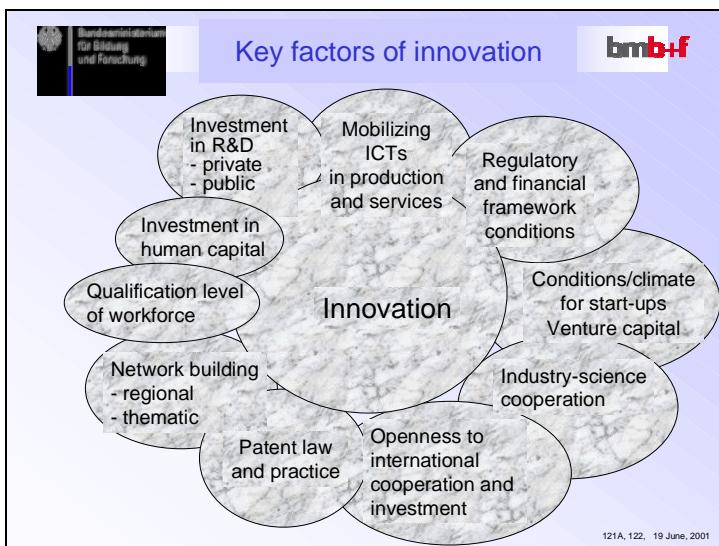


Evaluation of systems, institutions, programmes and projects

- ❖ Evaluations in the process of German unification
- ❖ Comprehensive system evaluation
 - ◆ Fraunhofer Society
 - ◆ MPG, DFG and university research
 - ◆ Helmholtz Association
 - ◆ Leibniz Science Association
 - ◆ German institutes abroad
 - ◆ Industry-integrating support by the Federal Ministry of Economics and Technology
- ❖ Consequences: performance orientation, flexibility, autonomy, networking and mobility

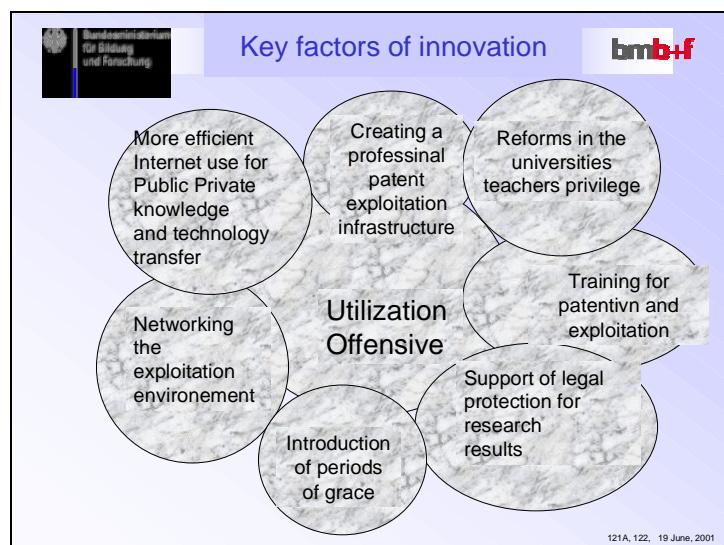
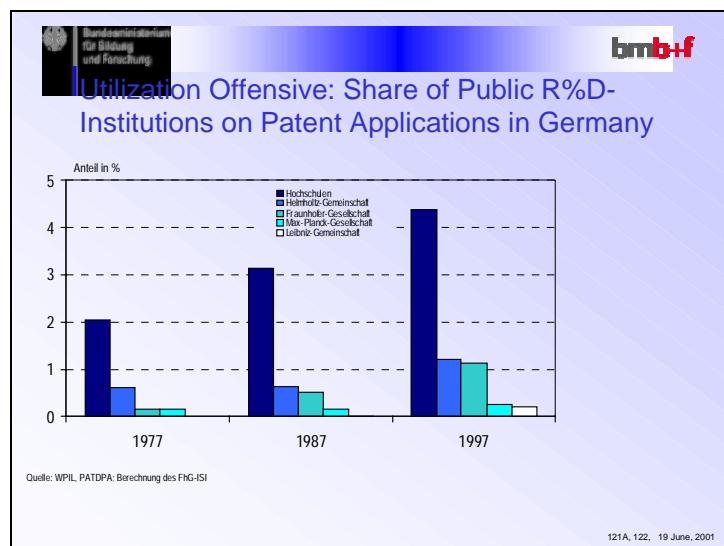
121A, 122, 19 June, 2001

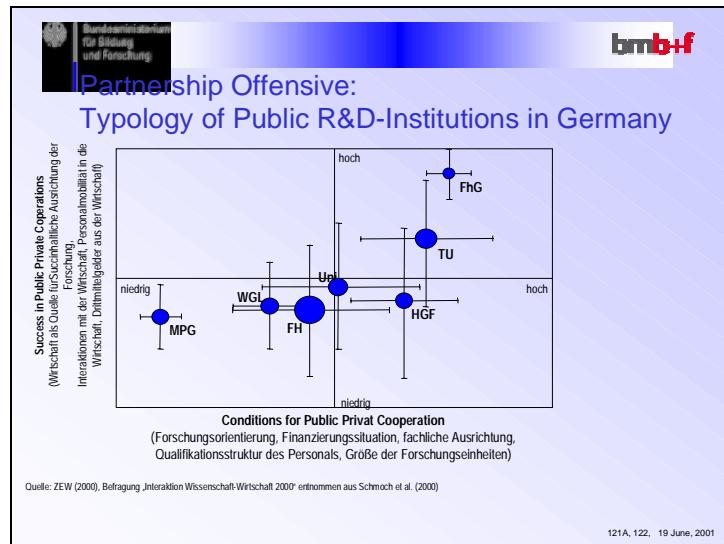


Policy initiative : Knowledge Creates Markets

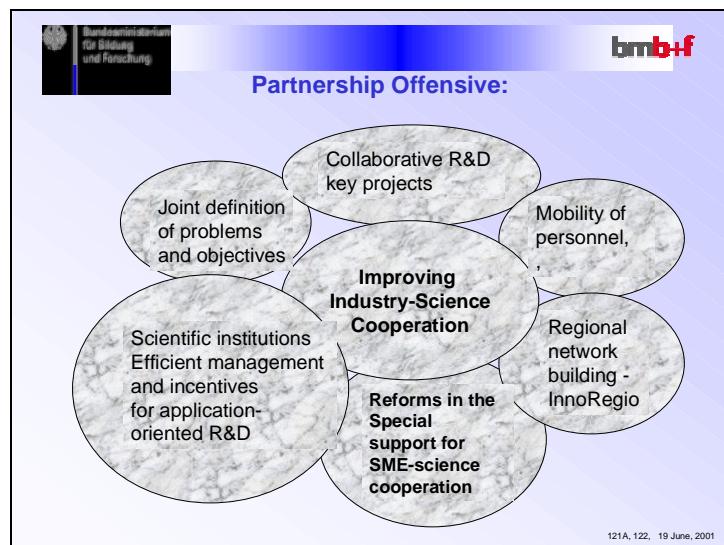
- ❖ Quicker transformation of knowledge into new products and processes
- ❖ Four main areas of action:
 - ◆ utilization offensive: quicker marketing of new research results
 - ◆ spin-off offensive: mobilizing science spin-offs
 - ◆ partnership offensive: creating incentives and favourable conditions encouraging science and industry to pool their efforts
 - ◆ competence offensive: supporting companies to make more and better use of academic knowledge in intramural innovation process

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- Partnership Offensive:**
Developing the research system by structural reforms
- ❖ Reform of employment law for university teachers and researchers
 - ◆ performance-based remuneration structures
 - ◆ career opportunities for young scientists - junior professorships
 - ❖ Reform of higher education funding by *Länder* governments
 - ❖ Directing Helmholtz centres by programmes and programme budgets
 - ❖ Merger of the GMD (National Research Center for Information Technology) with the FhG (Fraunhofer Society)
- 121A, 122, 19 June, 2001



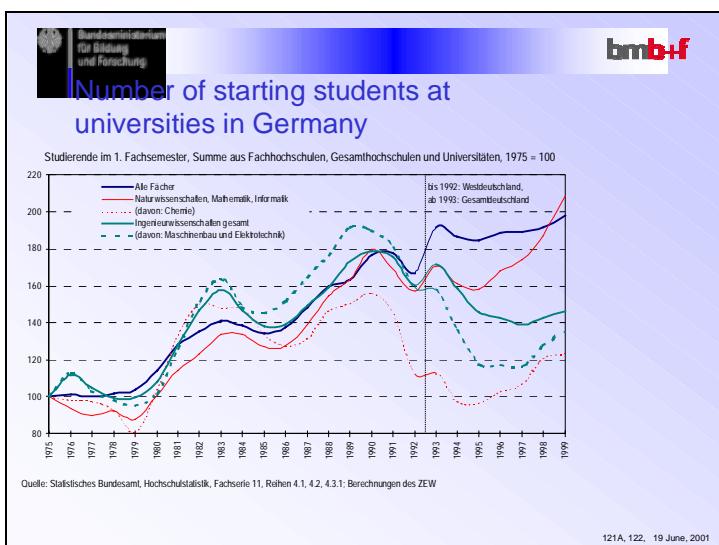
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Competence Offensive: Research needs education

- ❖ Supporting young scientists
 - ◆ Doctoral studies (postgraduate research groups, PhD study programmes)
 - ◆ Emmy Noether programme
 - ◆ Junior professorships
 - ◆ Opportunities for applicants from abroad
- ❖ Using opportunities - women in science and research
- ❖ Education Forum - a joint reform initiative
- ❖ Tackling the shortage in technical and engineering fields
- ❖ Improving Innovation management capabilities

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Priorities in research funding

- ❖ Information and communication technologies
- ❖ Biotechnology und health research
- ❖ Environmental and climate research
- ❖ Materials research
- ❖ Energy research
- ❖ Innovation research
- ❖ Space research and technology

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