



DFG

German Research Foundation - DFG

Mashhad, 12. September 2018

Dorothea Fendel



DFG



DFG

Projects

People

Mobility

DAAD



Alexander von Humboldt
Stiftung/Foundation

The German Research Foundation (DFG)

In short

Who we are:

- ▶ Central public funding organization for basic research in Germany
- ▶ A **self-governing body** of science and research
- ▶ **Member organization** (universities, academies, research organizations)
- ▶ The budget in 2017:
 - approx. **€ 3 billion** in direct research funding
- ▶ provided primarily by the federal government and the 16 German Länder



The German Research Foundation (DFG)

...and how we work

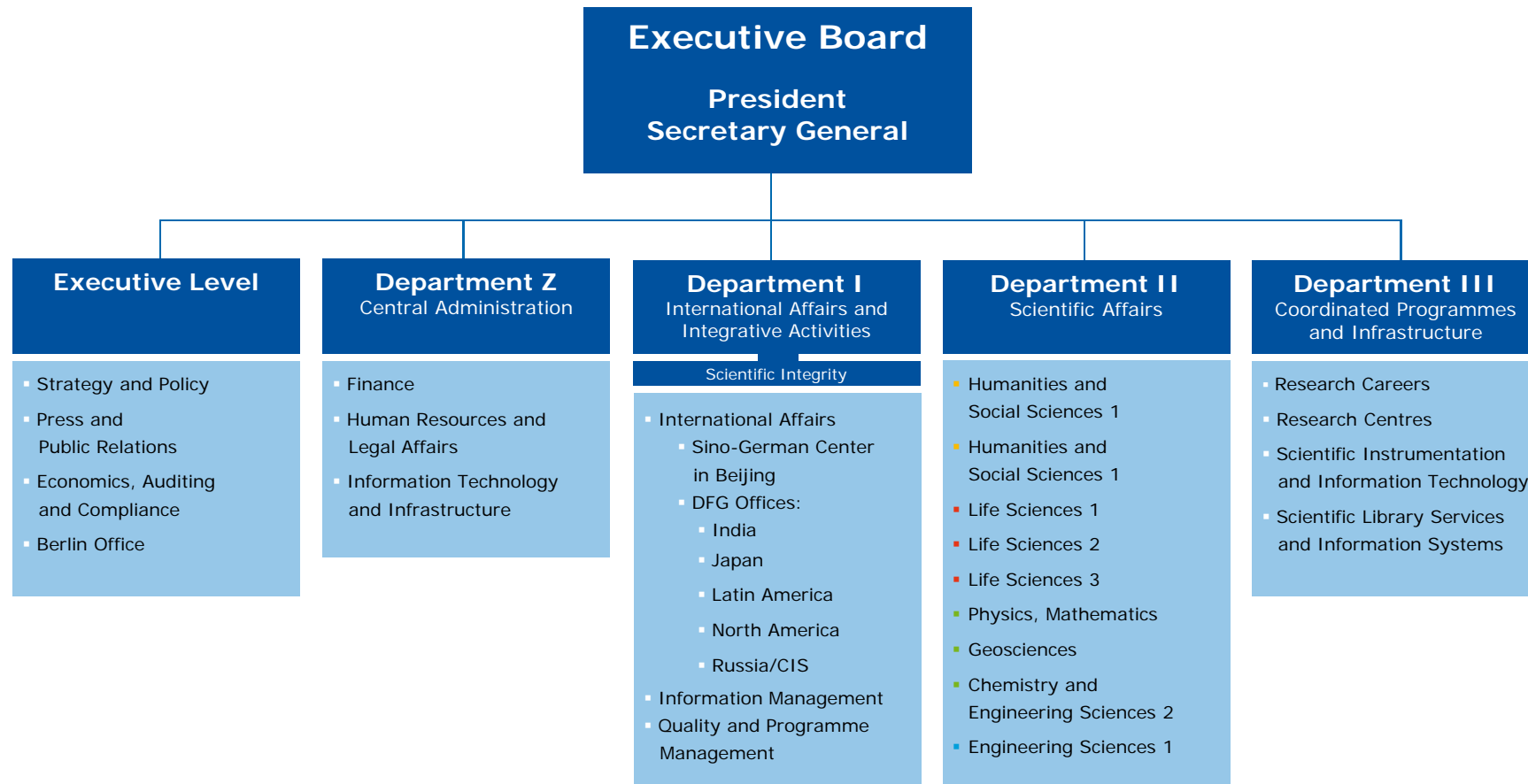
- DFG acts and funds **bottom up**
- **no thematic priorities** (rare exceptions)
- **no calls, no deadlines** (rare exceptions)
- no regional priorities
- **no political priorities**
- no political influence
- Funding only if institution agrees on ethical standards

- everything in competition
- everything in peer review



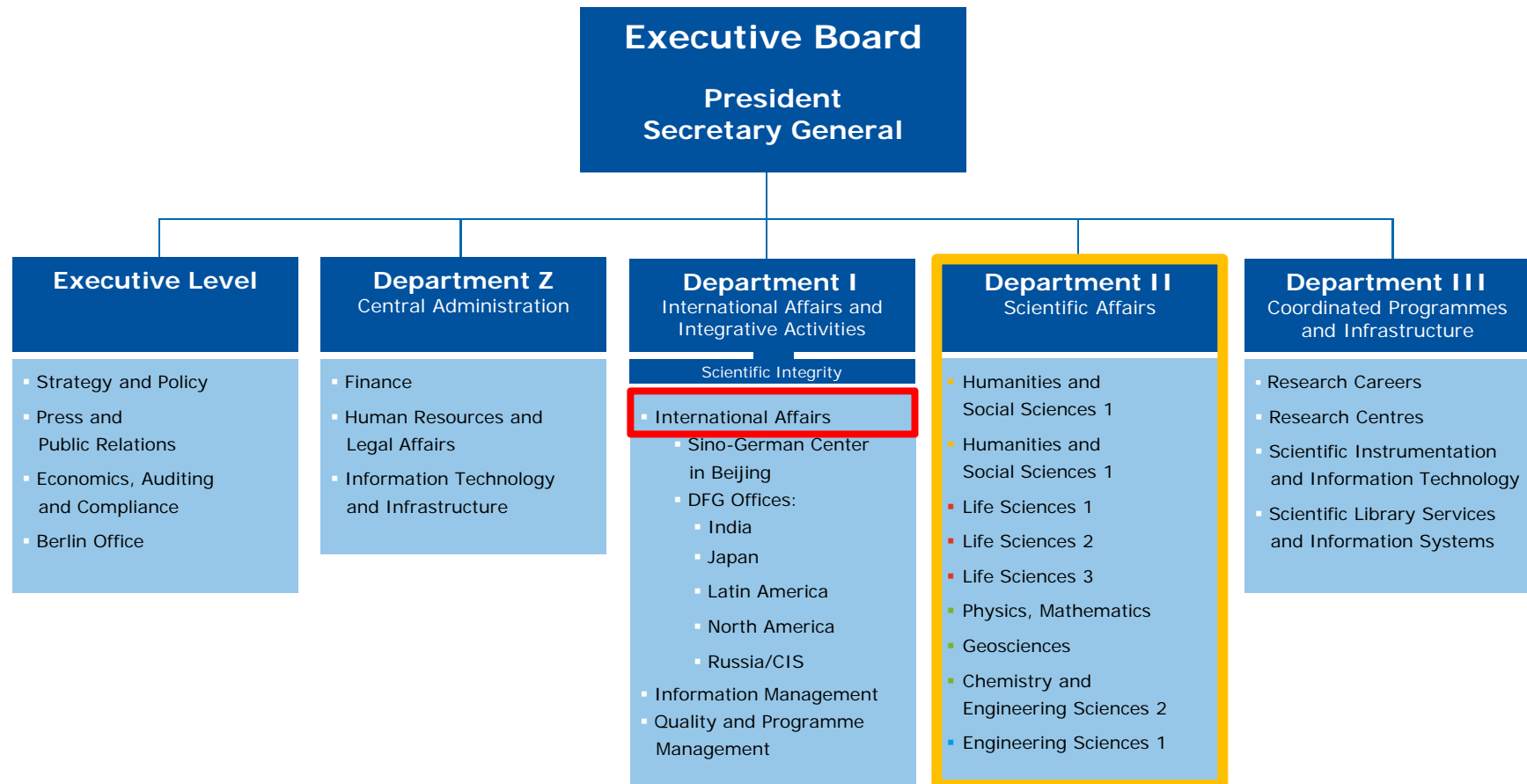
The German Research Foundation (DFG)

Structure and Organization



The German Research Foundation (DFG)

Structure and Organization



The German Research Foundation (DFG)

Who can apply?

Eligibility for DFG Funding

Researchers

- who have completed their scientific training (**doctorate**)
- from all disciplines
- of any age
- Working (!) in German research institutions



The German Research Foundation (DFG)

DFG's funding criteria

DFG reviewers evaluate proposals based on

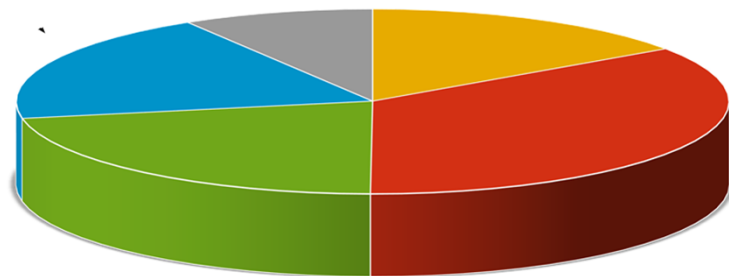
- ▶ projects' scientific merit
- ▶ applicants' qualifications
- ▶ goals and work program
- ▶ proposed use of funding
- ▶ quality and added value of the cooperation



- ▶ everything in competition
- ▶ everything in peer review

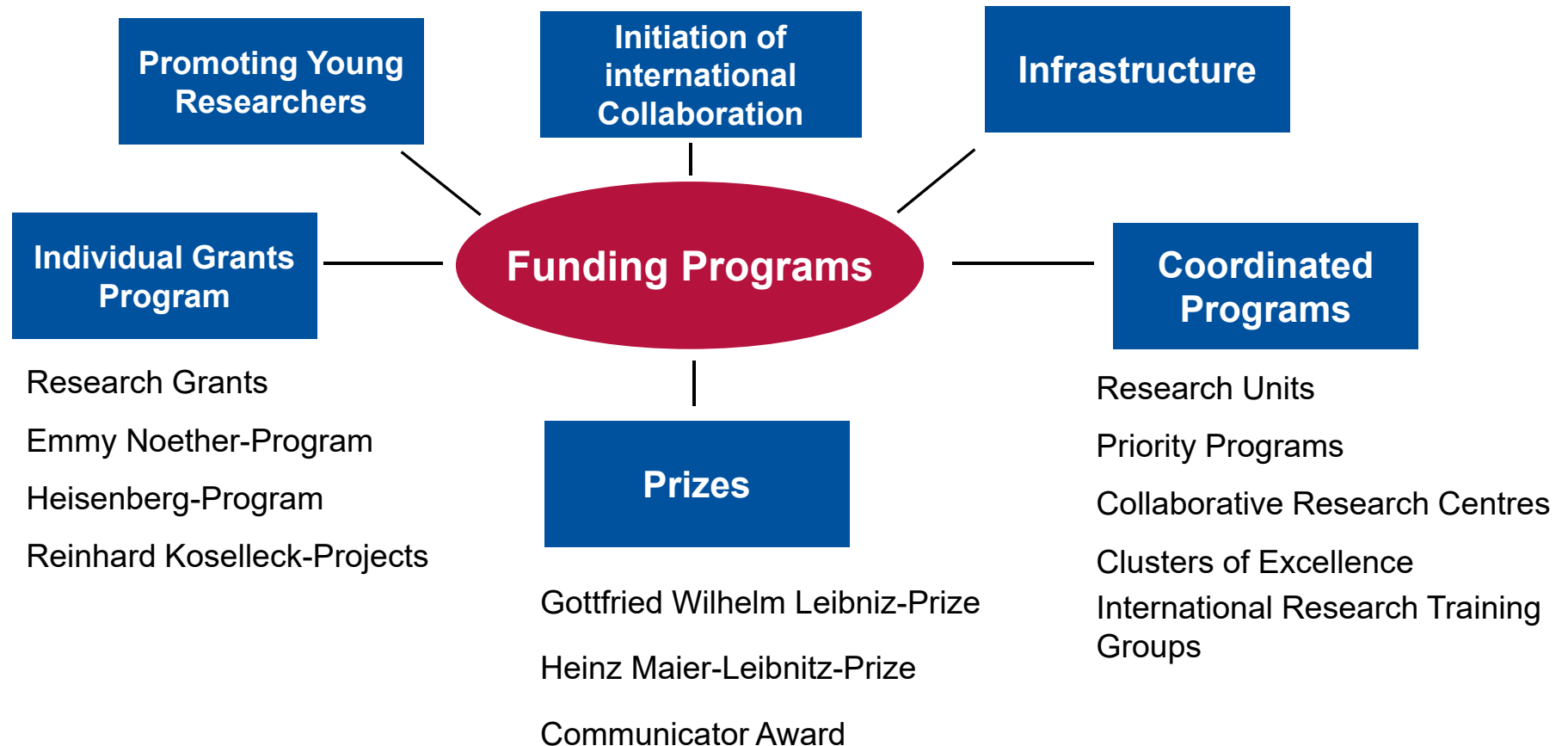
The German Research Foundation

Funding per Field in 2016

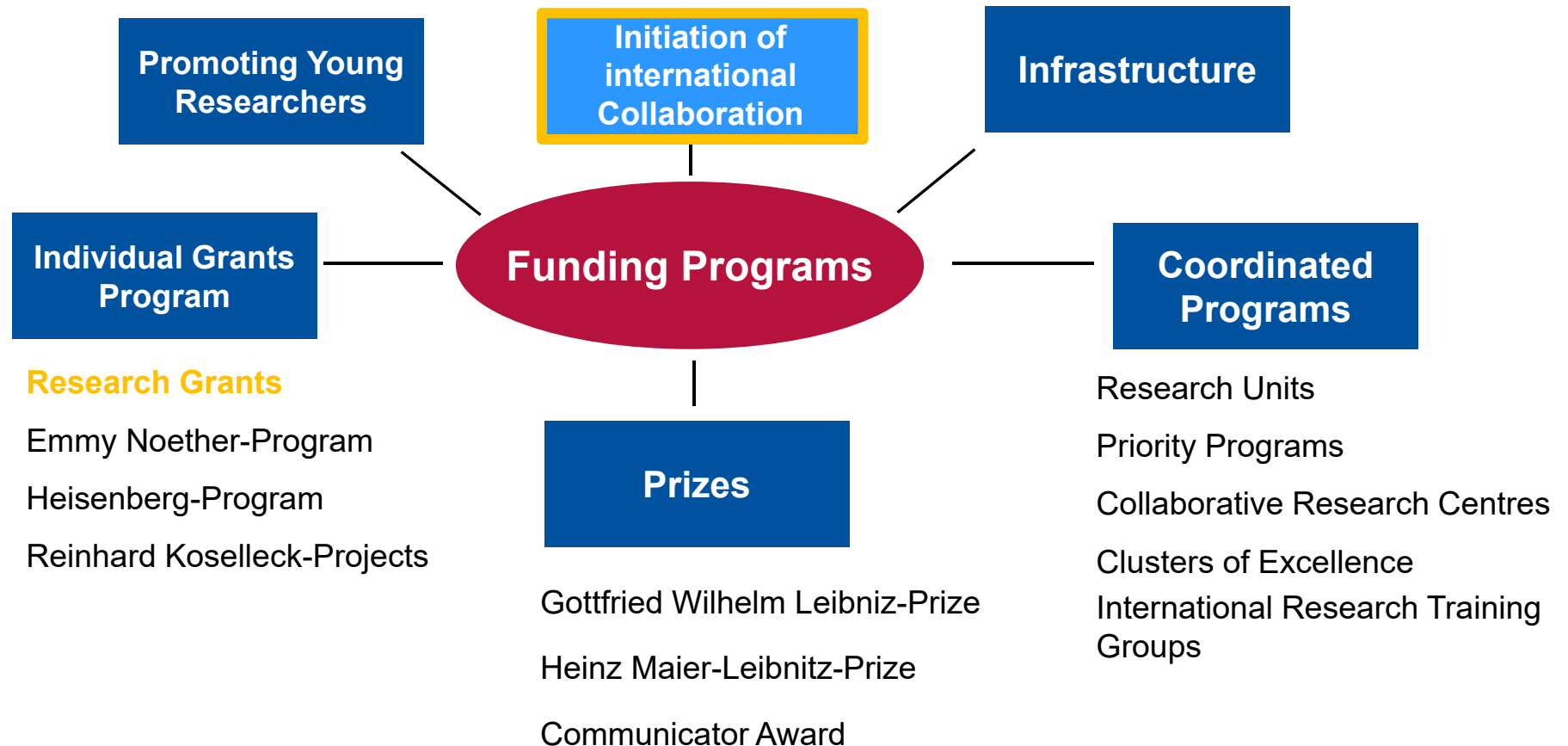


	Million €	%
Humanities and Social Sciences	468	15,4
Life Sciences	1.052,5	34,7
Natural Sciences	664,8	21,9
Engineering Sciences	584,5	19,3
Interdisciplinary	263,1	8,7

The German Research Foundation (DFG) Funding Portfolio



The German Research Foundation (DFG) Funding Portfolio



Funding of International Cooperation

All DFG funding programs generally allow the integration of **international components**

DFG support for projects with international partners is generally based on the principle of **mutual responsibility**. Researchers working in Germany apply to the DFG, while their partners abroad apply for funding at their respective partner organizations.

- ▶ Funding for the Initiation of International Collaboration
- ▶ Research Grants



Funding of International Cooperation

Initiation of International Collaboration

Initiation of International Collaboration

- **Mobility funding** to get to know each other
- establish mutual trust and understanding
- and to **prepare a joint project proposal**

Modules

- **Workshops** in Germany or abroad
- **Short individual visits** in Germany or abroad
- **Visits up to three months** in Germany or abroad



Funding of International Cooperation

Initiation of International Collaboration

Funding can include

- Travel costs and daily allowance for travelling to e.g. Iran
- Travel costs and daily allowance for guests in Germany
- Travel costs and daily allowance for needed specialist(s) from third country

Funding is available for a **maximum of 1 year**

Application by the **German partner university**

- Very lean and easy proposal
- Partner in Germany can cover all costs for international partners

Funding of International Cooperation Research Grant

Research Grant

Purpose

To carry out a thematically defined research project within a specific time frame

Duration

Project-specific (usually three years)



Funding of International Cooperations

Research Grant

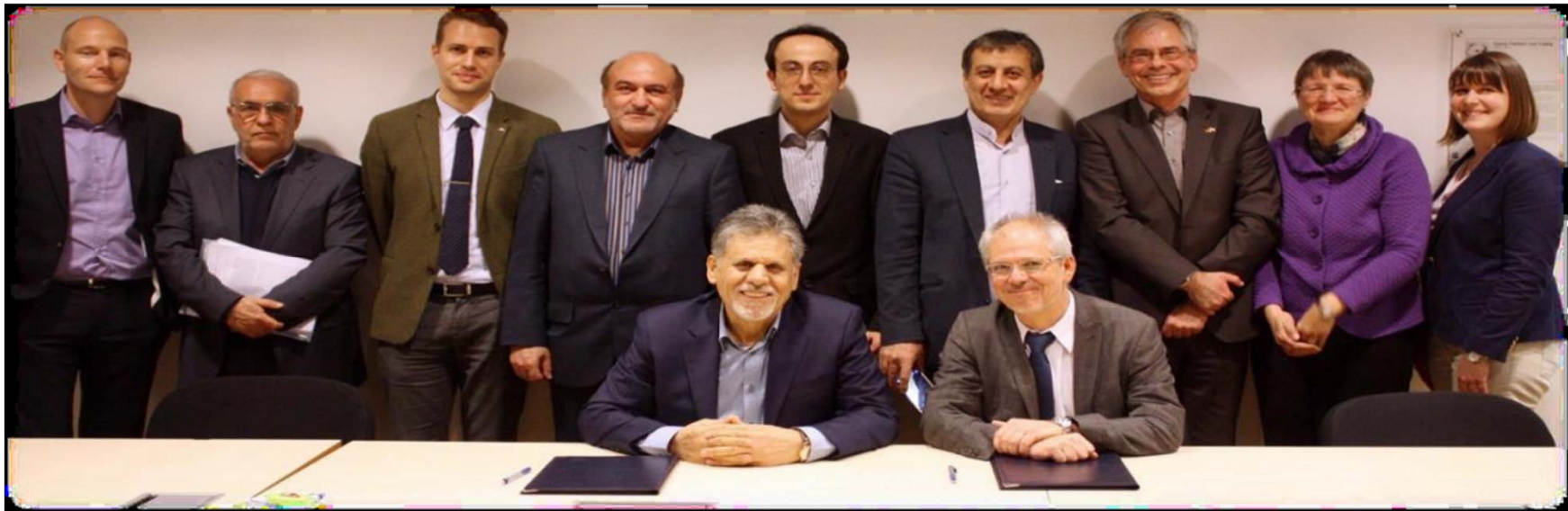
Funding for...

- **Staff:** PhD-students, post-docs; non-permanent staff
- funding for **direct project costs**
- **Mobility:** Travel allowances
- Consumables, scientific instrumentation
- other items such as **publications**, trial-related expenses, PR activities

Does it work?
We make it work!

► DFG Cooperation with Iranian Funding Agencies

- INSF 2016
- ICHTO 2017
- NIMAD 2018



January 2016: Prof. Zargham–Prof. Allgöwer, signing INSF-DFG MoU

Does it work? DFG-INSF funding

**Proposal
submitted to
DFG (both
partners)**

**Decision about
Review and
Funding Procedure
at DFG**

**Funding by
both**

**DFG and
INSF**

Funding by DFG
- Initiation
Funding
- Research
Grant

Does it work?

DFG funded German-Iranian Projects since 2015

German-Iranian Projects since 2015

- 21 Initiation of International Collaboration
- 7 Research Grants

	Initiation	Research Grants
Humanities and Social Sciences	1	3
Life Sciences	3	2
Natural Sciences	9	1
Engineering Sciences	8	1
	21	7

Does it work?

Initiation Funding and Research Grants*

- Performance and Stability
Improvement of Contra-Rotating Fans
 - Response of coastal and pelagic marine ecosystems to environmental stressors in the Persian Gulf
- From water to land: the ontogeny of Persian mudskippers*
 - The pre-modern dialect of Shiraz in the poetry of Shams, son of Nasir, from Shiraz (d. 1362 C. E.): text edition, grammar, and dialectology *
- Relationship between slow oscillation slope and memory consolidation during sleep – impact of weak electric stimulation
 - Philosophy of Education between Philosophy and Pedagogy in a German-Iranian Context
- Towards sustainable smart regions in Iran via decentralized usage of renewable energy.
- Hybrid systems for optics, electronics and photonics

How to find a research Partner



How to find a research partner

Research Explorer (ReX)

Interactive map of the German research landscape: www.research-explorer.de

Research Explorer - The German research directory

The German research directory contains information on over 25,000 university and non-university research institutes in Germany.

Find research institutes at German universities and non-university research institutions, searchable by geographic location, subject and other structural criteria.

Research Explorer
Over 25,000 institutes

Town	Institutions
Greifswald	5
Großbeeren	2
Görlitz	1
Göttingen	28
Hagen	7
Halle (Saale)	27
Hamburg	79
Hannover	42
Heide	1
Heidelberg	33
Heilbronn	2
Herford	1
Hildesheim	4
Hof	1
Höxter	1
Idstein	2
Ilmenau	7
Inowlstadt	1
Iserlohn	5

Advanced search for research institutions in Germany

The advanced search allows you to find research institutions and research organisations in Germany using a wide variety of search criteria.

Please choose some criteria:

Facility Name

Subject Group

Research area

Subject Area (optional)

Type of Facility

Only institutions that offer a doctoral programme

Federal state

or Town

more information

You may also use the geographical search to select a research location from a map or list. The subject-area search allows you to choose additional criteria. For more information on researching, please refer to Tips and Advice.

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How to find a research partner GEPRIS



Online database on current DFG-funded projects: www.gepris.dfg.de

DFG Deutsche Forschungsgemeinschaft

GEPRIS
Geförderte Projekte der DFG

Search Catalogue People Index Location Index About GEPRIS

Welcome to GEPRIS

GEPRIS (German Project Information System) is an online database made available by the DFG to provide information on current DFG-funded research projects. Please note that to date, project information is available mainly in the German language.

Search

Direct search

Projects People Institutions

Your search keyword Find

→ My Last Queries → Advanced Search

Catalogue

Use the catalogue to get an overview of existing projects. There are three filter groups: Subject Areas, Region, Funding.

→ to Catalogue

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Search → Search Tips

Projects People **Institutions**

Keyword(s):
Your search keyword Find only projects with final report data

Hide extended search

Person: Last and/or First Name

Location / Region: All Locations / Regions

Subject Area: All reviewboards

DFG Programme

Programme Group: All

Programme: All

Programme line: All

Only Transfer Projects:

Funding

Show subprojects:

Status: All

Start of Funding:

Funded in:

International

Continent: All C continents

Subcontinent: All Subcontinents



Contact

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Head of International Affairs

Japan, Iran

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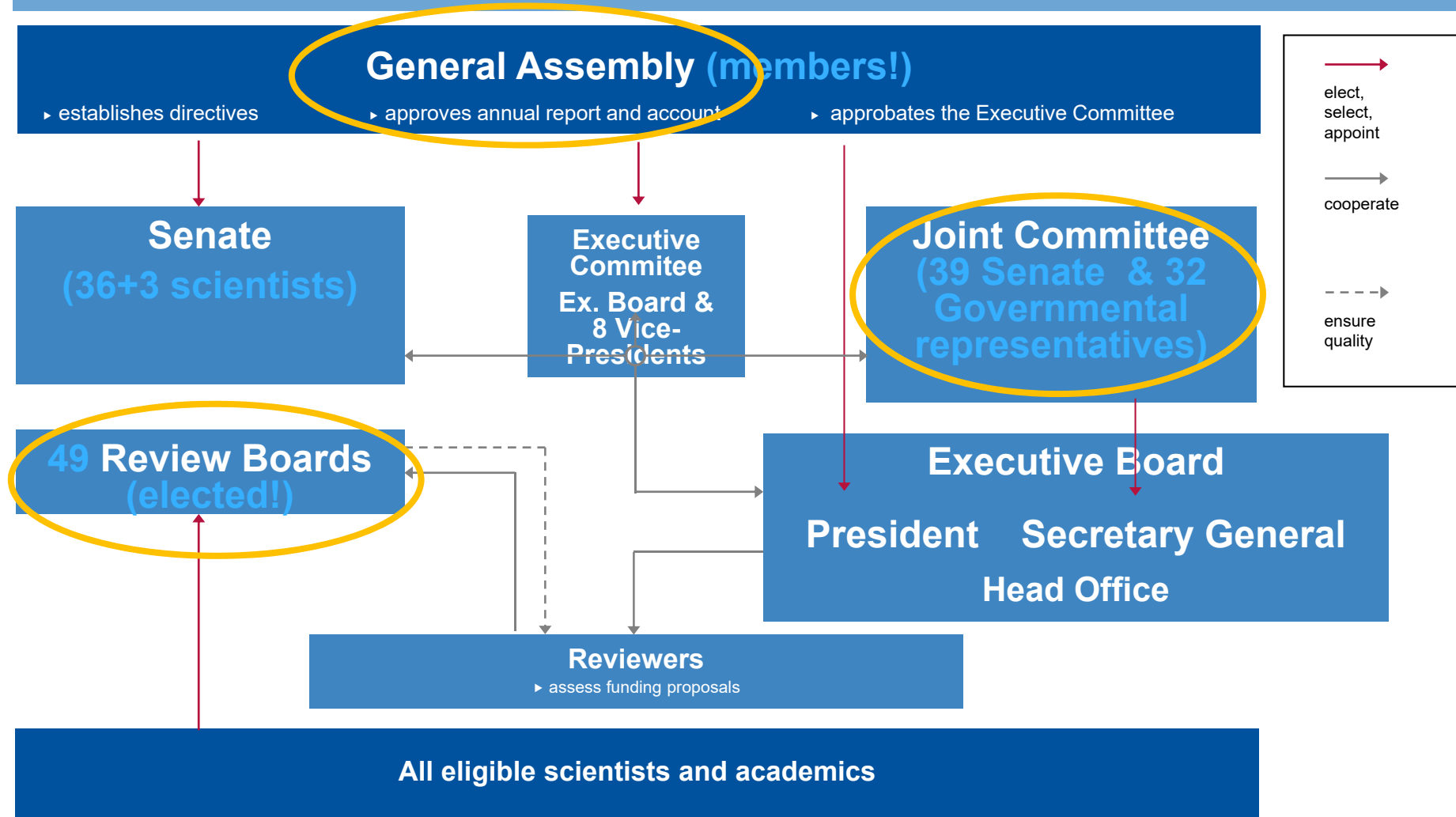
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The German Research Foundation (DFG) Structure and Organization



Funding of International Cooperation

Research Training Groups

Research Training Groups

- ▶ aims (mainly) at the **doctoral phase**
- ▶ builds on an **innovative and focused research programme** as framework for excellent thesis projects
- ▶ enhances and expands **doctoral researchers' competencies** by a structured qualification programme
- ▶ installs transparent and structured **supervision**
- instead of mere “apprenticeship”
- ▶ encourages **interdisciplinarity**
- ▶ promotes and supports **international cooperation**

Funding International Cooperation

International Research Training Groups

International Research Training Groups:
symmetric international collaboration in Research Training!

Set-Up:

- ▶ **bilateral programme** - two sites
- ▶ **5-10 PIs and 10-15 doctoral students** on each side
- ▶ Added value through **complementarity of expertise and resources**
- ▶ systematic cooperation on **three levels**
Research - Qualification Programme - Supervision
- ▶ Reciprocal **research stays** of PhD students (~6-12 months)
- ▶ **complementary funding** required

