



The German Study and Research Landscape and Funding Opportunities





The German ic Exchange Service (DAAD) is ...

A self-governing organisation of German universities:

- 239 member universities
- 122 student bodies





Branch Offices and Information Centres





Iran – Cooperation in the wake of sanctions



Reopening of Information Centre in Tehran

- Three German language assignments in Teheran and Isfahan
- Both number and qualification of Iranian scholarship holders highest in the MENA region
- German universities highly interested in exchange with Iran
- DAAD president and high-ranking delegation of University rectors pays official visit to Iran in 2014





Goals and tasks of the DAAD

Three strategic areas of activity

SCHOLARSHIPS FOR THE BEST

Grant scholarships to the best

- so that the professionals and leaders of tomorrow can gain qualifications at the best locations, prepare for positions of responsibility and cultivate contacts throughout the world.

STRUCTURES FOR INTERNATIONALISATION

Create structures that promote internationalisation

- so that higher education institutions can improve the quality of research and instruction and address the challenges of the future with strong partners.
- so that more people can cross borders and achieve success in study and research.
- so that German remains an important language of culture and scholarship.
- so that higher education institutions may contribute to development and build bridges to surmount conflicts.

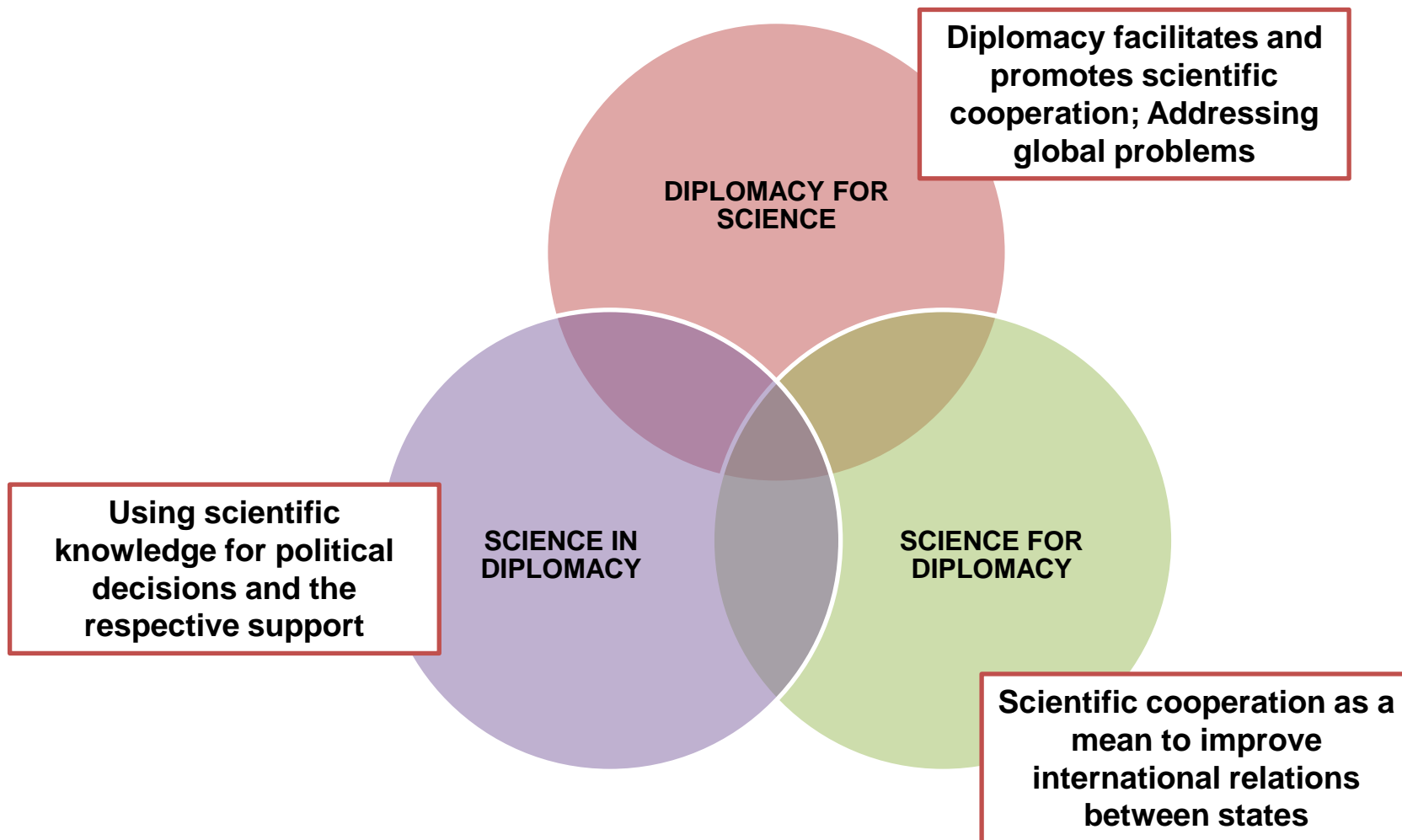
EXPERTISE FOR ACADEMIC COLLABORATION

Offer expertise for academic collaboration

- so that academic and political leaders are able to make well-informed policy decisions.



Dimensions of Science Diplomacy





FM Steinmeier at Tehran University



کوه به کوه نمی‌رسد، آدم به آدم می‌رسد
“Mountains don't meet, but people do.”



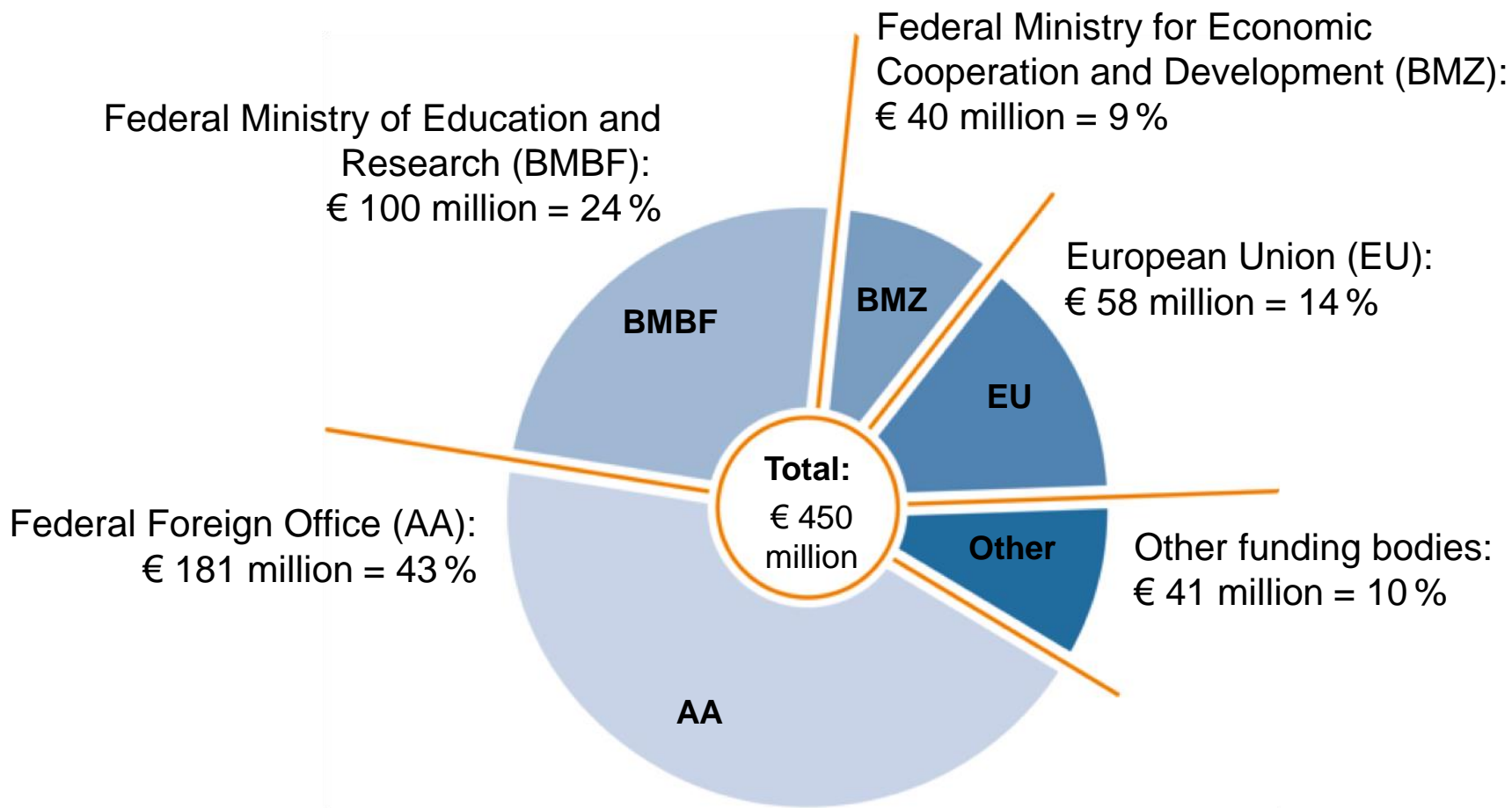


Opening of Iranian Liaison Office in Bonn (May 2017)





Budget 2015



*Figures: 2013



Scholarships and Grants for the Best

Supporting students, researchers and artists in both directions

1,040,000

Germans have seen
the world



790,000

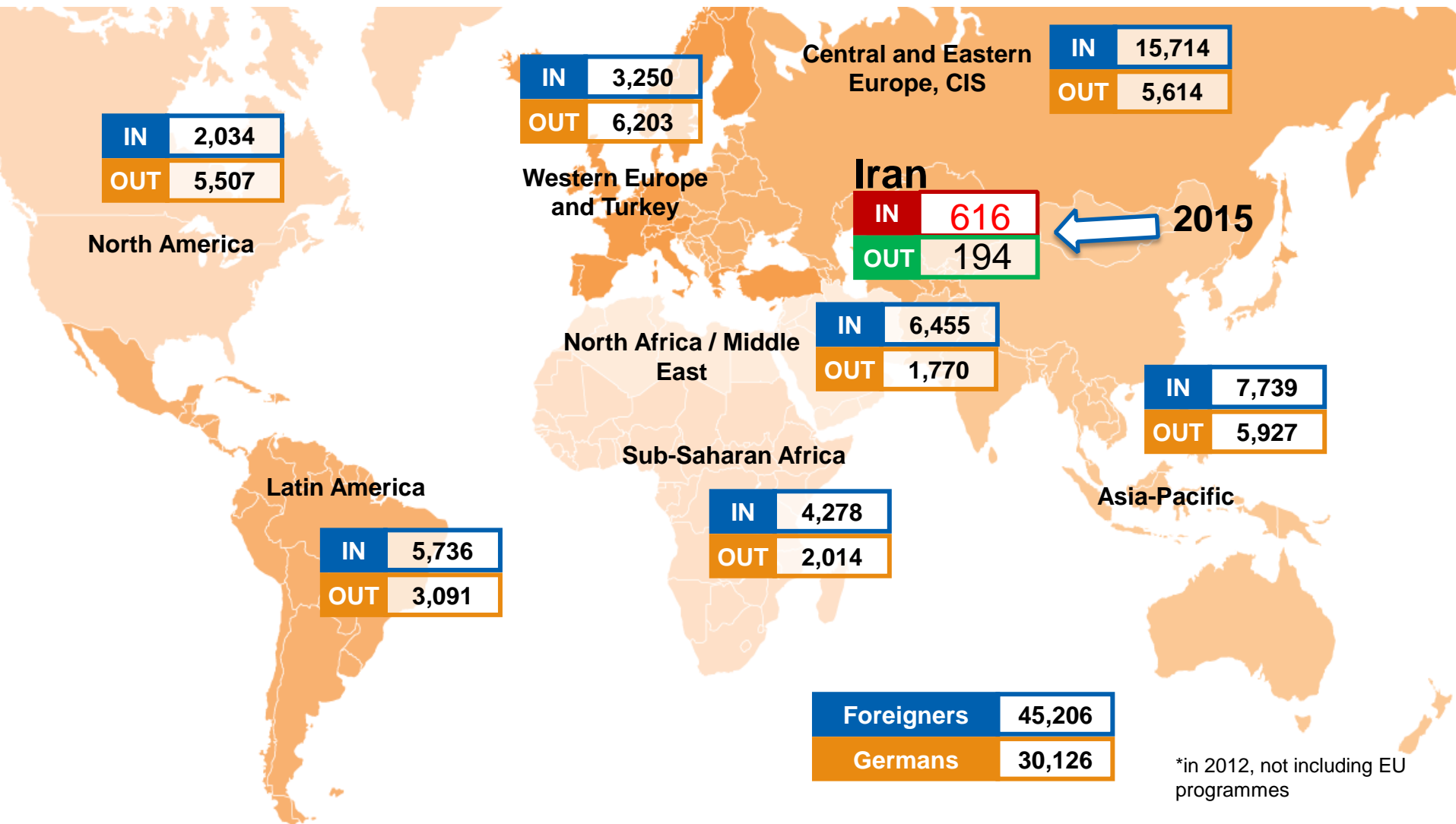
foreigners have come
to Germany



(1950 – 2012)




Origins and destinations of DAAD scholarship holders *



A photograph of a modern, multi-story building with a curved facade and large windows. Three tall flagpoles in the foreground hold white flags with the Fraunhofer ISE logo. The sky is clear blue. A semi-transparent grey banner is overlaid across the middle of the image, containing the title text.

Facts | Structures | Financing

Research in Germany

 **Fraunhofer**
ISE

Fraunhofer - Institut für Solare Energiesysteme ISE



Research in Germany – Facts and Figures



Almost 1,000 publicly funded research institutions



Research expenditures: 84 bn euros = 2.88% GDP



604,000 people in the R&D sector

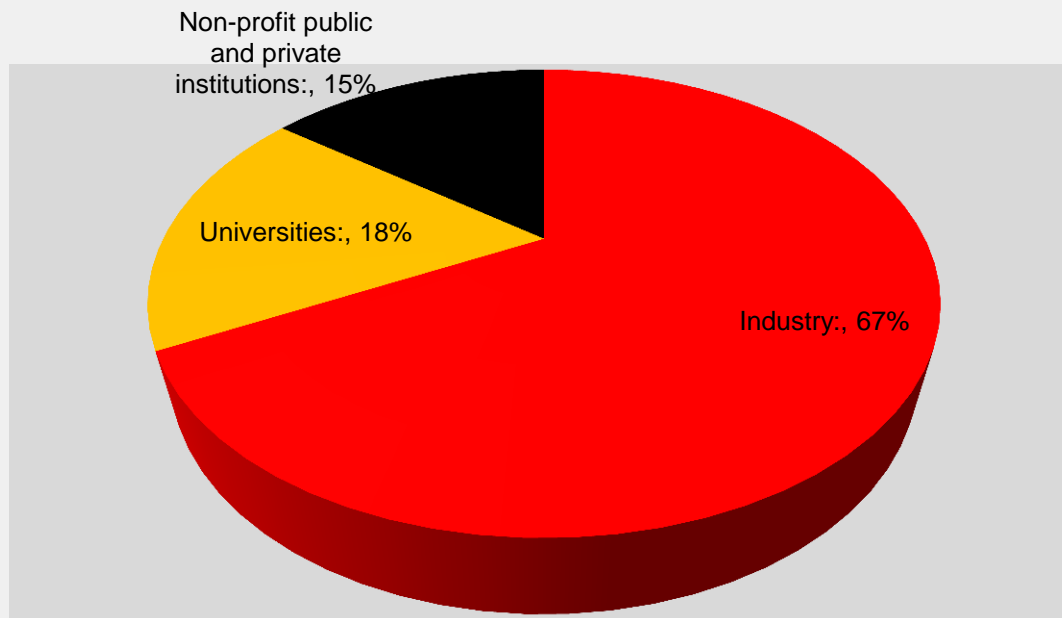


Bilateral, European and multilateral cooperation with more than 151 countries

Figures from
2014



Research expenditures by sector



Research expenditures by sector in 2014 (%)

Source: Federal Statistical Office



Pillars of the German research sector

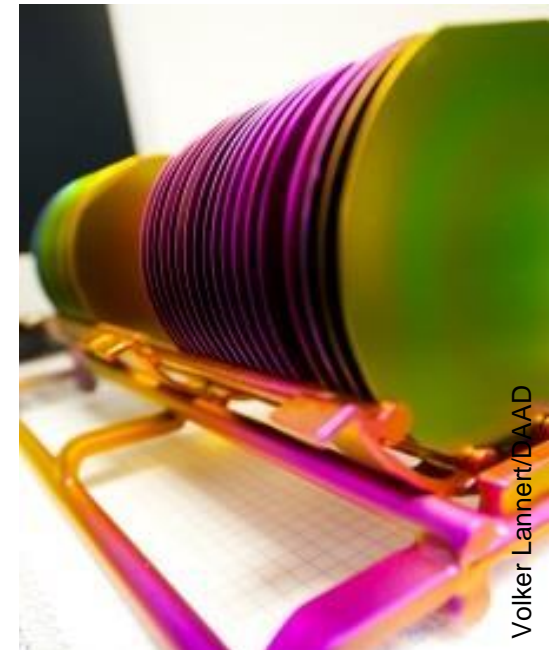
Universities (HEIs)



Non-university research institutes



Industrial research

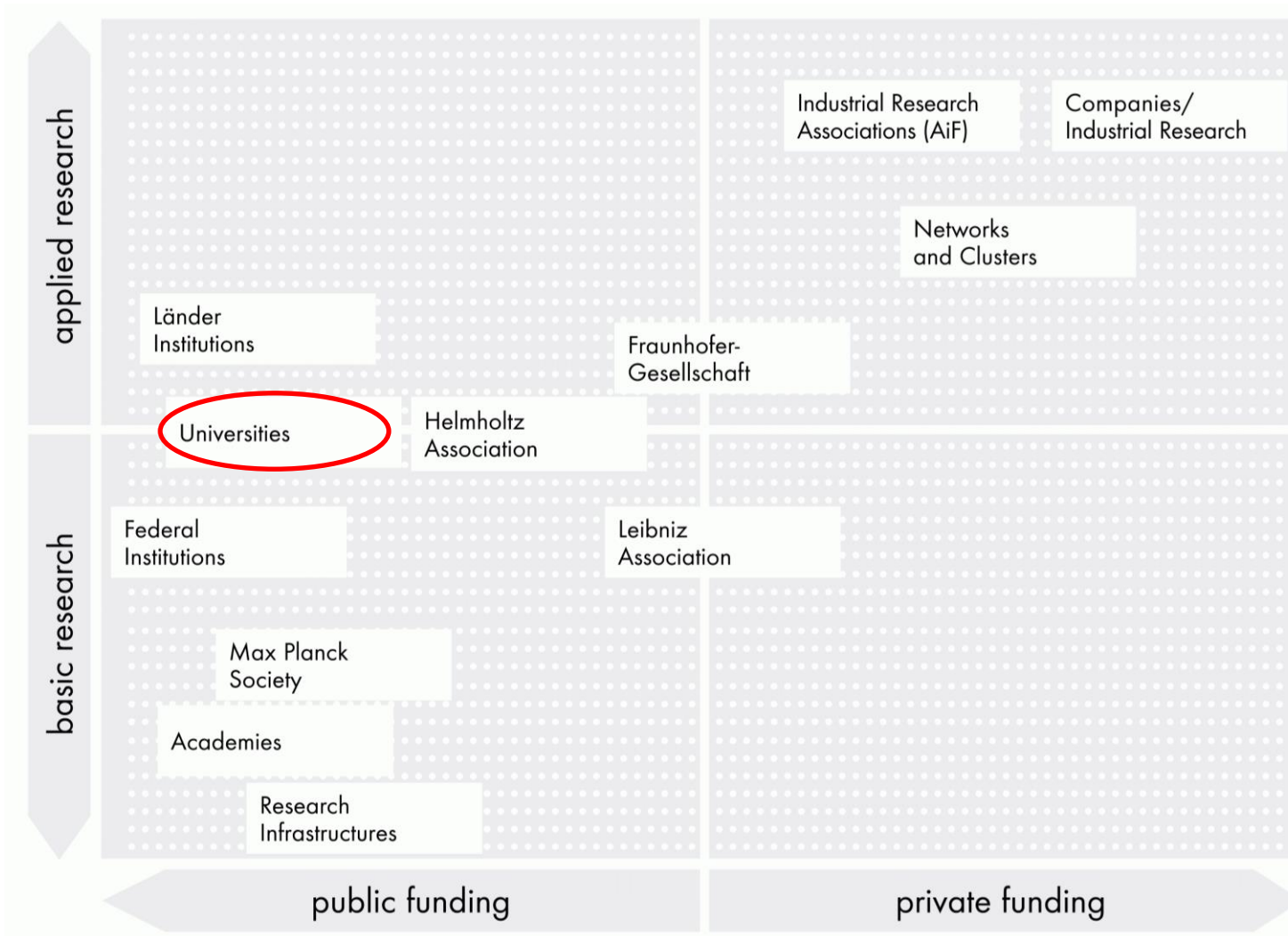


A close-up photograph of a female scientist wearing safety goggles and a white lab coat. She is holding a clear plastic multi-well plate with both hands, looking intently at the contents. The plate contains a grid of small wells, each containing a green liquid sample. The background is dark and out of focus, showing some laboratory equipment.

Diversity | Excellence | Investments
Research institutions



Participants



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adaptation: Frankfurter Societäts-Medien GmbH



HE Institutions



- Universities
- Technical universities
- Universities of applied sciences
- Colleges of music, art and film
- Private colleges and academies



Nationaler Kodex für
das Ausländerstudium
an deutschen Hochschulen

National Code of Conduct
on Foreign Students
at German Universities



Universities

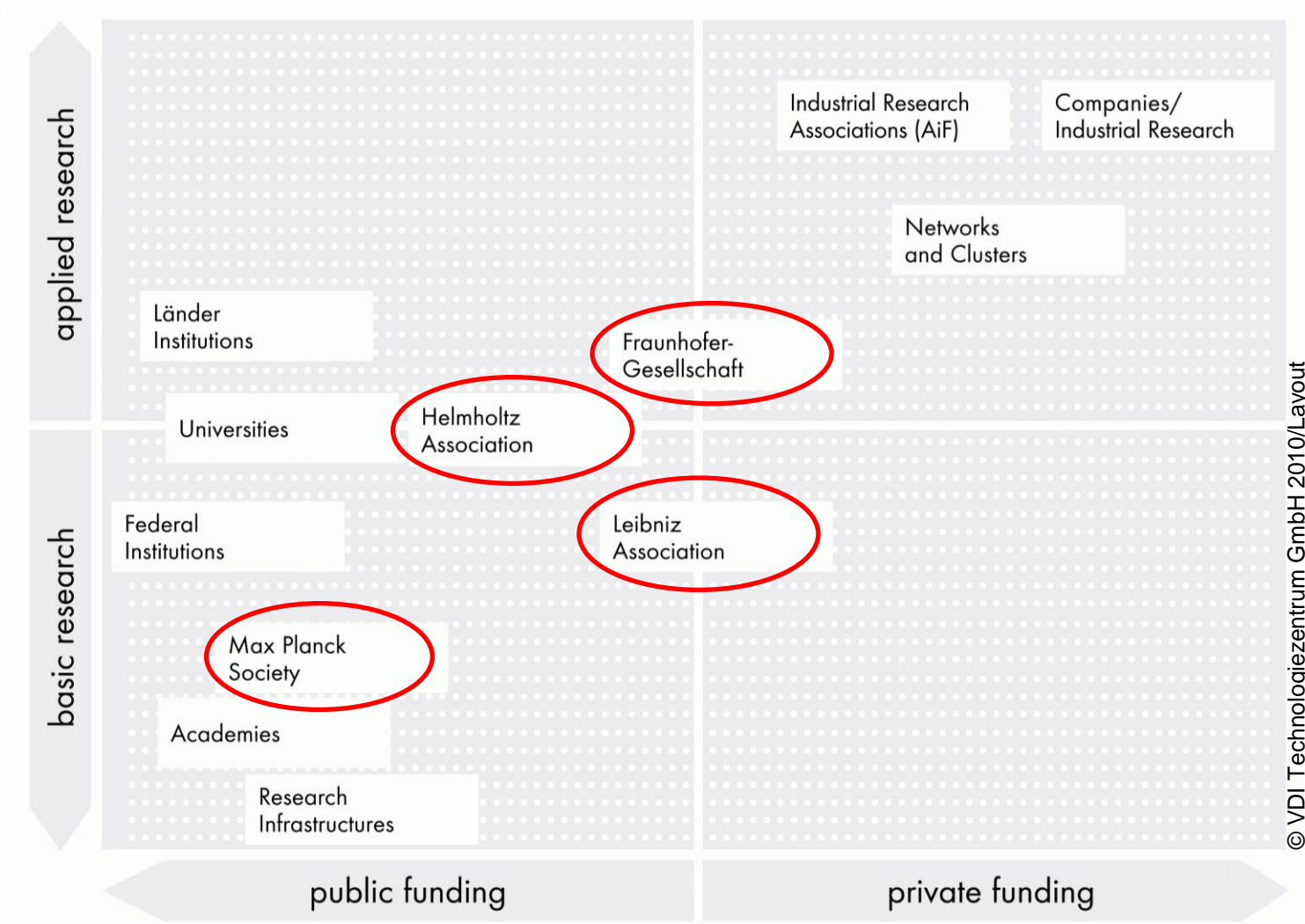
- Approx. 400 HEIs – 148 authorised to confer doctorates
-
- Almost 26,000 international doctoral candidates
-
- Principle of uniting learning, instruction and research
-
- Excellence Initiative = 4.6 bn euros for cutting-edge research



© Hüttermann/DAAD



Non-university research (I)



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adaptation: Frankfurter Societäts-Medien GmbH



The Big Four

Institution	Institutes	Budget	Researchers
Max Planck Society	83 institutes	2.2 bn euros	13,300
Helmholtz Association	18 research centres	4.24 bn euros	14,700
Fraunhofer-Gesellschaft	67 institutes	2.1 bn euros	24,000 (staff in total)
Leibniz Association	89 institutes	1.73 bn euros	9,300



 83 institutes

 2.1 bn euros

 13,300 researchers

 47% of the researchers are
of international origin

MAX PLANCK INSTITUT



Research for the future



MAX-PLANCK-GESELLSCHAFT

- Basic research in the natural sciences, life sciences, social sciences and the humanities
- Innovative research fields which are especially demanding in terms of funding or time requirements
- Person-centered research organisation
- 18 Nobel laureates





 89 institutes

 1.73 bn euros

 9,300 researchers

 23% of the junior researchers are of international origin



Theoria cum praxi

Science for the benefit and good of humanity



- Natural, engineering and environmental sciences, economics, spatial and social sciences and humanities
- Knowledge transfer to policy-makers, academia, business and the public
- Scientific infrastructure, research-based services
- Archives, museums, national libraries



 18 research centres

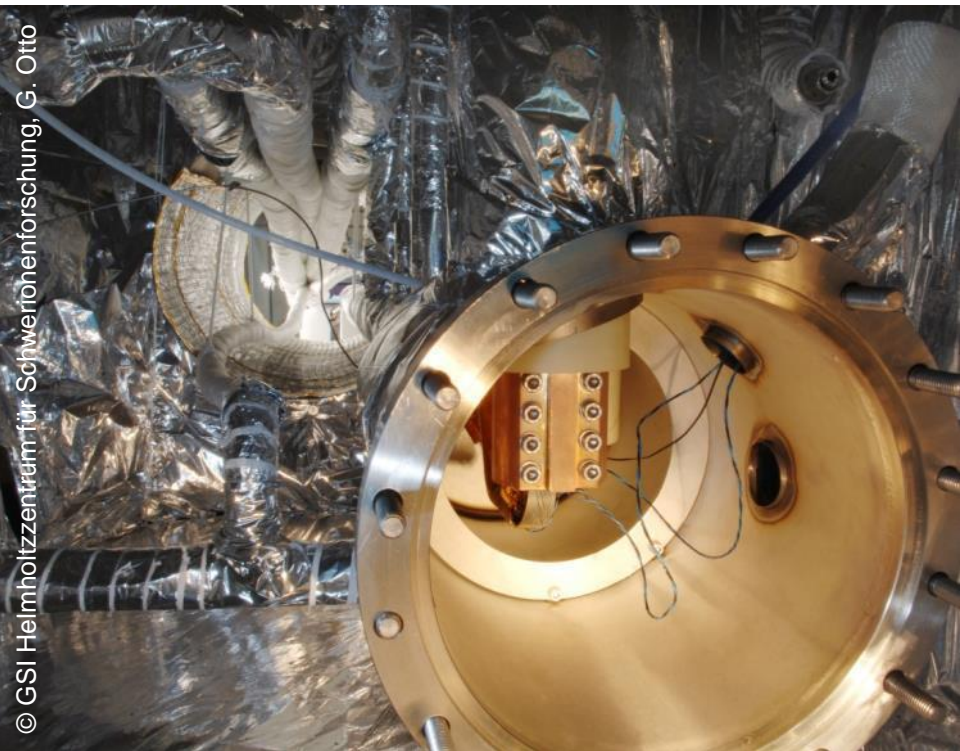
 4.24 bn euros

 14,700 researchers

 7,500 of the researchers are of international origin (2014)



Shaping the future with sustainable research



- Energy, earth and environment, health, key technologies, structure of matter, aeronautics, space and transport
- Research infrastructures
- Basic research with a focus on potential applications
- Applied research



 67 institutes

€ 2.1 bn euros

 24,000 staff (in total)





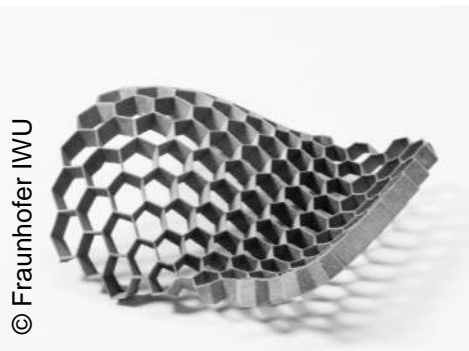
Research dedicated to the future



- Integration of scientific findings into useful innovations for industry and society
- Health, security, communication, mobility, energy and environment
- Contract research for industry and government (70%)



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© Fraunhofer IWU



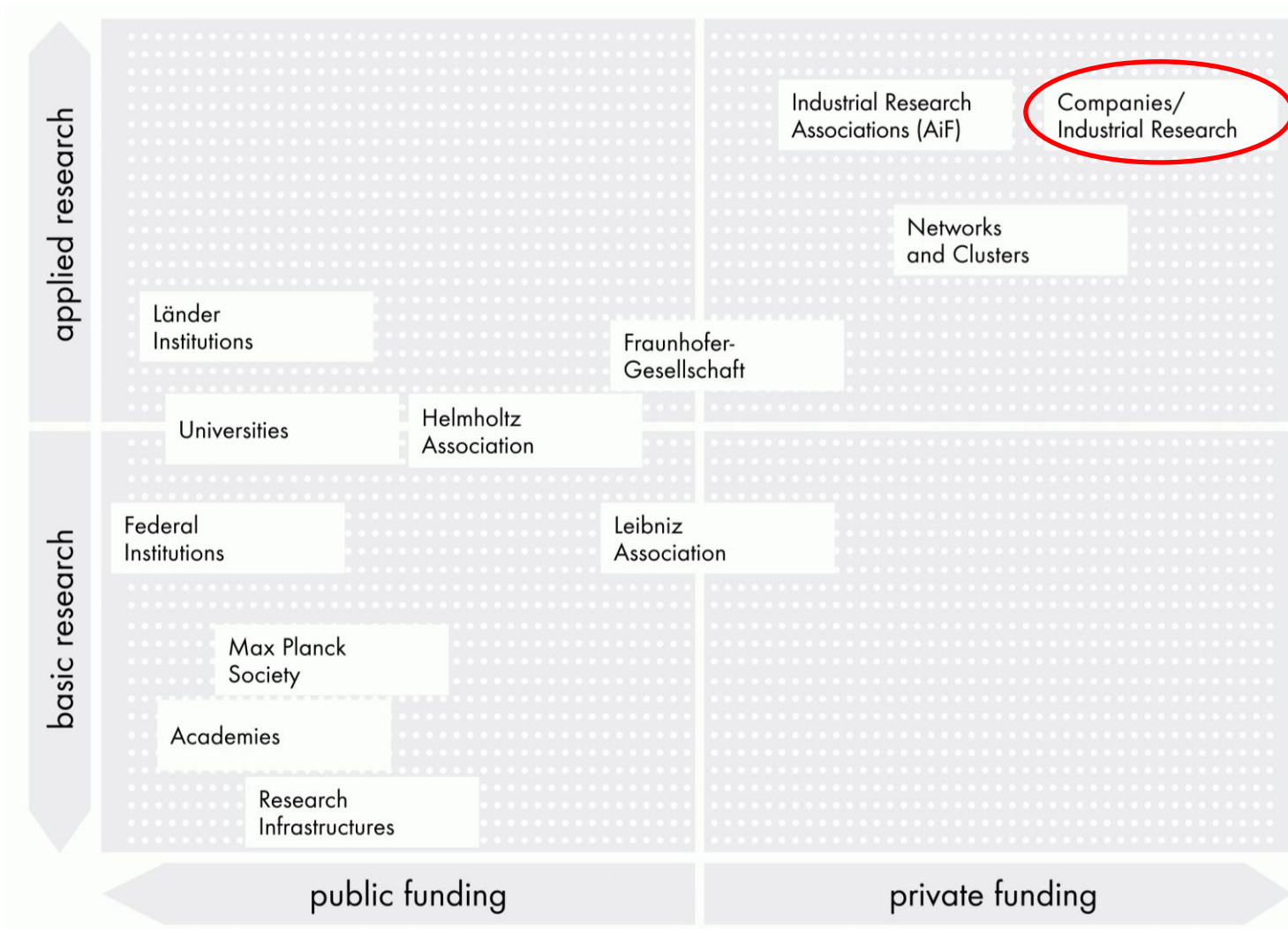
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© Fraunhofer



Industrial research



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Industrial research

- 66% of all research funding in Germany comes from business and industry
- Innovation-driving sectors: pharmaceuticals, electronics, automotive engineering, mechanical engineering
- Technology transfer – Cluster formation, networks





Germany – Driving innovation

- 10 German corporations are among the top 20 European innovation drivers

SIEMENS



BOSCH

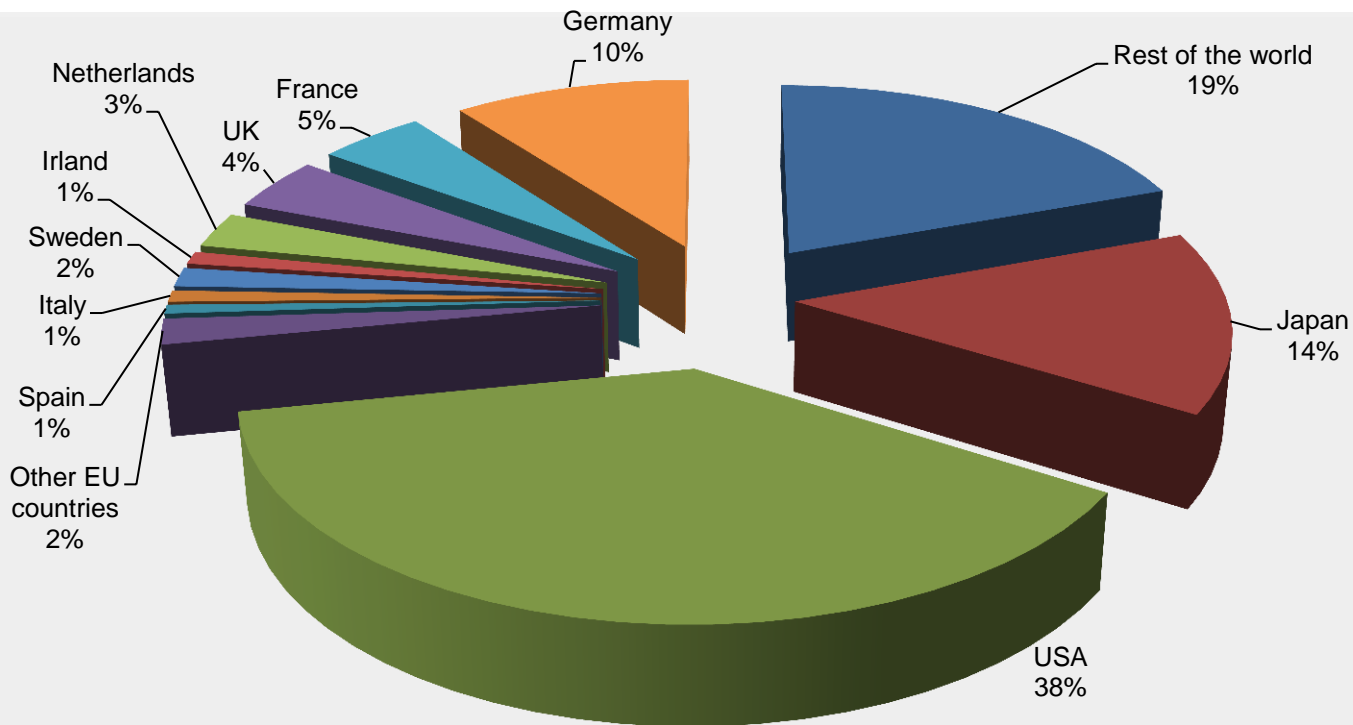


DAIMLER





Germany – Driving innovation



R&D investments of the top 2,500 companies in regions of the world (% of total 607.2 bn euros)
Source: *The 2015 EU Industrial R&D Investment Scoreboard*



Cooperation | Talent | Internationalisation
Tapping potentials



Internationalisation strategy

- Interconnecting activities of multiple research institutes
- Promoting foreign students and researchers
- Expanding international research cooperation
- Research marketing campaign “Research in Germany”
- Research collaboration with the best in the world





Funding Your Research in and with Germany



DAAD/VOLKER LANNERT



DAAD/VOLKER LANNERT



DEPOSITPHOTOS.COM/SERBISKOY



DAAD/VOLKER LANNERT



Paths to a PhD

Individual vs. structured PhD

Individual PhD

- Individual research under supervision of supervisor
- Optional courses or other forms of teaching / learning
- Mostly informal admission and marginal formalisation

Structured PhD

- Guidance by a team of supervisors / supervising committee
- Mandatory, fixed supporting curriculum (interdisciplinary)
- Defined application process
- Offered by research training groups / graduate schools



Financing your PhD

- No tuition fees
- Living costs: approx. 800 € (\$ 900) per month
- Can be self- or parent-financed (external funding)
- **Financed by the German supervisor or host institution**
- **Individual funding: research associate contracts (part-time)**
- **Apply for a scholarship**





Funding for international researchers

Different programmes for different purposes

Duration	Short-term research stay (up to 2 years)	Long-term research stay (more than 2 years)	Complete doctorate
Type of funding	Grant / scholarship fellowship / award	Work contract	Funding*
Type of doctorate/ position	Individual doctoral project / structured doctoral programme	Postdoctoral researcher / junior research group leader / junior professorship	Senior researcher / research group leader / professorship

*generally includes own salary and expenses for staff and consumables



Funding for PhD students

Individual funding

- Individual doctoral projects at universities
- Individual doctoral projects at non-university research institutes:
 - Fraunhofer Institutes
 - Helmholtz Centres
 - Leibniz Institutes
 - Max Planck Institutes
- DLR-DAAD Research Fellowships
- ...





Funding for PhD students

Graduate and research schools

- DFG Research Training Groups at universities
- Excellence Initiative Graduate Schools at universities
- DAAD-funded doctoral programmes at universities or non-university research institutes
- International Max Planck Research Schools (IMPRS)
- International Helmholtz Research Schools and Graduate Schools
- Leibniz Graduate Schools and ScienceCampi
- European programme: MSC Innovative Training Networks



Graduate schools

In Brief

Candidates earn a PhD as part of a structured doctoral programme

Who?

PhD students
Postdocs / Junior researchers

Duration?

3-4 years for PhD positions, otherwise dependent on the position

Value?

Work contract or scholarship



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www.dfg.de/en/excellence-initiative/gsc



Individual doctoral projects at Fraunhofer Institutes

- 🌻 In Brief** Doctorate at a Fraunhofer Institute
- 🌻 Who?** PhD students
- 🌻 Duration?** 3 years
- 🌻 Value?** Work contract



www.fraunhofer.de/en > Jobs / Career



International visiting researchers at Max Planck Institutes

In Brief

Independent research at a Max Planck Institute

Who?

PhD students
Postdocs / Junior researchers
Senior researchers

Duration?

PhD students: up to 6 months
Postdocs: up to 2 years

Value?

Grant + travel allowances



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www.mpg.de/jobboard



Leibniz Graduate Schools and Leibniz ScienceCampi

In Brief

Structured PhD programme either at a Leibniz Institute or a partner university



Who?

PhD students

Duration?

Scholarship: max. 3 years
Work contract: 2-3 years

Value?

Scholarship: 1,150-1,450 €/month
Work contract (usually part-time):
1,700-2,600 €/month

www.leibniz-association.eu > Careers



Research Training Groups

In Brief

Focused research programme as part of a DFG Research Training Group (*Graduiertenkolleg*)

Who?

PhD students
Postdocs / Junior researchers

Duration?

2-3 years

Value?

Work contract or scholarship

www.dfg.de/gk/en



The logo of the Deutsche Forschungsgemeinschaft (DFG), consisting of the letters 'DFG' in a bold, blue, sans-serif font.



Marie Skłodowska-Curie Innovative Training Networks

In Brief

Positions and structured doctoral training within Innovative Training Networks (formed jointly by different European institutions)



Who?

PhD students

Duration?

3-36 months

Value?

Work contract: 3,110 €/month + 600 € mobility allowance and 500 € family allowance (if applicable)

www.euraxess.de/en >Jobs



Green Talents

In Brief

Trips to leading German centres of environmental and sustainability research, followed by funded research stay



Who?

PhD students and postdocs / Junior researchers with a focus on sustainable development

Duration?

Two-week science forum in Germany, research stay of up to 3 months

Value?

Grant for a research trip and research stay

www.greentalents.de



Research grants – Doctoral programmes in Germany

In Brief

Doctoral project (individual or structured programme) at a state-run or state-recognised university or non-university research institute in Germany

DAAD

Who?

PhD students

Duration?

Up to 3 years

Value?

750–1,000 €/month + additional allowances

www.funding-guide.de

Research in
Germany

Land of Ideas



Research grants – One-year and short-term grants

In Brief

Research or training project at a state-run or state-recognised university or non-university research institute in Germany

DAAD

Who?

PhD students
Postdocs / Junior researchers

Duration?

One-year grants: 7–10 months
Short-term grants: 1–6 months

Value?

750–1,000 €/month + additional allowances

www.funding-guide.de

Research in
Germany

Land of Ideas



Research grants – Binationally supervised doctoral degrees

🌻 In Brief

Doctoral degree at home university with integrated research phases in Germany

🌻 Who?

PhD students

🌻 Duration?

Up to 2 years

🌻 Value?

Grant: 1,000 €/month + additional allowances during stay(s) in Germany



DAAD

www.funding-guide.de



Re-invitation programme for former scholarship holders

In Brief

Research and work projects at a state-run or state-recognised HEI or non-university research institute

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Who?

PhD students
Postdocs / Junior researchers
Senior researchers

Duration?

1-3 months

Value?

Fellowship: 2,000-2,150 €/month + travel allowances

www.funding-guide.de

Research in
Germany

Land of Ideas



German-Iranian Scholarship Programme (GISP) Coming soon!

In Brief

Focused research stay in Germany as part of a PhD programme at an Iranian HEI

Who?

PhD students

Duration?

6-9 months

Value?

1,000/1,200 EUR p.m.
scholarship

www.funding-guide.de



DAAD



ISLAMIC REPUBLIC OF IRAN
MINISTRY OF SCIENCE,
RESEARCH AND TECHNOLOGY

Funding for postdocs





Funding for postdocs

Different programmes for different purposes

Duration	Short-term (up to 1 year)	Long-term (more than 1 year)	
Type of funding	Fellowship / Grant	Work contract	Funding*
Position	Postdoctoral researcher	Junior research group leader	Junior professorship

*generally includes own salary and expenses for staff and consumables



DAAD Project Funding





Goals of DAAD Project Funding

- DAAD as an engine for internationalisation of HEI
- DAAD-Programmes
 - Increase the level of internationalisation
 - Are components for the individual internationalisation strategies of German HEI
 - Contribute to the visibility of the German HE area in the international education sector
 - Contribute to the build-up of structures in developing and emerging countries and support conflict prevention and transformation



Project Funding: www.daad.de

Aktuell ausgeschriebene DAAD-Programme und bereits laufende DAAD-Programme der Projektförderung.

Die regulären Ausschreibungstermine sind Anfang April, Mitte Juni und Anfang Oktober.

Auswahl verfeinern

Aktionsfelder

Bitte wählen Sie

Herkunft der Geförderten

Bitte wählen Sie

Zielländer

Iran

Zielgruppen

Bitte wählen Sie

Suchen

Hinweis zu den Programmen der Projektförderung: Bitte beachten Sie, dass – zum Zwecke der umfassenden Information – nicht nur

Aktuell ausgeschriebene Programme:

Bachelor Plus (Auslauffinanzierung)

Begleitseminare für Fach- und Führungskräfte

Fachliche Alumni-Sonderprojekte für Deutschland-Alumni

Fact Finding Missions

Hochschuldialog mit der islamischen Welt

IPID4all

ISAP - Internationale Studien- und Ausbildungspartnerschaften

Konzertreisen für Gruppen ausländischer Studierender

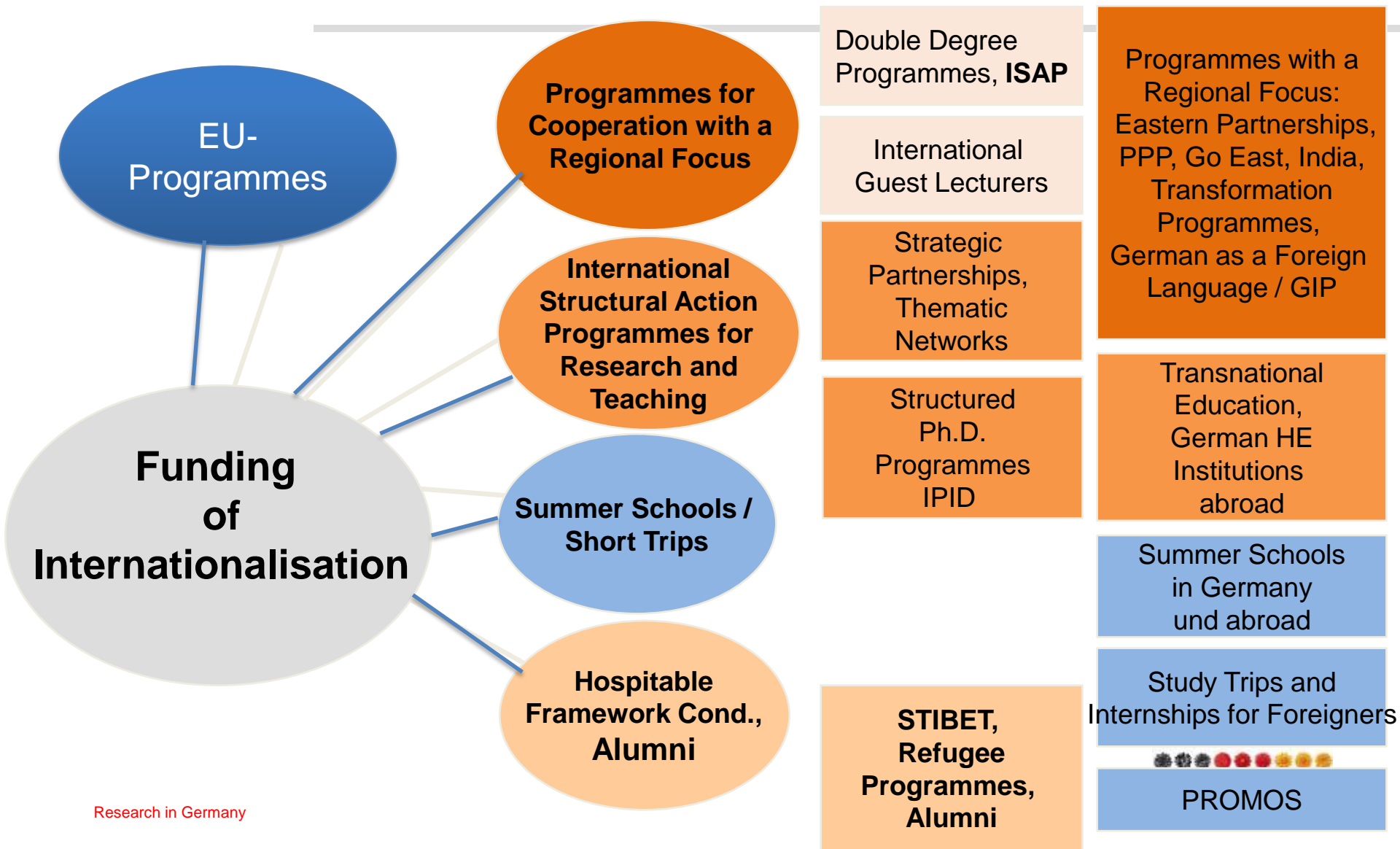
Konzertreisen für Gruppen deutscher Studierender

Sommerschulen in Deutschland

Studienpraktika für Gruppen ausländischer Studierender



Information about Project Funding





Project Funding

Example 1: ISAP – International Study and Education Partnerships

Structural Effect: effective credit transfer with ca. 30 points under the terms of ECTS/semester in Bachelor- and Master Programmes

- **Preconditions:** Participation of min three German students per group that simultaneously study at a partner HEI, reciprocity of the no. of exchange students (**3 ↔ 3**), achievement of around 30 credits per semester, reliable recognition of exam performance, reduction of tuition (min 50% or waiver), Cooperation Agreement
- **Support:**
 - 1) German students: scholarships
 - 2) International students (only for developing and emerging countries): allowance
 - 3) Structural costs (GER/INT short-term lecturers, tutorials, language courses, initiation costs (fact finding missions for the German side, **no** staff costs)
- **Other:** open for all partner countries except Erasmus and Brazil, duration: indefinite, application for extension usually every two to four years



Project Funding

Example 2: Integrated International Degree Programmes with a Double Degree

- **Goal / structural effect:** Setup of Bachelor- and Master Degree Programmes with double/joint degree (joint development of curricula)
- ✓ Target countries: open for all partner countries except France (DFH)
- ✓ Duration: indefinite
- ✓ Support: BMBF: approx. 3.5 Mio. (2014)

- **Areas of Support:**
- ✓ Preparatory phase: onetime appropriation for one study year (optional)
- ✓ Funding period: approval of usually 2+2+4 study years, later a follow-up financing possible (up to 4 years each)



Project Funding

Example 2: Integrated International Degree Programmes with a Double Degree

Preconditions for support:

■ Preparatory phase:

- ✓ Cooperation agreement or Letter of Intent (LOI)
- ✓ Agreement about tuition fees (waiver, min. 50% reduction)
- ✓ Convincing structural and curricular concept



■ Funding period:

- ✓ Cooperation agreement
- ✓ Implementation and realization of the agreed curriculum for the joint study programme (description of profile, qualification plan and goals, etc.)
- ✓ MA: min 1 semester at the partner HEI; BA: min 2 semesters
- ✓ Agreement about admission of students, recognition/accumulation of credits from the foreign HEI, joint/double degree, Diploma Supplement
- ✓ Evidence of student mobility in both directions / balanced exchange no. (5 ↔ 5)
- ✓ Preparatory (special) language courses of students as well as subject-specific and general support
- ✓ Joint study and exam regulations
- ✓ Executed or planned accreditation of the double degree programme



Sources of information



Need more information?

www.research-in-germany.org

Research in
Germany

Land of Ideas

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Funding Programmes

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Need more information?

Consultation

DAAD Information Centre Tehran

Dr. Shariati St., Yakhchal St.,
Keynejad St., Eslamieh East St.,
No.10

E-mail: info@daad-iran.org

Website: www.daad-iran.org



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Websites and databases

- <http://www.research-in-germany.org>
- <http://www.funding-guide.de>
- <http://www.euraxess.de>
- <http://www.research-explorer.de>
- <http://www.higher-education-compass.de>





Thank you!

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