



CISTRANA Workshop German ICT Research Policy

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Germany's ICT R&D structure is very complex, The players are coming from:

Federal Government
(Ministries, Chancellors Administration etc.)



**Federal Länder and their
research facilities and universities**
(e.g. Bavarian ICT funding)



Industry and industrial foundations
(e.g. Volkswagen foundation,
Steinbeis-Foundation)



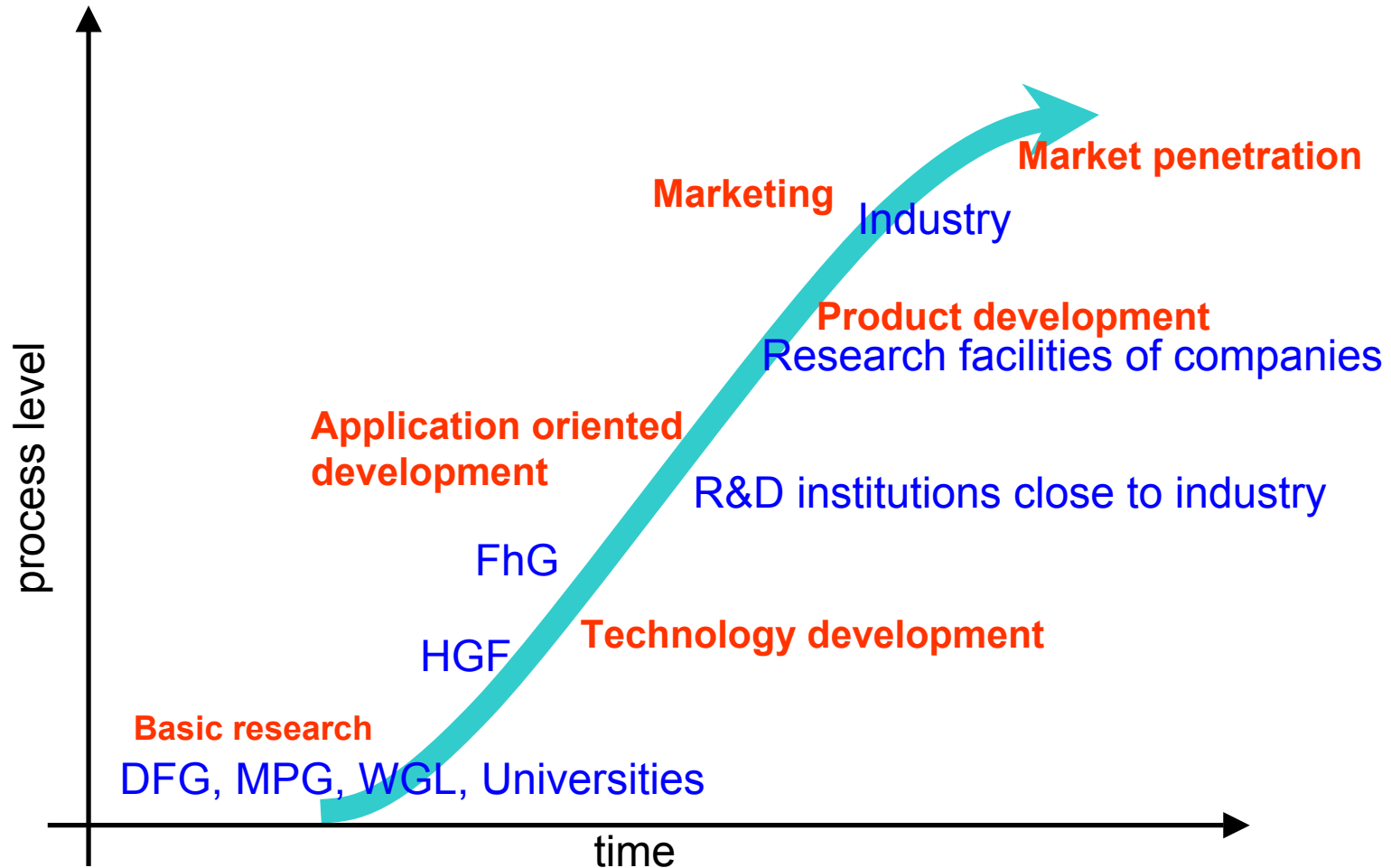
Associations (e.g. BITKOM, AIF)



Federal R&D Funding is either

- institutionalized funding for R&D Institutions, or
- Project funding for R&D Projects

R&D Funding is following the Process of Innovation

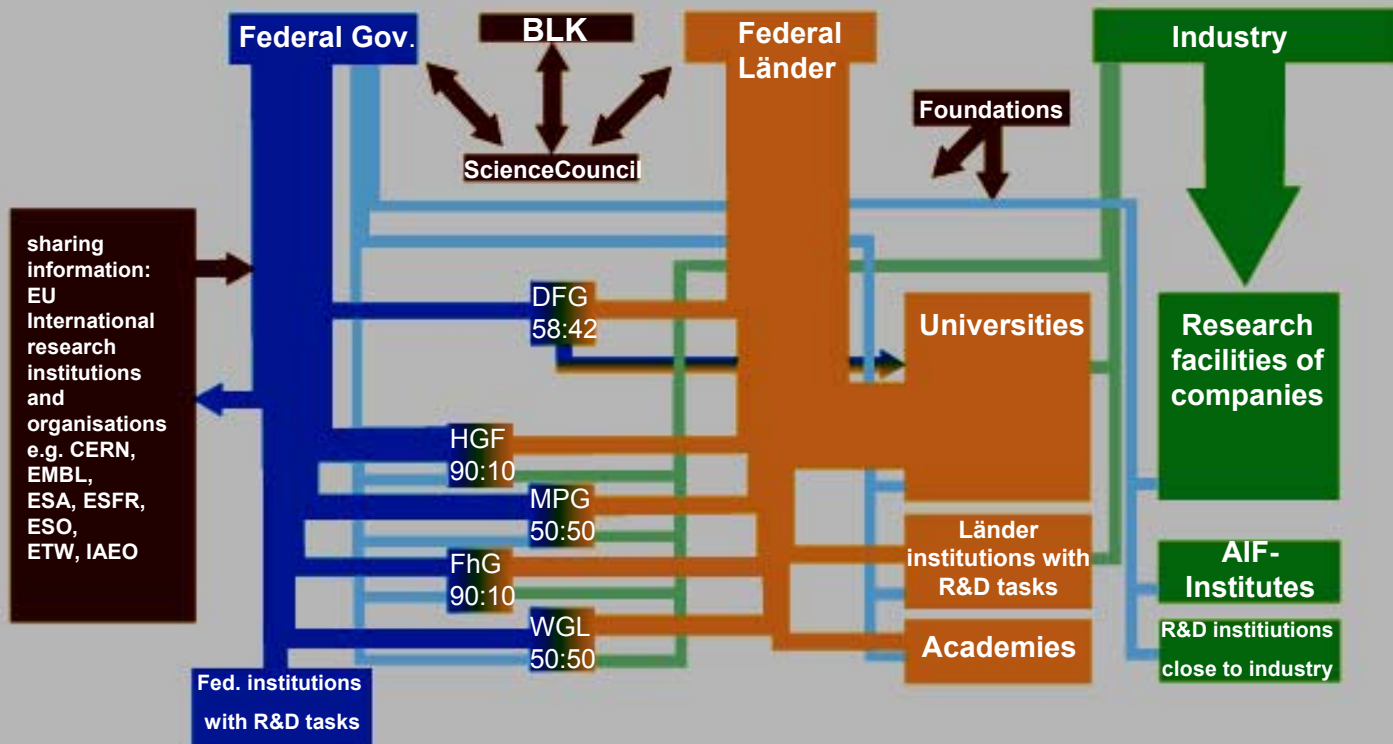


specific level of the innovation process



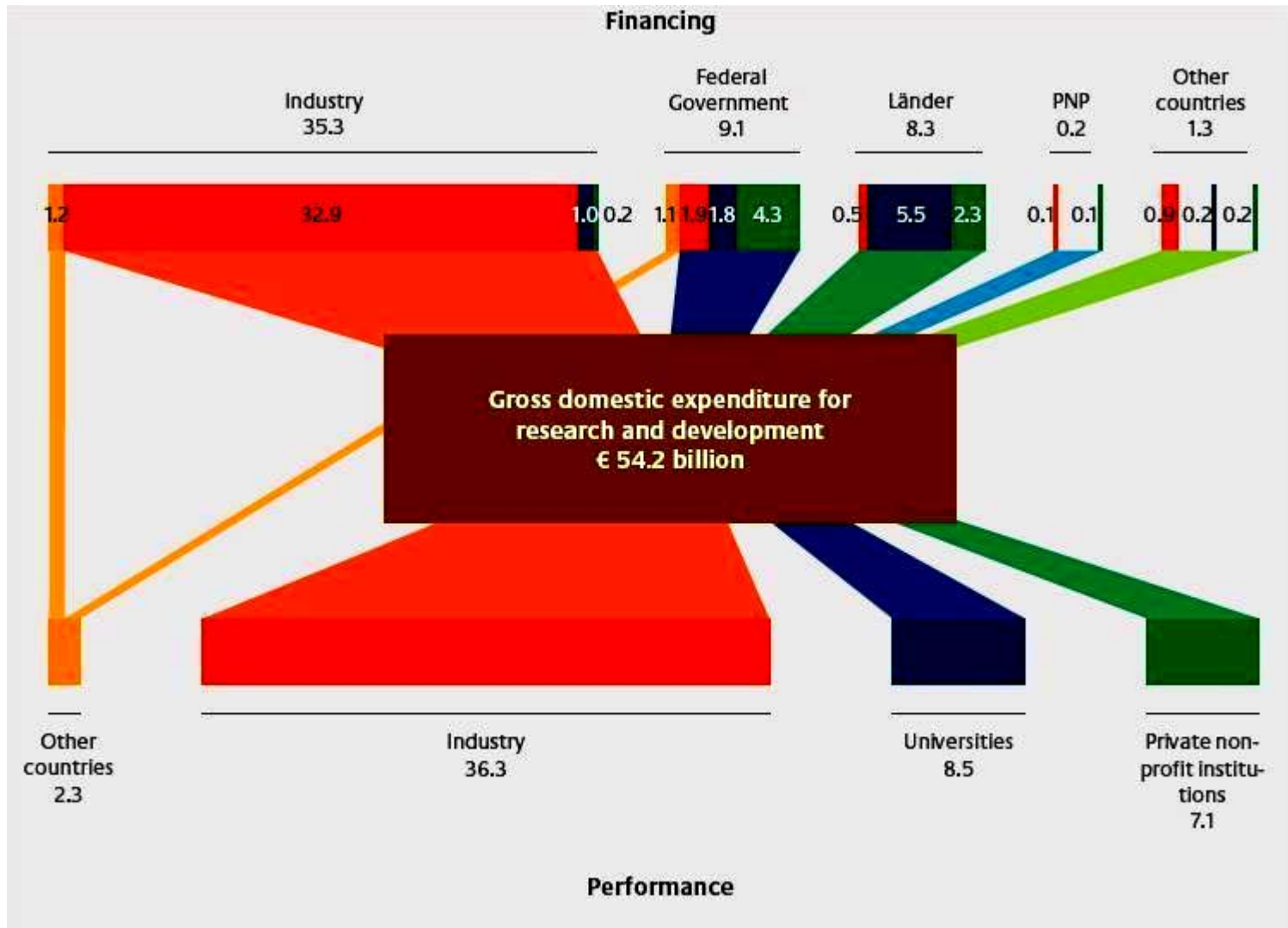
institutions and other players positioned on a specific level

Structure of the German research funding sector (simplified overview)



■ ■ ■ Institutionalised support relationships
 — — Project support (only for Federal Government and industry)

Germany's R&D expenditures in 2001, by financing and performing sectors (in billions of €)



Annual Budgets of Federal R&D Organisations:

German Research Foundation (DFG) in 2004:

- in Total 1.307,1 Mio €
- Computer science, E-Technology, System technology 89,2 Mio €

Helmholtz Community of Research Centres (HGF) in 2004:

- in Total 1.971 Mio €
- ICT, Nanoelectronics, Scientific Computing, Nanosystems 109 Mio €

Max Planck Society (MPG) in 2005:

- in Total 1.331,7 Mio €
- Computer science, mathematics, engineering 47 Mio €

Fraunhofer Society (FhG) in 2004 :

- in Total 1.069 Mio €
- Fraunhofer ICT group 176 Mio €

Leibnitz Community (WGL) in 2004:

- in Total 1.097,8 Mio €
- Mathematics, natural sciences, engineering 370,8 Mio €

Budgets of Federal Länder R&D Organisations for ICT funding (examples):

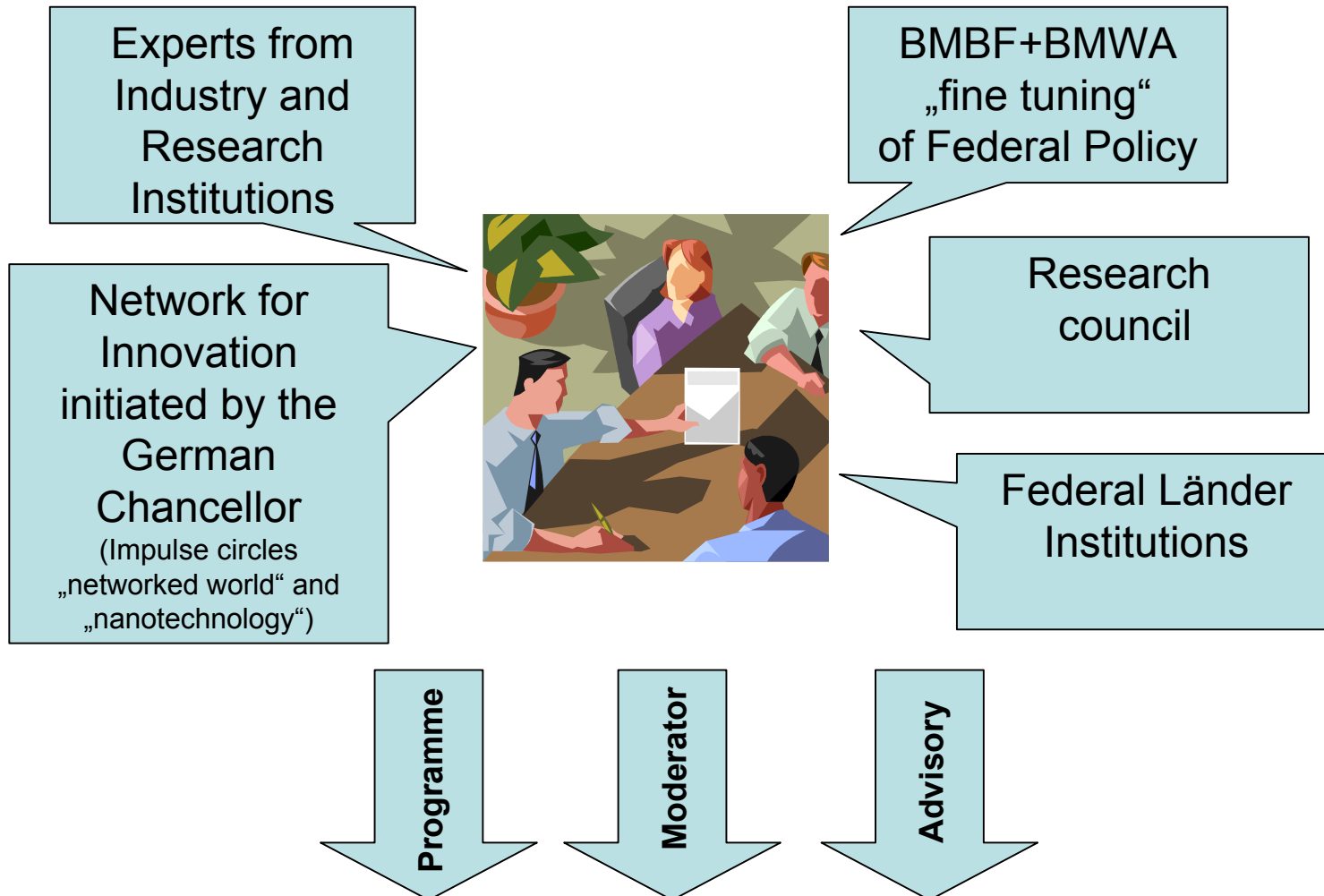
Bavaria:

- Technology Funding of the Bavarian Ministry of Economy and Technology 10-15 Mio. € per year
- special Bavarian High Tech programme 250 Mio. € for a period of 5 years

Baden-Württemberg:

- Landesstiftung (Foundation) BaWü 8,7 Mio. € over 2 years for a special programme including
Quantum Information Processing, Software Engineering,
Modelling and Simulation on High Performance Computers

Federal Ministry of Education and Research (BMBF) as a Node in the R&D Network



Finding Strategic Objectives for a new Federal ICT R&D Programme

