Der BMBF-Foresight-Prozess: Schwerpunkte in Technologie und Forschung

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History of Foresight in the BMBF

1992 Technology at the Beginning of the 21st century  Result List of new technologies

1992 1993 Delphi study collaboration with Japan  Result List of topics for strategic management of funding

1996 International delphi study  Result List of topics List of megatrends


2007 BMBF-Foresight-Process
Influence of Foresight on BMBF

- Biotechnology, Nanotechnology
- Mikrosystems technology, Industrial engineering
- Technology at the Beginning of the 21st century, Delphi study collaboration the Japanese, International delphi study, Futur
- Service Science
- Lead Vision Papers
Four goals of the BMBF-Foresight-Process

► Identifying new focuses in research and technology

► Determining areas for interdisciplinary activities in fields of research and innovation

► Analyzing fields with the potential for strategic partnerships

► Deriving priority fields of action for research and development
Systematic Foresight

Foresight as a continuous, iterative and learning system

Search 1 → Analysis 1 → Integration and Implementation 1 → Search 2 → Analysis 2

Continuous tracking of further development → Absorption of current developments
Preparation of next Search

Foresight as a system has the potential to constantly generate useful information for decision making
Integration and Implementation

BMBF-Foresight-Process

outside BMBF 1
EXPERTS

discussion about
• parameters
• conclusions
• further procedure
• technology assessment

inside BMBF
SPECIALIST DEVISIONS

work out the maximum
use/benefit by
• speedy working out
intermediary and final results
• supporting the implementation
of new topics and programs
containing foresight-aspects

outside BMBF 2
GENERAL PUBLIC

Science communication
THANK YOU!

www.bmbf-foresight.de