

5th Call FIT-IT Semantic Systems and Services Call Topics and Call Details

Portfolio, Potential, and International Business Trends

Wolke 19 / Ares Tower
May 8th, 2008

A cooperation of



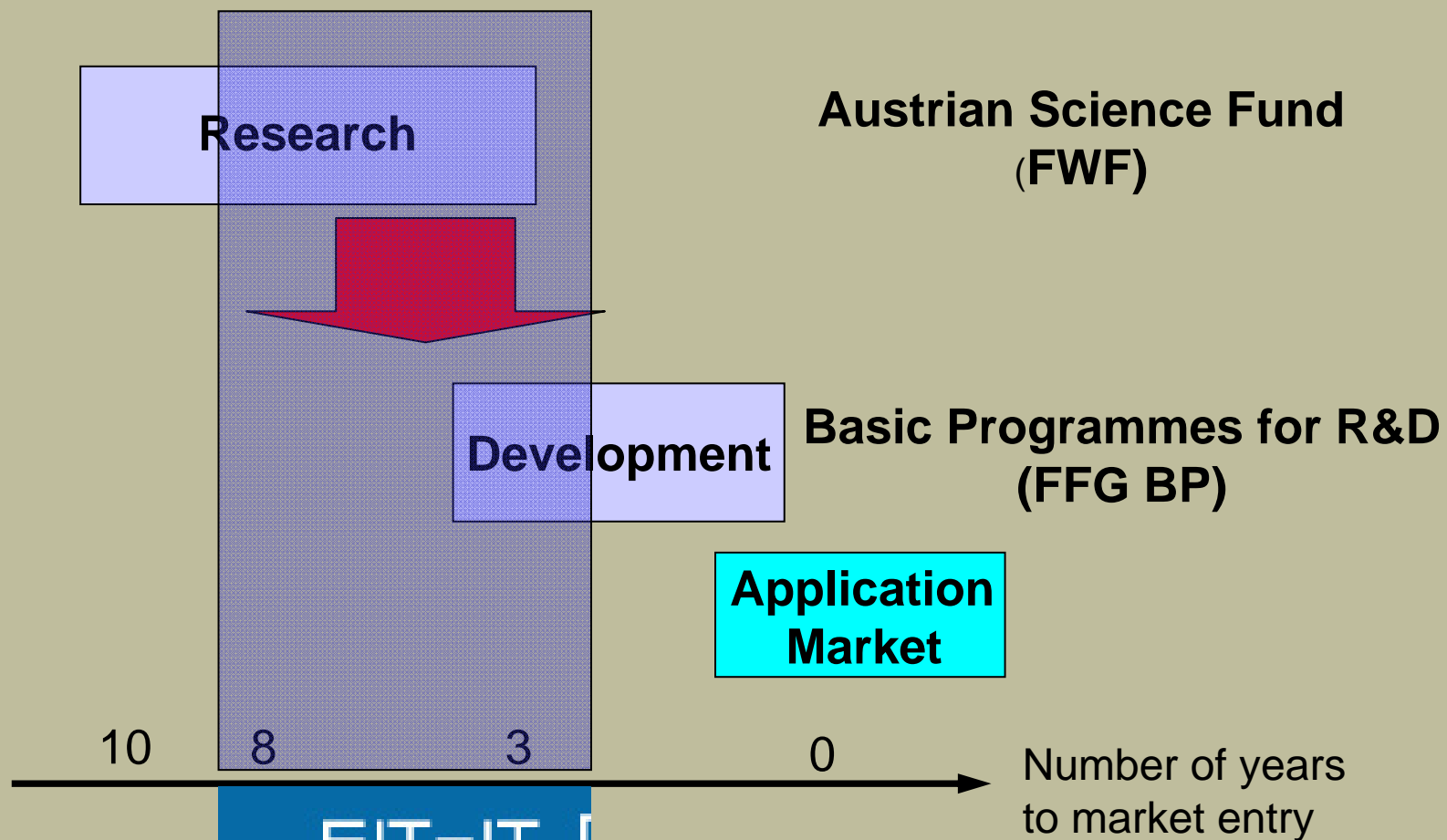
FIT-IT [

Create radically new IT
(research prototype)

Strengthen the
competitiveness of
Austrian research and industry

Train qualified researchers

Improve international visibility



- **Semantic Systems and Services is an Austrian area of excellence**
 - Portfolio Analysis
 - Potential Analysis
 - Interviews with RTDI personal
 - Round table with Austrian experts
- **International Trends**

Interviews

- Embedded Systems
- Artificial Intelligence
- Visual Computing
- Mobile Communication
- Telecommunication
- IT-Security
- Microelectronic
- Semantic Systems
- Quantum informatics
- Information systems
- Computer science
- Formal languages
- Mathematics
- Interfaces

Publication impact

- Visual Computing
- Computer science
 - Parallel computing
 - Software engineering
- Artificial Intelligence/SemSys
- Embedded Systems
- Telecommunication
 - Signal processing
- Distributed Systems
- Mathematics
- Mobile communication
- Business informatics

Business trends that could benefit from semantic technologies

- Distributed co-creation: innovators outside the firm
- Using consumers as innovators: involvement everywhere
- Talent-deployment models: talent pools and networks
- Extracting value from interaction: wikis, video, ...
- Expanding frontiers of automation: integration, RFID...
- Putting more science into management: decision making
- Making business from interaction: data mining etc.

Technology related to semantic technologies

- (Unified Communication)
- Business Process Modelling – complementing SOA
- Metadata Management – EIM / SOA
- Virtualization 2.0
(adding automation and holistic service mgt.)
- Mash up & Composite Application
- Web Platform & WOA (SaaS)
- Real World Web (applying web info to the real world)
- Social Software

4th Call FIT-IT Semantic Systems and Services

- 6 out of 16 proposals funded
- 2,2 million euro
- Projects:
 - Service-Detective
 - BSopt
 - RAVEN
 - OntoREA
 - MobiSem
 - SEMAMO

- **Research in semantic systems and services that addresses challenges in real world working environments**
 - Service Composition and Service Orchestration
 - Usability, Trust and Privacy
 - Scalability, Performance, Robustness, and Serviceability
 - Integration of multimedia data
 - Context aware collaboration technologies
- Integration of small and medium sized enterprises (where applicable)
- Semantic systems and services in general

- FIT-IT SemSys Submission Deadline
July 7th, 2008 12:00
 - Call-budget 3 million euro
- Jury meeting
in August 2008
- Please use the new forms
<http://www.ffg.at/fit-it>

FIT-IT Semantic Systems and Services



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