
- Based on existing network : 100 local governments throughout Europe





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Research reservoir:

- mainly Framework Programme projects

Bridging methods:

- Integrated adaptive ecosystem management
- R&D at EU level vs. policymaking at local level
- “socialisation” of scientific and technological R&D
- Knowledge brokerage communities





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“ knowledge brokerage”

- Secondary exploitation of existing research
- Focus on cross-cutting issues and their policy links
- Connected to the decoupling challenge
- Shared learning on science/policy





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Outcome: activation of science/policy link

- Portfolio of projects at the fringe of research and policy -experimental nature of the projects (« hybrid research »)
- Not constrained to any « frontiers » (themes, disciplines, ...)
- Fill the gap between policy and research time horizons
- New modalities of linking sustainable development to policy making

