

International Workshop on Quality of LCI Data

October 20 to 21, 2003
Karlsruhe, Germany

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FZ Karlsruhe

Institute for
Technical
Chemistry

Department of
Technology
Induced
Material Flow

Department of Technology Induced Material Flow

- founded in 1999
- systems analytical research on anthropogenic material flows

HGF Research Area „*Earth and Environment*“

Program 6 „*Sustainable Development and Technology*“

Department of Technology Induced Material Flow

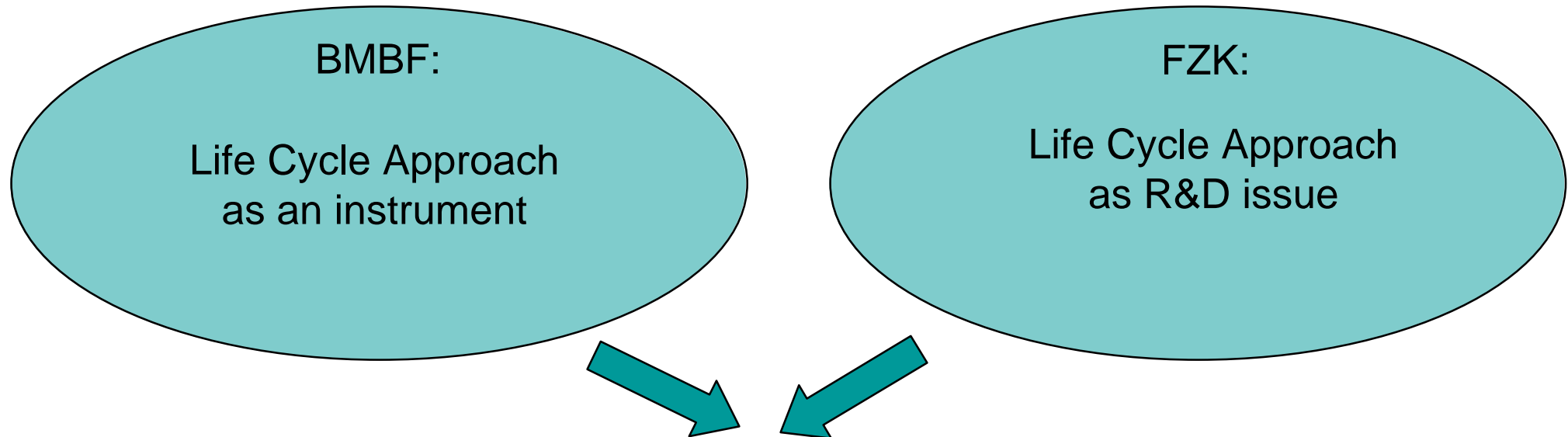
Research on:

- Material flows, related sectors and technology: building materials, biomass, waste
- Integrated approach of technology development
- LCA methodology

Scientific infrastructure on:

- data and methodology related to anthropogenic material flows

Vision

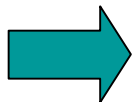


Continuity by a scientific infrastructure for research on the supply and use of life cycle inventory data

- Long-term perspective by integration in HGF
- Network of experts
- Coordination of individual activities

Preliminary Study: “Quality Assurance and User-oriented Supply of Life Cycle Inventory Data“

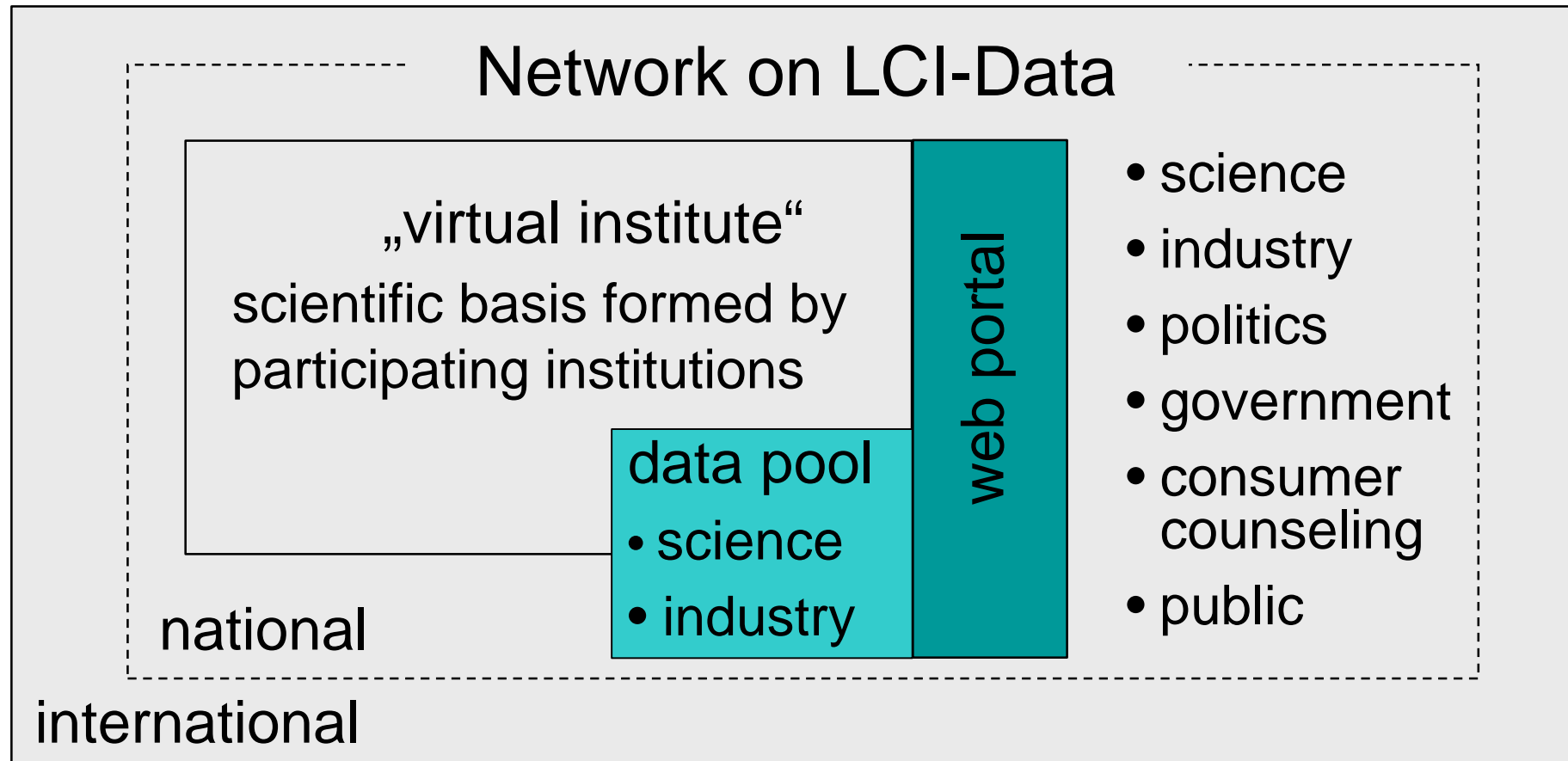
- Term: 3/02 – 12/02
- Scope: Life Cycle Inventory Data
- Tasks:
 - Contacting major stakeholders / demand analysis
 - Development of long-term concepts and implementation models
 - Workshop 11-18/19, 2002



German Network on Life Cycle Inventory Data

Scientific coordination implemented within FZ Karlsruhe in March 2003

“Virtual Institute“



Objectives

- the scientific validation, generation and **continuous update** of data for life cycle analyses
- the use of life cycle data for scientific **decision support** with respect to sustainable production and consumption in varying application areas
- further **methodological development** of life cycle analyses within the research area material flows and sustainability.
- **Integration in international activities**