

Parallel Session 1b:
Sustainability Assessment

Integration of environmental, economic
and social aspects for decision support
in industry and policy



S Y K E

Per Mickwitz

- I work at the Finnish Environment Institute, in the Research Programme for Environmental Policy
- Main research interests:
 - Policy evaluation
 - The emergence of environmental technology

Time schedule for the session

- 5 min. The chairman's introduction to the topic
- 10 min. Brief introduction - Round table
- 20 min. Helmut Marcus Knoflacher: Integrated assessment challenge
- 20 min. Helena Dahlbo: Combining Ecological and Economic Assessments of Waste Management
- 45 min. Discussion and Brainstorming
- 10 min. Conclusions

Environmental technology:

“Environmentally sound technologies protect the environment, pollute less, use resources in a more sustainable manner, recycle more wastes and products, and handle residual wastes in a more acceptable manner than the technologies which they replace. Environmentally sound technologies in the context of pollution are technologies that generate low or no waste, and they may also cover end of the pipe technologies for treatment of pollution after it is generated. Environmentally sound technologies are not just individual technologies, but total systems which include know-how, procedures, goods and services, and equipment as well as organisational and managerial procedures”

Seminar www-page

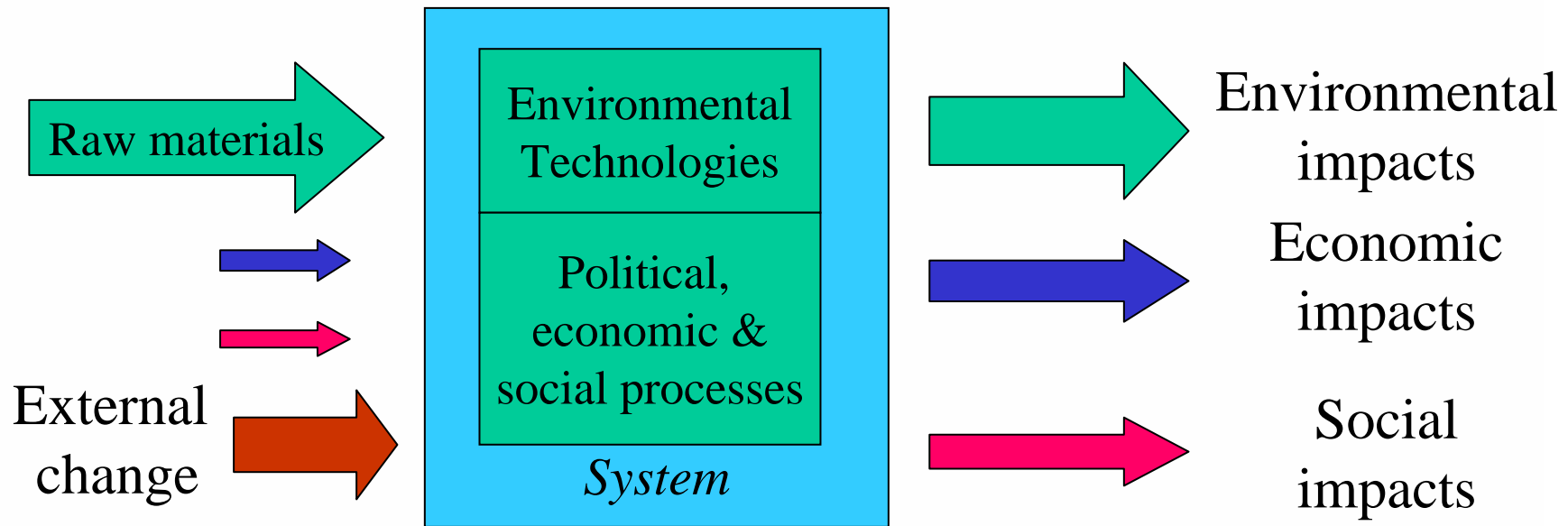
Sustainability Assessment 1(2)

- 2007, 20 years since Brundtland:

Sustainable development, i.e.

“development that meets the needs of the present without compromising the ability of future generations to meet their own needs”

Sustainability Assessment 2(2)



Links to FP7

- Topic 6.3.1.3.3. Networking and preparatory action in view of developing cost-effective, environmentally-safe waste treatment technologies adapted to the needs of developing countries, within a targeted life cycle approach
- Sub-activity 6.3.3.2 Technology assessment, (assessment not yet open in 2007)
- **Sub-activity 6.4.2. Assessment tools for sustainable development (Indicative available budget: 10 M€ in 2007, including**
 - **Area 6.4.2.1. Assessment tools and models, foresight and scenarios for sustainable development: the environment as an economic opportunity**
 - **Topic 6.4.2.1.2. Improved tools and methods to analyse the Sustainable Development implications of the EU Financial Perspective revision (2008-2009)**
 - **Topic 6.4.2.1.3. Tools and methods for cost-effectiveness and cost-benefit analysis of environmental policies in international collaboration partner countries**
 - **Topic 6.4.2.4.1. Revisiting assessment tools and strategies in fields related to sustainable development.**
 - General topic that is likely to emerge also in later years

Key questions for the session:

- Sustainability Assessment - Integration of environmental, economic and social aspects for decision support in industry and policy:
 - Assessment of what? (Focusing & prioritising)
 - Assessing – How?
 - Assessment by who?
 - Assessment when and for what? (linking assessment & decisions)