

Science and Technology Platform Forum on Food Security and Nutrition in a Changing World

6th Sino-German Agricultural Week

Thursday, 3 December 2020

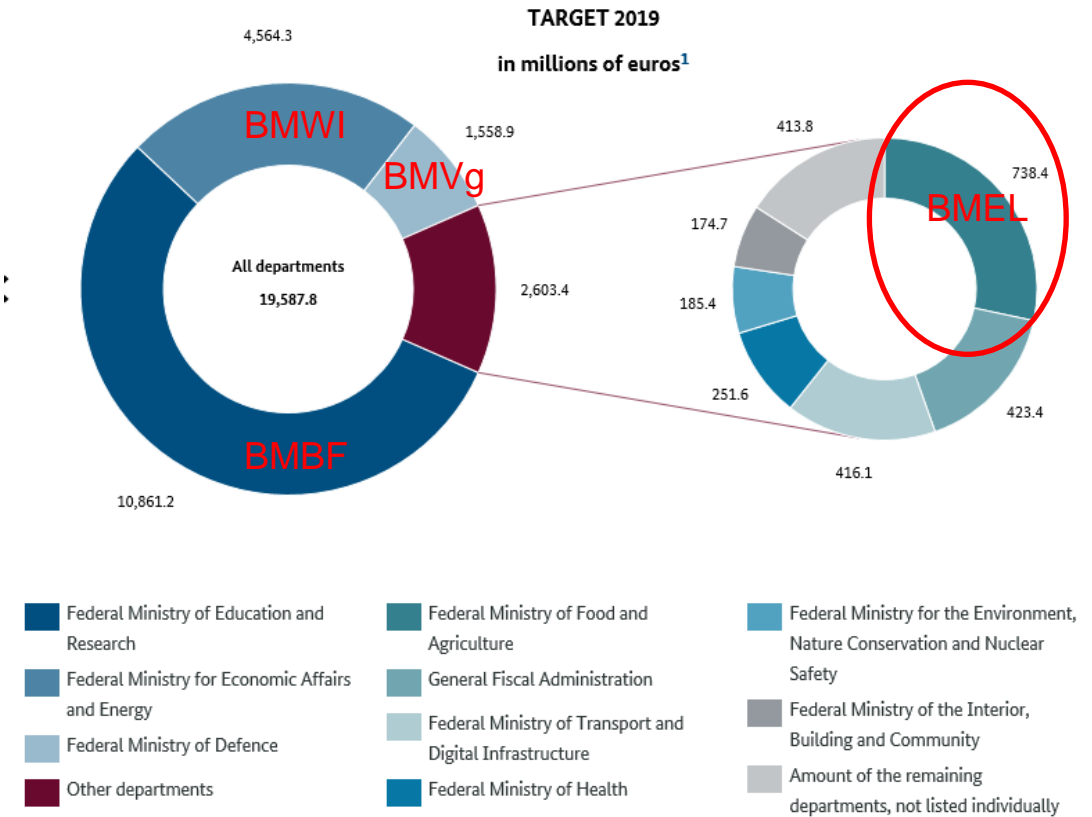
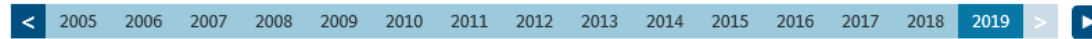
Maja Clausen, Research & Innovation Division
Federal Ministry of Food and Agriculture (BMEL)

BMEL Mandate & Competence in Food, Nutrition and Agricultural Policy & Research

- Extensive expertise and experience in the areas of **agriculture** (incl. fisheries & forestry), **rural development**, **food (systems) and nutrition**
- Long-term collaboration with **FAO & other multilateral fora** (e.g. Committee for World Food Security, CFS; active role in Developing *Voluntary Guidelines on Food Systems and Nutrition, Policy Recommendations on Agro-Ecology and other Innovative Approaches* as well as preparations for the **UN Food Systems Summit 2021**)
- Involvement in **international & multilateral research initiatives** within various platforms and fora (e.g. OECD, GRA, UN, G7/G20 -> **G20-MACS** (“Meeting of G20 Agricultural Chief Scientists”))
- **EU Policy** (e.g. Council Presidency 2020) & **Research** (Horizon 2020 & Horizon Europe, ERA-Nets, e.g. LEAP AGRI and Joint Programming Initiatives, e.g. FACCE, HDHL)

Federal Government Expenditure for Research and Development by Department (2019)

Federal Government expenditure on research and development, by departments



- 4th largest R&D expenditure provided by the Federal Ministry of Food and Agriculture
- target investment of 738,4 million €
- 6,5 million € for international research for global food security & nutrition (without EU)

1) The departments' scopes of responsibilities and their names correspond to the organisational division of the 19th legislative period's Federal Government. In cases of reallocating tasks, expenditures assignments have been implemented retroactively, for purposes of comparison.

BMEL Research Landscape

Federal Research Institutes within BMELs mandate:

- Friedrich Loeffler Institute (FLI): Animal Health
- Thünen Institute (TI): Rural Areas, Forestry and Fisheries
- Julius Kühn Institute (JKI): Cultivated Plants
- Max Rubner Institute (MRI): Nutrition and Food



In addition:

- Federal Institute for Risk Assessment (BfR)
- 6 affiliated „Leibniz“ Institutes (ATB, FBN, IAMO, IGZ, LSB, ZALF) and the German Biomass Research Centre (DBFZ)
- Close dialogue with the **German Agricultural Research Alliance (DAFA)**



➡ Provide scientific input for policy decisions

➡ Contribute to international scientific network & exchange

German Agricultural Research Alliance

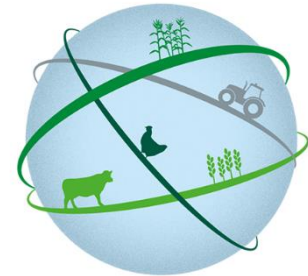


BMEL Focal Policy Areas (selection)

- Sustainable & Resilient Agriculture, Forestry & Fisheries
- **Global Food Security & Sustainable Food Systems** > even more prominent due to global impact of Covid-19 pandemic!
- **Sustainable & Healthy Nutrition**
- **Reduction of Food Loss and Waste**
- Climate Change
- Biodiversity
- Animal Welfare & One Health
- **Digitalization, Innovation and Research** (cross cutting)

BMEL International Flagship Events

- **Global Forum for Food and Agriculture, GFFA**
(www.gffa-berlin.de/en/)



Virtual GFFA 2021 “How to feed the world in times of pandemics and climate change?” (18-22 January 2021)

- **Policies Against Hunger Conference**

“Nourishing a Nation’s Future: Joint Action for Improved Nutrition in Schools“ (24-25 June 2021)

BMEL International Research for Global Food Security & Nutrition: Key Funding Instruments

- **Bilateral research collaboration** with selected partner countries
E.g. Japan, **China** and New Zealand
- **PhD programme**
Research partnerships training for PhD students from selected countries at German agri-food research facilities
- **Research Cooperation for Global Food Security and Nutrition**
Practice-oriented research projects, conducted in cooperation between German agri-food research facilities and partner institutions in Subsahara Africa, South/Southeast Asia (3 research calls: 2013, 2016, 2019)

Key objectives:

- Establish **long-term** partnerships
- Share **knowledge and experience** to identify local solutions & address global challenges
- Contribute to **Sustainable Development Goals**

Bilateral Research collaboration with China

- Long-term **successful collaboration**
- Based on **Bilateral Agreement** dating back to **1978** on Scientific and Technological Cooperation
- > 40 years of fruitful research partnership
- > 500 collaborative agricultural research projects & numerous research trips
- **Science & Technology Platform** as integral pillar of the Sino-German Agricultural Centre, DCZ (since 2015): joint scientific events, study visits and exchange fora
- **24. Expert Meeting** on Bilateral Agricultural Research Collaboration in **Hangzhou** (February 2019)
- **Joint Declaration of Intent on Bilateral PhD Exchange Programme** signed by both Agricultural Ministers in June 2019 (preparations with DAAD as implementing partner ongoing; delays due to COVID-19 pandemic)

**Thank you & best wishes for a fruitful
exchange!**

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