WELCOME

to the Federal Ministry of Education and Research in Berlin on 19.05.2015
• Our House
• Higher Education in Germany and Programmes from the BMBF
• Bologna after Yerevan
Two sites

The BMBF is a so-called “Bonn-Ministry”.

Of the roughly 1000 staff
approximately 750 work in Bonn and
approximately 250 in Berlin.
Leitung des BMBF

Prof. Dr. Johanna Wanka
Bundesministerin für Bildung und Forschung

Stefan Müller, MdB
Parl. Staatssekretär

Thomas Rachel, MdB
Parl. Staatssekretär

Cornelia Quennet-Thielen
Staatssekretärin

Dr. Georg Schütte
Staatssekretär
Organizational Structure of the BMBF

- Central Services
- Strategies and Policy Issues
- European and International Cooperation in Education and Research
- Vocational Training: Lifelong Learning
- Science System
- Key Technologies – Research for Innovation
- Life Sciences – Research for Health
- Provision for the Future – Basic and Sustainability Research
Traditional cross-cutting and service functions such as staff, organization, infrastructure as well as budget, controlling and funding procedures.

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- Strategic orientation of the BMBF
- Science Dialogue
- Innovation support
- Equal opportunities
- Promotion of talent
- Cooperation with the Länder

Tasks of the BMBF
Tasks of the BMBF

- Shaping and enhancing international relations
- Representation in international bodies: EU, OECD, G8, UN
- Training
- Upgrading Training Assistance
- Continuing Training
- Education Research
- International benchmark studies (e.g. Pisa)
Tasks of the BMBF

- Tasks in higher education policy (university research funding)
- Initiative for Excellence
- Promotion of young talent
- BAföG (Federal Training Assistance)
- Research Organizations
Tasks of the BMBF

- Nanotechnology
- Electronics
- Optical Technology
- Security Research
and many more

Z  Central Services
1  Strategies and Policy Issues
2  European and International Cooperation in Education and Research
3  Vocational Training: Lifelong Learning
4  Science System
5  Key Technologies – Research for Innovation
6  Life Sciences – Research for Health
7  Provision for the Future – Basic and Sustainability Research
Tasks of the BMBF

- Health Research
- Biotechnology
- Medical Technology

2 Central Services
1 Strategies and Policy Issues
2 European and International Cooperation in Education and Research
3 Vocational Training; Lifelong Learning
4 Science System
5 Key Technologies – Research for Innovation
6 Life Sciences – Research for Health
7 Provision for the Future - Basic and Sustainability Research
Tasks of the BMBF

- Basic research in the natural sciences
- Environmental, Energy and Climate Research
- Humanities and the Social Sciences
- Large Facilities

Z
Central Services

1
Strategies and Policy Issues

2
European and International Cooperation in Education and Research

3
Vocational Training; Lifelong Learning

4
Science System

5
Key Technologies – Research for Innovation

6
Life Sciences – Research for Health

7
Provision for the Future - Basic and Sustainability Research
Budget 2015

The BMBF’s budget for 2015 is 15.3 billion Euro. This will make it possible to firmly anchor education and research in the Federal Budget in the long term, despite the difficult financial situation.
Higher Education

Framework

- Competence of the Länder/States:
  Public higher education institutions are financed by the States
  Legal framework set by the States

- Federal Government and Länder can jointly act together through joint programmes
  like the Pact for Higher Education, Qualiypact Teaching, Excellence Initiative

- Recent change of constitution foresees that Federal Government can support single
  HEIs and clusters of HEIs
Higher Education in Germany

- Roundabout 425 HEIs in Germany (Research Universities, all-inclusive Universities, Applied Science Universities, Arts, Music, Professional Academies, big, small, medium, all you can think of)
- Besides HEIs, rich environment of non-university research institutions like Max-Planck-Societies, Leibnitz-Societies, Frauenhofer-Society, Helmholtz-Society, German Research Community, DAAD,…..
- 2.7 Million Students 2014/15 – massive expansion
- 662.000 academic staff
- 45.000 professors
- 27.000 PhDs in 2013
- 150.000 German Students study abroad (2014), roundabout 35% of students are mobile during their studies: Goal: 50% until 2020
- 300.000 foreign students study in Germany in 2014/2015. Germany most attractive of non-English-speaking countries (USA, UK)
38 Billion Euro Pact

- The Federal Government and Länder are investing approximately 38 billion euros between 2007-2023
  - in continuing the Initiative for Excellence to provide a secure perspective for cutting-edge research at institutions of higher education,
  - in non-university research institutions to provide them with the necessary leeway to continue to develop dynamically in future (Pact for Research and Innovation) and
  - in an additional 625,000 places at institutions of higher education (Higher Education Pact).
Higher Education Pact

- 1st Phase (2007-2010):
  - an additional 185,000 new university entrants by 2010
  - The Federal Government provided 11,000 euros per new entrant (565 million euros by 2010).

  - The Federal Government and the Länder will provide a demand-based range of programmes for the expected additional 625,000 new entrants.
  - The Federal Government provided 13,000 euros per additional new entrant, in all: 7 billion €
The "Quality Pact for Teaching", a joint programme of the Federal Government and the Länders, is providing support to 186 institutions of higher education in all 16 Länders to improve study conditions and the quality of teaching in higher education. The institutions of higher education need additional qualified staff in the areas of teaching, mentoring and advisory services to achieve this objective. The overall goals of the programme are to achieve a better student-to-staff ratio at institutions of higher education, to provide support in the qualification or further training of staff and to ensure and further develop the quality of education at institutions of higher education.

2 Billion € until 2020
Excellence Initiative

- 4.6 billion euros have been earmarked for higher education institutions (2005 to 2017);
- Three project-oriented funding lines which will be continued:
  - Graduate schools for young scientists
  - Excellence clusters established at universities as internationally visible and competitive research institutions which cooperate with non-university research institutions, universities of applied sciences and industry
  - Funding for “Future concepts to enhance cutting-edge research at universities” to strengthen the research profile of selected universities
- Until 2017 45 Graduate Schools, 43 Excellence Clusters and 11 Future Concepts
Phase 2 (2012-2017)

- Final decision on 15 June 2012
  - 45 graduate schools
  - 43 excellence clusters
  - 11 institutional strategies
- Evaluation
  - Data based implementation report by DFG and Science Council until 30 June 2015
  - Report of international experts Commission until January 2016
One in four students receives BAföG grants during his/her standard period of study.

Since 2015 the grants are solely financed by the Federal Government; the Federal Government currently provides 2.1 billion euros per year for training assistance.

Half of the grant is in the form of a low-interest loan.

A total of 440,000 students received funding in 2014. Roundabout 50,000 study abroad – full portability

More than two thirds of BAföG recipients say that they would not have been able to study otherwise.

Maximum BAföG award is 670 euros per month.
Internationalisation Strategy of the Federal Government and the Länder (States), 2013

9 Action Lines:

- Strategic Internationalisation of HEIs – Audit of the HRK
- Improving the legal frameworks – Recognition, residence, accreditation joint programmes
- Create a welcome culture – welcome centers, mentoring, etc.
- International Campusses – foreign language programmes, international staff,
- Outbound mobility of students – by 2020 50% (now 35%)
- Raising international attractiveness of German higher education – by 2020 350,000 foreign students, GATE-Germany, DAAD, AvH
- Winning excellent scientists from abroad
- Enhancing research cooperation
- Transnational higher education offerings
Bologna after Yerevan

- Successful Ministerial Conference in Yerevan May 14/15 2015
- Belarus new participant in the EHEA with an ambitious roadmap to be fulfilled until the next Ministerial Conference in Paris 2018
- Strong emphasis on the sound implementation of agreed reforms to strengthen credibility of the EHEA
- Offers for PLA, Seminars, Conferences, work-shops, etc. to fill existing gaps in implementation
- Priorities of the Communique: Enhancing the quality and relevance of learning and teaching; fostering the employability of graduates throughout their lives; making our systems more inclusive; implementing agreed structural reforms.
Bologna after Yerevan

- New ECTS user’s guide, ESGs, European Approach for Joint Programmes
- Using the unique Bologna setting as a forum for peaceful dialogue and higher education cooperation
- France will host the next Ministerial Conference and the Secretariat – 20 years after signing of the Sorbonne Declaration.
- BPF: definition of subject areas and concrete timetable of activities to be developed by the BFUG for 3.-country cooperation to secure continuity of cooperation