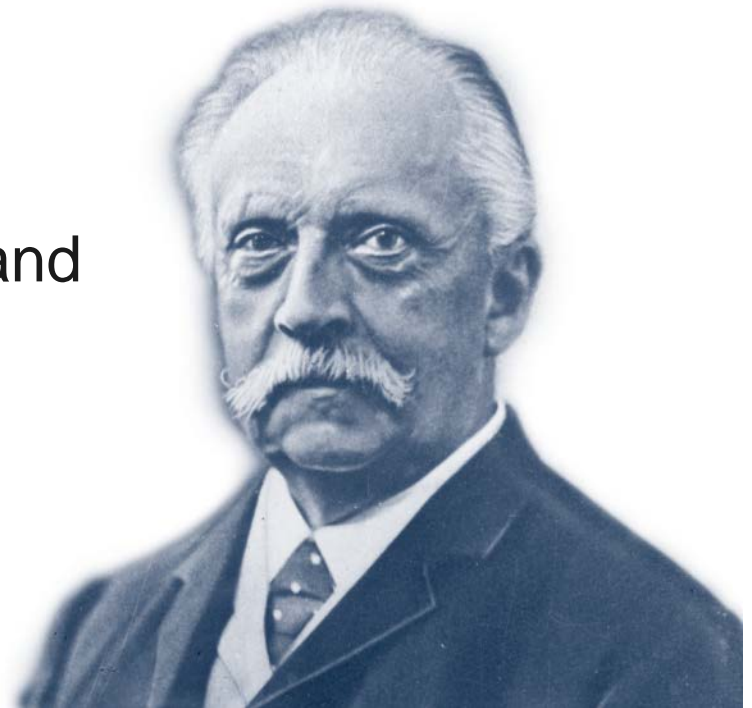
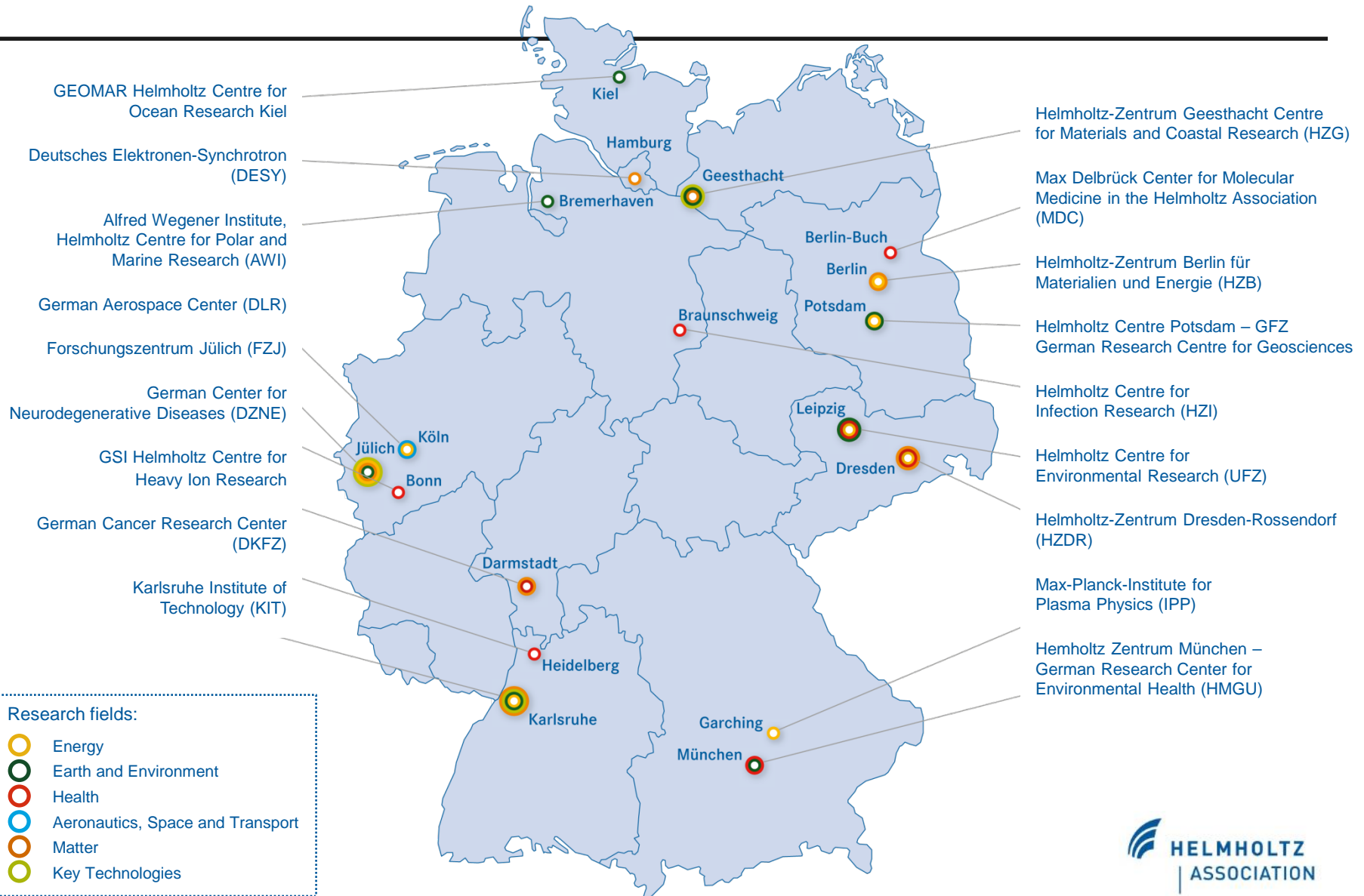


Helmholtz Research Mission & Strategy

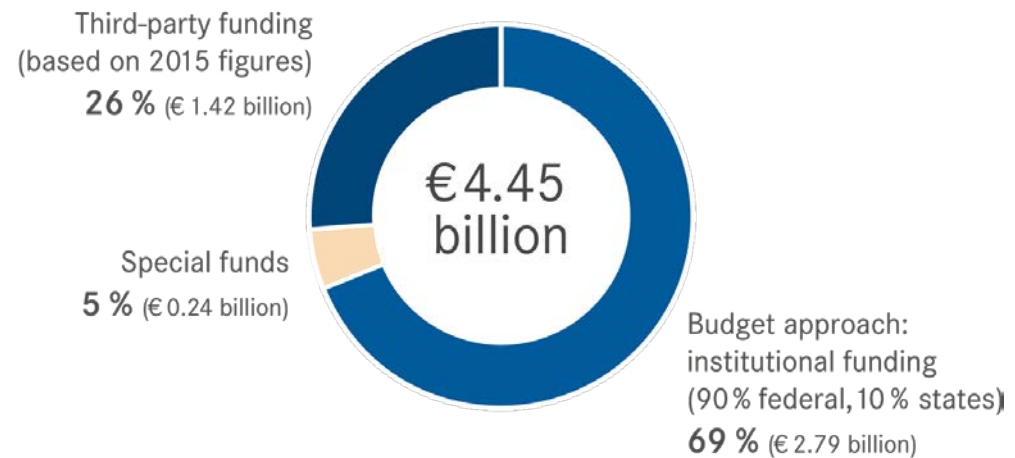
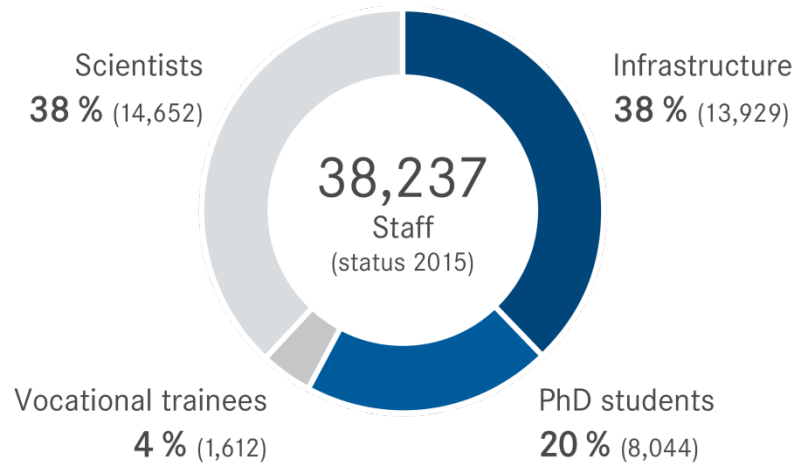
- Systems solutions for grand challenges based on:
 - Scientific excellence
 - Interdisciplinarity and critical mass
 - long term research programs
- Helmholtz provides a highly attractive environment for talents and brilliant brains
- Profound expertise in large scale research infrastructure



Helmholtz Centers



Facts and Figures





German Research Organisations

Status 2015

	Budget/ Billion €	Staff in FTE*	Centres/ Institutes
Helmholtz Association Use-inspired basic research in strategic programmes	4.45	38,237	18
Max Planck Society Pure basic research	1.80	13,632	82
Fraunhofer Society Industry-oriented research and development	2.00	17,119	66
Leibniz Association Long-term research topics	1.43	14,229	86

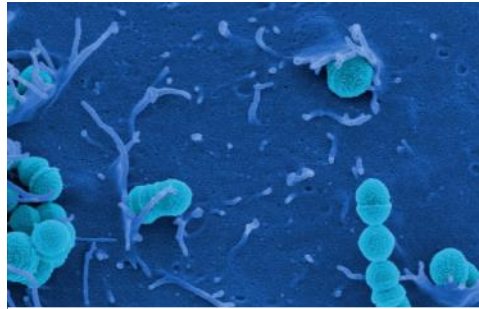
Source: GWK Monitoring Report 2015 Joint Initiative for Innovation and Research

*Staff in working hours (full-time equivalent) for 2014

Research Portfolio of the Helmholtz Association



ENERGY



HEALTH



MATTER



EARTH AND
ENVIRONMENT



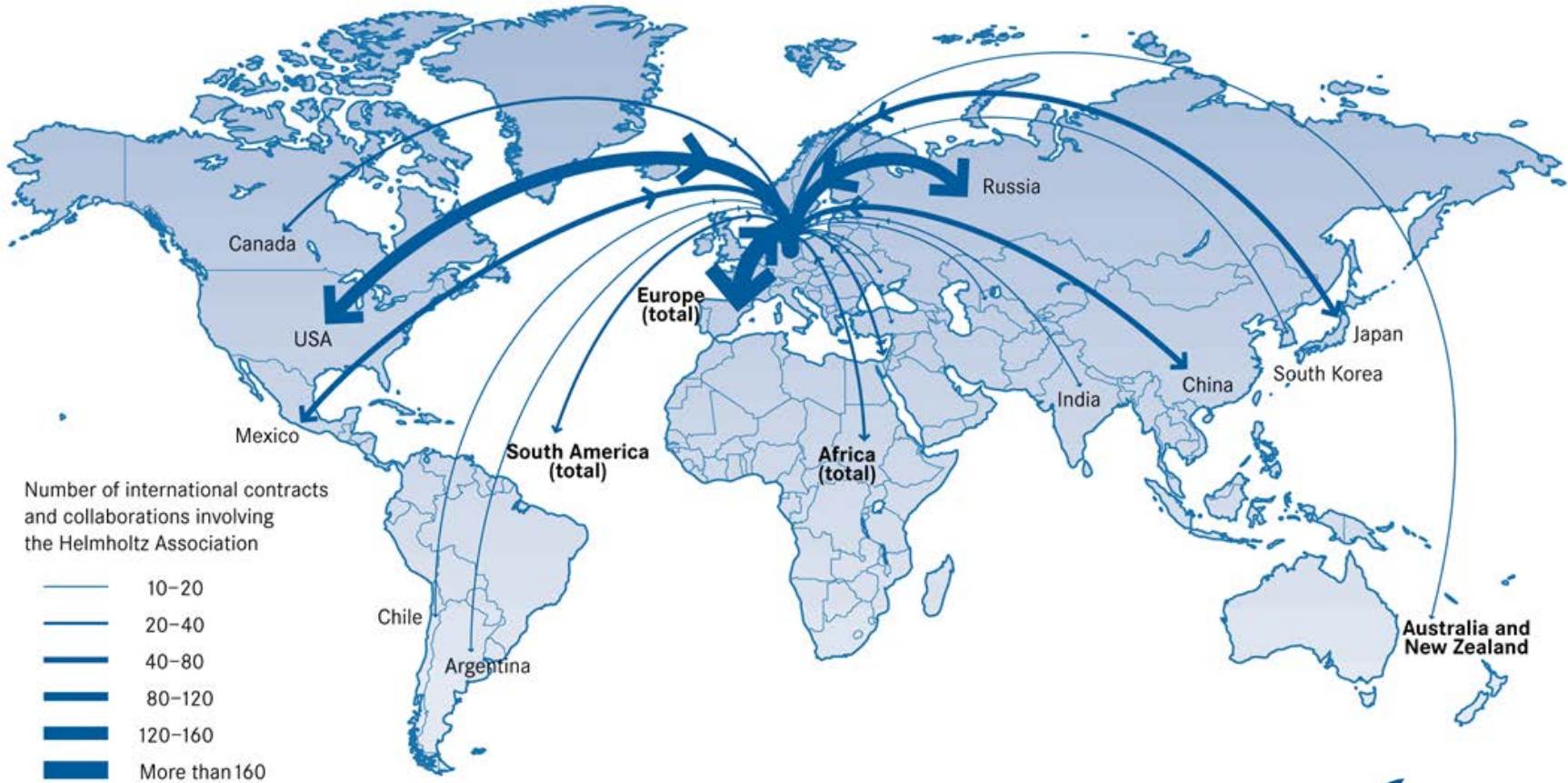
AERONAUTICS,
SPACE AND
TRANSPORT



KEY TECHNOLOGIES

Helmholtz International

International contracts and collaborations involving the Helmholtz Association (worldwide)



Helmholtz International

- New large-scale facilities with international participation (e.g. XFEL, FAIR, Wendelstein7-X)
- Participation in international projects (e.g. ITER)
- Binational programs
- **3** Liaison offices in Brussels, Moscow, Beijing
- Bilateral partnerships around the world
- **7,500** foreign scientists at Helmholtz Centers

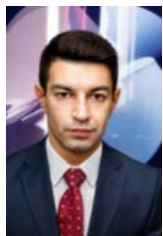
TEAM MOSCOW OFFICE



- Elena Eremenko, Head of the office



- Yulia Gurkina, Assistant



- Aleksei Shipilov, PR and Project coordination

FLAGSHIP PROJECTS



- Facility for Antiproton and Ion Research in Darmstadt: GE and RU are the biggest concession partners, over 200 Mio Euro. FAIR RUSSIA RESEARCH CENTER



- The European X-Ray Free-Electron Laser in Hamburg. RU contribution over 300 Mio Euro. Summer school RACIRI

Funding programs for international cooperation, recruitment and recognition

- Helmholtz International Fellow Award
- Helmholtz-RSF Joint Research Groups
- ERC Recognition Award
- International Research Schools
- International Helmholtz Professorships for Women
- Young Investigator Groups

- **NEW:** International Labs + European Partnering

HELMHOLTZ-WINTERGESPRÄCHE



- Annual event
- A strategic platform for exchanging opinions
- German and Russian representatives from science, education and politics
- Topic - Big Data Analytics
- Under the patronage of Mrs. Edelgard Bulmahn, Vice-President of the German Bundestag and Prof. Andrei Fursenko, Aid to the President of the Russian Federation for Science

SUMMER SCHOOL Sotchi, 16-22.10.2016



- Russian-German Summer school “Scientific collaboration – contribution to sustainable development” Helmholtz-Vernadsky foundation
- Topics: Climate change, biodiversity preservation and Arctic research
- 10 German and 10 Russian participants



SUMMER SCHOOL Repino, 21-28-.08.2016

- RACIRI Summer school „convergent science and technologie for society“
- Joint project of Russia, Germany and Sweden
- Well-known scientists, inventors and professors from leading universities



HELMHOLTZ-RSF JOINT RESEARCH GROUPS



- Calls for Papers: 2017, 2018, 2019
- Duration: 3 Jahre
- Topics 2017: Biomedicine and Big Data; 2018: Climate Research, Energy Storage and Grid Integration; 2019: Materials and emerging technologies, Structure and Dynamics of Matter
- Applications until: 31. März 2017
- Funding: 09.2017-12.2019, 130.000€ (HGF)– 90.000 € (RSF) p.a.

SCIENCE LECTURE



- Harald zur Hausen
- Nobel Laureate in Medicine 2008
- “Infectious Nutritional Risk Factors for Cancers and Neurodegenerative Diseases”
- 26.04.2017, Moscow, Sechenov University

HELMHOLTZ PERSPEKTIVEN IN RUSSIAN



- For 3 years, current information and the latest developments from the Helmholtz Association for our Russian partners
- The most interesting articles from all the books are published in Russian.
- Distribution of the magazine at all events, shipping to partners, thereby increasing the awareness of the Helmholtz Association as a research organization

