



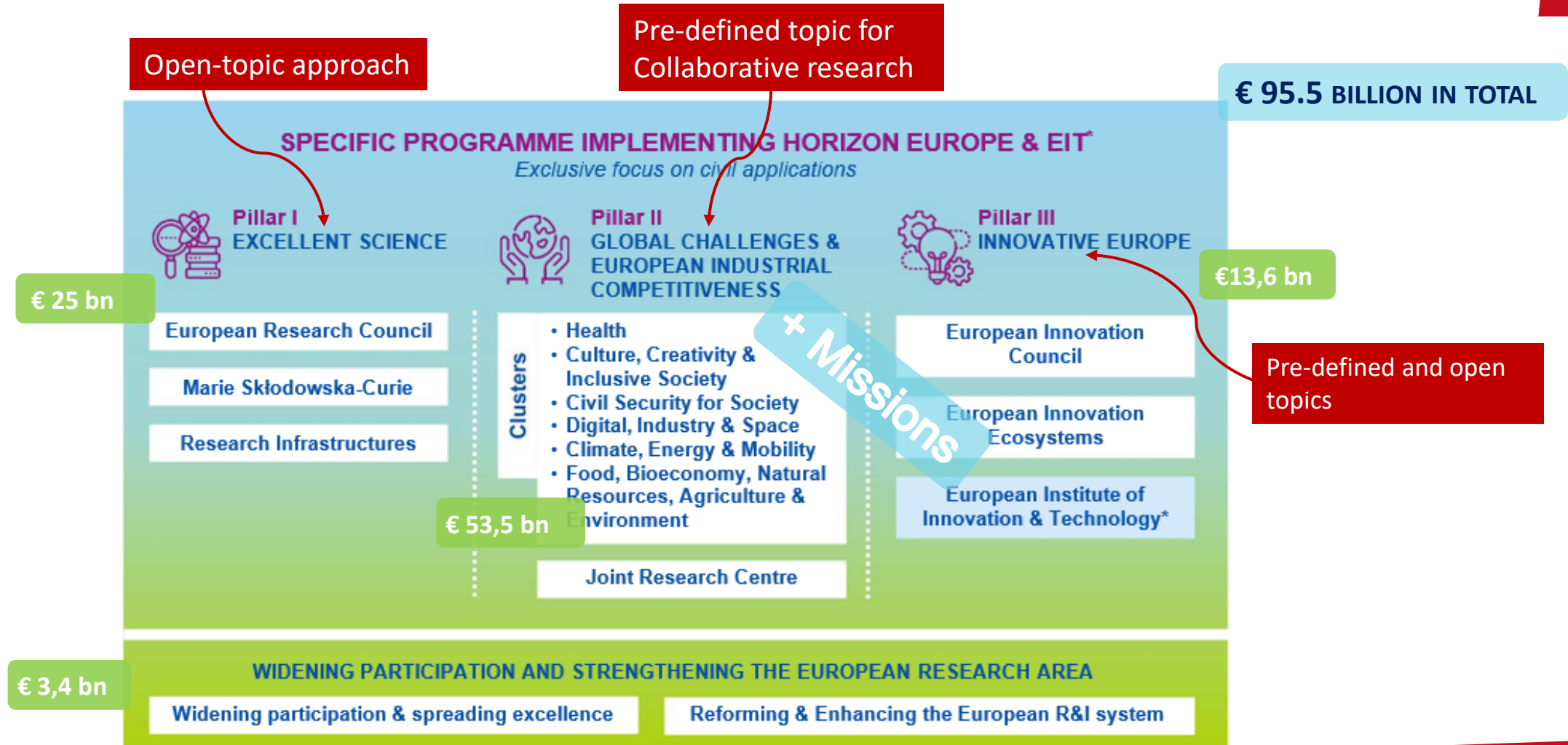
EU Funding Opportunities for Cooperation with the Global South

Research & Technology Transfer Department -- EU Office – Sabine Hutfilter/Cornelia Schmidt 13 March 2023

OVERVIEW

- Horizon Europe - Framework Programme for Research & Innovation (2021 - 2027)
 - ✓ COLLABORATIVE RESEARCH: *Global Challenge* and European *Industrial Competitiveness*
 - ✓ INDIVIDUAL FUNDING: *Marie S. Curie – Postdoctoral **Global** Fellowships*
 - ✓ *Innovative Europe*
- *European Partnerships*

HORIZON EUROPE – THE PROGRAMME STRUCTURE (2021-2027)



* Knowledge & Innovation Communities

Horizon EUROPE's GUIDING PRINCIPLES



HORIZON EUROPE – PARTICIPATION AND FUNDING



WHO CAN PARTICIPATE – ENTITIES FROM...

- ✓ 27 EU Member States (MS)
- ✓ HEU Associated Countries (AC)
- ✓ EU institutions (e.g. Joint Research Centre) & International European Research Organisations
- ✓ ...*Third Countries*



Horizon Europe – Third Country Participation and Funding



WHICH THIRD COUNTRY CAN PARTICIPATE AND WHICH ONE RECEIVES FUNDING?

Low & middle income countries, countries targeted by enlargement and neighborhood policies (List of <u>> 100 THIRD COUNTRIES</u> eligible for funding in Horizon Europe Programme Guide)	Generally eligible for funding
<ul style="list-style-type: none">• Industrialised countries (e.g. USA, New Zealand)• Emerging Economies (e.g. Brazil, China)	Only eligible for funding in exceptional cases
In force with several countries, Brazil , China , Japan , India ... Complete overview: here	Bi-lateral Science & Technology agreements



KEY FIGURES - WORK PROGRAMME 2023-2024

21%

Of HEU actions
specifically relevant to
international cooperation

160

Call topics dedicated to
international cooperation

>60

Actions target cooperation
with specific countries or
regions of Global South

Africa, Mediterranean

SPECIFIC FOCUS

Horizon Europe – INTERNATIONAL COOPERATION

WORK PROGRAMME 2023-2024 – SPECIFIC FOCUS



Specific focus on **Africa***

The fields:

Cluster 4: Digital, Industry, Space
Cluster 5: Climate, Energy, Mobility
Cluster 6: Food, bioeconomy, natural resources,
agriculture & environment
Research Infrastructure
European Innovation Ecosystems...

Dedicated opportunities: 30 call topics

Specific focus on **Southern Mediterranean Countries****

The fields of:

Climate Change,
Health,
Renewable Energies

I.e.: Cluster 1: Health,
Cluster 5: Climate, Energy, Mobility
Cluster 6: Food, bioeconomy, natural resources,
agriculture & environment

Dedicated opportunities: 37 call topics

* Sub-Saharan Africa
** Algeria, Egypt, Israel, Jordan, Lebanon,
Libya, Morocco, Palestine, Syria, Tunisia

Horizon Europe – INTERNATIONAL COOPERATION WORK PROGRAMME 2023-2024 – CO-FUND MECHANISM



Co-fund mechanism with **India**

The fields of: Cluster 1: Health
Cluster 4: Digital, Industry, Space
Cluster 5: Climate, Energy, Mobility
Cluster 6: Food, bioeconomy, natural resources,
agriculture & environment

Opportunities: 11 call topics– see overview on the [EU India Euraxess website](#)

Co-fund mechanism **with China** - via flagship initiatives

The fields of: Food, Agriculture, and Biotechnology (FAB)
Climate Change and Biodiversity (CCB)

Opportunities: Focus on research topics, contributing to the 2 EU-China research
flagship initiatives [FAB](#)* & [CCB](#)*

* Co-fund mechanism between EU and China, period 2021-2024

HORIZON EUROPE'S

GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS **Pillar**

PILLAR GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS



THEMATIC AREAS IN SIX **CLUSTERS**

CL 1 - Health

CL 2 - Culture, Creativity & Inclusive Society

CL 3 - Civil Security for Society

CL 4 - Digital, Industry & Space

CL 5 - Climate, Energy & Mobility

CL 6 - Food, Bioeconomy, Natural Resources, Agriculture & Environment

...and *Actions of the Joint Research Center*

+ TOPICS FROM **5 MISSIONS...**

- [Adaptation to climate change](#)
- [Cancer](#)
- [Climate-neutral and smart cities](#)
- [Restore our oceans and waters](#)
- [A soil deal for Europe](#)

...that are of particular urgency and have

*...bold, inspirational and measurable goals within a set timeframe**

HORIZON EUROPE – GENERAL CONDITIONS FOR COLLABORATIVE PROJECTS



HOW TO PARTICIPATE – CONSORTIUM SIZE

MINIMUM:*

3 different institutions from
3 different EU Member
States or HEU Associated
Countries,



x Partners, also from
Third Countries

Mandatory: thereof 1 from
an EU MS

GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

– CALL TOPIC EXAMPLE –



Topic: [HORIZON-CL5-2023-D3-02-16](#): Accelerating the green transition and energy access in Africa (IA)

Expected Outcome:

Which effects shall be achieved in the medium run?

- **Technologically** reliable and **economically** viable renewable energy solutions **by 2030**;
- **Improve climate adaptation and/or climate mitigation potential** of the solutions compared to other technologies/solutions
- Proven **positive** environmental, health, climate, social and economic **impacts**[...]
- ...

What has to be done?

Scope: ...**address development of renewable energy sources**, incl. solutions for off-grid communities, and their integration into the existing energy system [...]

- **Develop and implement** a tailored value chain approach, identifying the most suitable **manufacturing value chains** [...]
- **Cover** either **urbanised or rural contexts** in Africa. [...] contribute to **reducing the stress** on the water-energy-food nexus [...]
- Include the **identification of technical, vocational and educational needs** of the workforce

*Opening: 04 May 2023
Deadline: 05 Sep 2023*

*Call topic budget: 20 m. €
Rec. budget/proposal: 5 m. €*

HORIZON EUROPE – INDIVIDUAL GRANTS

EXCELLENT SCIENCE'S
MARIE SKŁODOWSKA CURIE –
*POSTDOCTORAL **GLOBAL** FELLOWSHIPS*

HORIZON EUROPE – MSCA POSTDOCTORAL GLOBAL FELLOWSHIPS



Individual grant

WHO CAN APPLY:

- ✓ Postdoc with **nationality from EU MS/AC or their long-term residents**
- ✓ supported by a senior researcher acting as supervisor
- ✓ + institution from third country
- ✓ Further criteria: **doctoral** degree, max. **8 years research experience** (FTE) after dissertation who comply with the mobility rule*

IN WHICH DISCIPLINES: all disciplines can be chosen = “**bottom-up approach**”

CHARACTERISTICS OF MSCA – POSTDOCTORAL GLOBAL FELLOWSHIPS (GF)

- ✓ Funding of all activities: from **basic research to innovation**
- ✓ **2 to 3 years project** for excellent research, tailor-made training and career development
- ✓ Starts with a **1-2 years outgoing phase to a third country** (not: EU MS/AC) and subsequent **12 months mandatory return phase** at (sending) host institution

* MSCA-PF mobility rule: max. 12 months stay in the country of **third country** host institution during the 3 years prior to call deadline

Links



In search of suitable call topics – collaborative research

- [Horizon Europe Funding & Tenders \(F&T\) opportunities portal](#)
- Horizon Europe's F&T Portal – [call topics for international cooperation](#)
- Horizon Europe's F&T Portal – [call topics EU-Africa cooperation](#)
- Horizon Europe's F&T Portal – [Mediterranean](#)

In search of individual funding

- MSCA – [Postdoctoral Fellowships](#)

In search of information

- EU Commission's [website on international cooperation](#)
- EU Commission: [Website EU-Africa-cooperation in R&I](#)
- Euraxxess: [Worldwide](#), incl. [India](#) & [Africa](#)

Next event with focus on Sub-Sahara Africa cooperation: **21 March 2023** – please contact Ms. [Angelika Wilhelm-Rechmann](#) (Berlin University Alliance)

HORIZON EUROPE – PILLAR III

INNOVATIVE EUROPE

EIC AND EUROPEAN PARTNERSHIPS

European Innovation Council (EIC)



- Europe's **flagship innovation programme** to identify, develop and scale up **breakthrough technologies** and **game changing innovations**
 - Aim: create **new markets** and contribute to tackling **societal challenges**
- Supports **innovative researchers** and entrepreneurs developing **high-risk**, high-impact **breakthrough innovation**
- Calls:
 - **Pathfinder** (consortia, long-term vision of a radically new technology)
 - Transition (single applicants/small consortia, must build on previous projects)
 - Accelerator (only start-ups and SMEs)

EIC Calls: Pathfinder



- Consortia of **visionary scientists** and entrepreneurial researchers from **universities**, research organisations, start-ups, high-tech SMEs or industrial stakeholders

- Open Topic (next call 2024)

- **Pathfinder Challenges** (deadline 18 October 2023)
 - Clean and Efficient Cooling
 - Construction Digitalisation
 - Precision Nutrition
 - Responsible Electronics
 - In-space Solar Energy

EIC Calls: Transition



- Innovation activities that go **beyond the experimental proof of principle** and address both **technology** and **market/business development**
- **Restricted to results** generated by previous EIC/ERC projects!
- Open Topic (deadlines 12 April, 27 September 2023)
- **Transition Challenges** (deadlines 12 April, 27 September 2023)
 - Micro-Nano-Bio Devices
 - Environmental Intelligence
 - Chip-scale Optical Frequency Combs

EIC Calls: Accelerator



- Supports individual **startups and spinout companies** to develop and scaleup game-changing innovations
- Open Topic (deadlines 7 June, 4 October 2023)
- **Accelerator Challenges** (deadlines 7 June, 4 October 2023)
 - Biomarkers for Cancer
 - Decontamination for Pandemic Management
 - Energy Storage
 - New European Bauhaus
 - Quantum or Semiconductor Components
 - Resilient Agriculture
 - Space Technologies and Service

European Partnerships



- Bring **European Commission** and **private** or **public** partners together
- Implement European **key priorities**: European Green Deal, Digital Transformation
- Bring forward **competitiveness** and **innovation** in Europe
- **Added value** for researchers:
 - **Co-designing** upcoming calls
 - Increased chances of **project funding**
 - **Access** to thematic European **networks**
 - Potential influence on **agenda-setting** and **policy-making**

Relevant European Partnerships for international cooperation



- Global Health EDCTP3 Joint Undertaking
 - Personalised Medicine, to start soon
 - Rare Diseases, to start soon
 - One Health Antimicrobial Resistance, to start soon
 - Processes4Planet
 - Clean Hydrogen
 - Europe's Rail
 - Clean Energy Transition
- European Biodiversity Partnership
- Water Security for the Planet
- Sustainable Food Systems, to start soon
- JPI PRIMA: Partnership for Research & Innovation in the Mediterranean Area, previous generation of partnerships

EU Office: Our services



- **Advice** on the full range of **European research funding opportunities**, such as
 - Collaborative Projects
 - ERC Grants
 - MSCA Projects
 - KICs, Partnerships

- **Personalised analysis** of European funding programmes
- University-wide **access** to the third-party funding **database** [ResearchConnect](#)
- EU Newsletter on calls, events and policy news. Please subscribe [here](#)

- Learn more on our [website](#) and...

Get in touch!

Location:

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Contact:

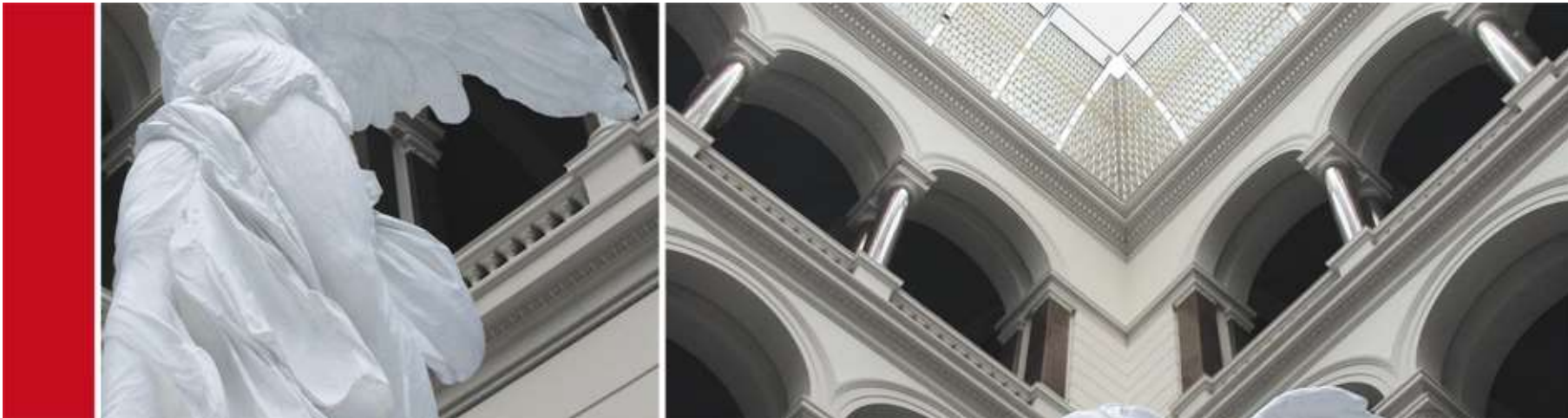
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Website:

<https://www.tu.berlin/eu-buero/ueber-uns>

Register for our EU Newsletter:

<https://www.tu.berlin/eu-buero/services/information-und-beratung/newsletter>



Funding Opportunities for Cooperation with the Global South (at the national level)

Department V, Research Promotion Section, Team Research Support | Dr. Tim Köhler-Ramm (V C 12)



Funding programmes at national level – the big players

DFG, German Research Foundation

Federal Funding (BMBF, BMWK, BMEL)

AvH, Alexander von Humboldt Foundation



Funding programmes at national level – the big players

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DFG: German Research Foundation – an overview

- DFG supports international cooperation in all its funding programmes
 - **Individual and collaborative projects**
 - **Coordinated Programmes**
- Researchers at a German institution can submit funding proposals with researchers in any country at any time, in any subject area and with any topic
- DFG usually funds the German part of the project only; complementary financing is expected
 - Several agreements with funding organisations in many countries
 - Exception: **Cooperation with Developing Countries**
- **Special international programmes**
- **Joint Calls** with partner organisations of DFG



DFG: Individual and collaborative projects



DFG: Scientific Networks

Purpose	To promote multi-year scientific exchange and cooperation on a topic area of choice across locations (Germany and / or abroad)
Applicant	Qualified researchers (with a doctorate)
Requirement	The network must aim for a specific outcome, e.g. the preparation of joint research papers or an impetus for the further development of research methods
Extent / Duration	Travel and maintenance costs for work meetings and for thematically relevant guests, other costs (to support coordination) and publication costs; up to three years
Deadline	None
Info / Contact	https://www.dfg.de/en/research_funding/programmes/individual/scientific_networks/index.html
Miscellaneous	10–20 persons + temporary guests



DFG: Individual Research Grants

Purpose	To enable researchers to carry out a research project on a specifically defined topic within a limited time period
Applicant	Qualified researchers (with a doctorate)
Requirement	A research project of high scientific quality and originality, carried out at an international level
Extent / Duration	Personnel, equipment, consumables, travel expenses, publication costs; for several years
Deadline	First proposal: None Renewal proposal: At least six months before the approved funds have been exhausted
Info / Contact	https://www.dfg.de/en/research_funding/programmes/individual/research_grants/index.html
Miscellaneous	None



DFG: Temporary Positions for Principal Investigators

Purpose	To carry out a research project on a specifically defined topic within a limited time period as project leader
Applicant	Young researchers (Postdocs) [from Germany or abroad]
Requirement	A research project of high scientific quality and originality, carried out at an international level
Extent / Duration	Personnel (incl. own position), equipment, consumables, travel expenses, publication costs; for initially three years.
Deadline	None
Info / Contact	https://www.dfg.de/en/research_funding/programmes/individual/research_grants/index.html
Miscellaneous	In principle, the regulations of the Individual Research Grants apply; declaration of the host university is necessary



DFG: Walter Benjamin Programme

Purpose	Pave the way for increasingly independent research career and autonomy; fostering the mobility and thematic development
Applicant	Young researchers (Postdocs)
Requirement	Only postdoctoral researchers at an early career phase are eligible to apply to this programme (“recognised researcher”, R2)
Extent / Duration	Own position (stipend / position); allowance for direct project costs (including travel and publication costs); max. two years
Deadline	None
Info / Contact	https://www.dfg.de/en/research_funding/programmes/individual/walter_benjamin/index.html
Miscellaneous	The programme generally requires that the applicant change his or her current research institution; declaration of the host university is necessary



DFG: Emmy Noether Programme

Purpose	To give the opportunity to fulfil the prerequisites for appointment as a university professor by leading an independent junior research group + performing relevant teaching duties; to attract outstanding researchers (back) to Germany from abroad
Applicant	Postdocs 2–4 years after completion of the doctorate
Requirement	Substantial international research experience; excellent research project
Extent / Duration	Position of the group leader; personnel, equipment, consumables, travel expenses, publication costs for 3+3 years
Deadline	None
Info / Contact	https://www.dfg.de/en/research_funding/programmes/individual/emmy_noether/index.html
Miscellaneous	Declaration of the host university; junior research group generally not installed where the doctorate was obtained; foreign applicants need to continue their scientific career in Germany



DFG: Heisenberg Programme

Purpose	To enable outstanding researchers who meet all the requirements for appointment to a long-term professorship to prepare for a senior academic role while continuing their research work
Applicant	Researchers in all disciplines qualified for a professorship
Requirement	High scientific quality and originality of the research project at international level and suitability for further qualification as a university teacher
Extent / Duration	Stipend / position / professorship; flexible research funding or a general allowance for direct project costs; max. 3+2 years
Deadline	None
Info / Contact	https://www.dfg.de/en/research_funding/programmes/individual/heisenberg/index.html
Miscellaneous	The university must transfer the Heisenberg professorship after the DFG funding permanently to its own budget



DFG: Individual and collaborative projects

Mercator Fellows (special Module)

- Fellowships enable intensive, long-term, project-based collaboration between researchers from both domestic and foreign institutions
- German researchers apply for the Mercator Module to include their foreign partners
- Allowance to cover travel expenses + salary (depends on the fellows' qualifications); 6–12 months
- Mercator Fellowships can be applied for within the following programmes:
 - Individual Research Grants
 - The Emmy Noether Programme
 - (International) Research Training Groups
 - Collaborative Research Centres
 - Further programmes



DFG: Coordinated programmes



DFG: International Research Training Groups (IRTG)

Purpose	IRTG provide opportunities for joint doctoral training programmes between German universities and universities abroad
Applicant	5–10 faculty members on each side (Germany, abroad)
Requirement	Interdisciplinary research focus with a joint programme
Extent / Duration	Personnel, equipment, consumables, travel expenses, workshops, coordination, ...; two 4.5-year cycles
Deadline	Draft proposals: None Full proposals: Consultation with the DFG's Head Office
Info / Contact	https://www.dfg.de/en/research_funding/programmes/coordinated_programmes/research_training_groups/index.html
Miscellaneous	Doctoral students complete a six-month research stay at the respective partner institution



DFG: Collaborative Research Centres (CRC)

Purpose	Development of priority areas and structural development at the applicant university/universities; interdisciplinary cooperation; support of early career researchers and equal opportunity for women and men in research
Applicant	Universities (and institutions of equivalent status entitled to confer doctorates)
Requirement	Long-term research programme; appropriate staffing, funding and infrastructure; convincing contributions to development of priority areas and structural development at the applicant universities; ...
Extent / Duration	Personnel, equipment, consumables, travel expenses, workshops, coordination, ...; three 4-year funding periods
Deadline	The establishment of a Collaborative Research Centre involves a two-stage decision process
Info / Contact	https://www.dfg.de/en/research_funding/programmes/coordinated_programmes/collaborative_research_centres/index.html



DFG: Coordinated programmes

Integration of international researchers in coordinated procedures...

- ...in connection with a Priority Programme or a Research Group / Unit
- Projects by researchers abroad can be funded directly by the DFG
 - If their project makes an important additional contribution to achieving the objectives and adds significant value to the projects planned in Germany
- Priority Programmes aim to give clear impetus to the advancement of science and the humanities through coordinated multi-location funding for important new topics

https://www.dfg.de/en/research_funding/programmes/coordinated_programmes/priority_programmes/index.html

- Research Groups / Units (comprising several researchers) aim to collaborate closely on specific medium-term research projects whose anticipated findings would not be able to be achieved within the scope of the individual grants programme (duration: 4+4 years)

https://www.dfg.de/en/research_funding/programmes/coordinated_programmes/research_units/index.html



DFG: Research Units (FOR)

Purpose	Medium-term collaborative research projects whose anticipated findings would not be able to be achieved within the scope of the individual grants programme
Applicant	10+ researchers (Germany, abroad)
Requirement	Outstanding researchers; scientific quality and originality of a research project at an international level
Extent / Duration	Personnel, equipment, consumables, travel expenses, workshops, coordination, ...; two 4-year cycles
Deadline	Draft proposals: None Full proposals: Consultation with the DFG's Head Office
Info / Contact	https://www.dfg.de/en/research_funding/programmes/coordinated_programmes/research_units/index.html
Miscellaneous	Researchers abroad can be funded directly by the DFG if adds significant value to the projects planned in Germany



DFG: Special international programmes



DFG: Cooperation with Developing Countries

Purpose	Promote cooperation between researchers in Germany and in developing countries; research project on a specifically defined topic within a limited time period
Applicant	Qualified researchers (with a doctorate)
Extent / Duration	Personnel, equipment, consumables, travel expenses, publication costs <u>for all the partners</u> (Germany + abroad); for several years
Deadline	None
Info / Contact	https://www.dfg.de/en/research_funding/programmes/international_cooperation/developing_countries/index.html
Miscellaneous	The regulations of the Individual Research Grants apply



DFG: Initiation of International Collaboration

Purpose	Serves to establish collaborative relationships between international partners
Applicant	Qualified researchers (with a doctorate)
Extent / Duration	Trips abroad or guest visits in Germany (each max. three month), exploratory workshops; max 12 months
Deadline	None
Info / Contact	https://www.dfg.de/en/research_funding/programmes/international_cooperation/initiation_international_collaboration/index.html



DFG: International Scientific Events

Purpose	<p>International conferences: Organisation of academic events of an international nature in Germany.</p> <p>Annual conferences: Presentations by speakers who are acknowledged experts in the field at annual conferences held by German scholarly societies or subject groupings at national level.</p>
Applicant	<p>Qualified researchers (with a doctorate)</p> <p>Authorised representatives of the scholarly society</p>
Extent / Duration	Subsidies, e. g. towards travel expenses or towards the cost of digital implementations
Deadline	Latest six months before the start of the event
Info / Contact	https://www.dfg.de/en/research_funding/programmes/international_cooperation/international_events/index.html



DFG: Middle East Collaboration

Purpose	The aim is to strengthen cooperation between researchers in Germany and Israel. In addition, it is possible to integrate Palestinian researchers. In suitable cases, a Middle East collaboration may integrate researchers from one of Israel's neighbours (Egypt, Jordan, Lebanon, Syria), instead of or as well as Palestinian partners
Applicant	Qualified researchers (with a doctorate)
Extent / Duration	Personnel, equipment, consumables, travel expenses, publication costs; up to six years (with a three-year initial phase)
Deadline	None
Info / Contact	https://www.dfg.de/en/research_funding/programmes/international_cooperation/middle_east_collaboration/index.html
Miscellaneous	The regulations of the Individual Research Grants apply



DFG: Joint calls



DFG: Joint calls

- DFG has agreements with partner organisations in some countries about joint funding
- Projects can be applied for using a parallel application process
- Sometimes announced as calls; usually related to research grants or coordinated programmes
- Cooperating countries include: Egypt, Argentina, Brazil, Chile, China, Costa Rica, Ecuador, India, Indonesia, Iran, Jordan, Colombia, Morocco, Mexico, Mongolia, Mozambique, Philippines, Zambia, South Africa, Thailand, Vietnam
 - Full list of countries:
https://www.dfg.de/en/research_funding/international_cooperation/funding/countries_regions/index.html
 - Current calls:
https://www.dfg.de/foerderung/info_wissenschaft/internationaler_bezug/index.html



DFG: Joint calls

Point Sud

- Open to humanities and social science research on Africa in Germany
- Applicants: Qualified researchers (with a doctorate)
- Networking activities between various partners in Africa
- Deadline: 6-page proposal on **24.05.2023**; collective application to the DFG in **July 2023**

<http://pointsud.org/?lang=en>

International Joint Initiative for Research on Climate Change Adaptation and Mitigation

- Collaboration between Canada, Brazil, Germany, Norway, South Africa, Switzerland, UK and USA
- Applicants: Qualified researchers (with a doctorate)
- Design and implementation of adaptation and mitigation strategies for vulnerable groups currently most impacted by the effects of climate change (physically and socioeconomically)
- Deadline: Notice of intent on **02.05.2023**; full proposals on **12.09.2023**

https://www.dfg.de/foerderung/info_wissenschaft/internationaler_bezug/info_wissenschaft_23_08/index.html



DFG: Joint calls

TWAS-DFG Cooperation Visits Programme (tba in spring/summer 2023)

- Three-month 'Cooperation Visit' to a research institute in Germany
- Postdoctoral researchers from Sub-Saharan Africa, including South Africa

<https://twas.org/opportunity/twas-dfg-cooperation-visits-programme>

German-African Cooperation Projects in Infectiology (tba in early summer 2023)

- Human and veterinary: investigation of neglected tropical infectious diseases
- Social and behavioural: consequences / conditions of neglected tropical infectious diseases
- Applicants: Qualified researchers (with a doctorate)



Funding programs at national level – the big player

DFG, German Research Foundation

Federal Funding (BMBF, BMWK, BMEL)

AvH, Alexander von Humboldt Foundation



Federal Funding: BMBF

- The BMBF International Bureau supports international research and education cooperation between Germany and its partners
- It advises German universities, research institutions and companies on international cooperation
- And provides financial support to establish new contacts and facilitate cooperation
- Calls are published here: https://www.internationales-buero.de/de/laufende_bekanntmachungen.php



Federal Funding: BMBF

Water Safety in Africa – WASA

- German-African research and development projects, capacity development as well as demonstration and innovation activities
- Aim to create new processes, products and services four thematic areas and activities:
 - Sustainable water resource management
 - Water infrastructure and water technology
 - Hydrological forecasting and management of hydrological extremes
 - Networking and transfer projects
- Up to €2 million (southern African partners up to 100 TEUR); maximum 48 months
- Applicants: SMEs, Universities, etc.
- Two-stage application process: **Drafts until 15.06.2023**

<https://www.bmbf.de/bmbf/shareddocs/bekanntmachungen/de/2023/02/2023-02-24-Bekanntmachung-WASA.html>



Federal Funding: BMBF

Lateinamerika.PotenziAL (several calls tba)

- Collaboration on research and development projects
- Focus countries Argentina, Brazil, Chile, Columbia, Mexico
- Several Modules:
 - Measures for international exploration and networking designed to establish new collaborations
 - Measures to promote project-related mobility in order to intensify and consolidate existing collaborative partnerships
 - Measures to promote joint research and innovation projects with or without the participation of industry
 - Measures to promote research and junior research groups as a starting point for sustainable, long-term collaboration
 - Measures to establish or expand partner structures that are self-sustaining in the long term and become the nucleus of sustainable cooperation



Federal Funding: BMWK

International Calls: <https://www.zim.de/ZIM/Navigation/DE/Foerderangebote/International/international.html>

IraSME – International research activities by small and medium-sized enterprises

- Cooperation and developing new products, processes or technical services that exceed the existing state of the art and have good market opportunities (at least two countries)
- Eligible applicants: SMEs from partner countries
- Partner countries: Austria, Brazil, Czech Republic, Turkey, Belgium, Germany, Luxembourg
- Associated partners: Research and Technology Organisations from partner countries
- Project-related funding for 12–36 months
- Speciality: All German applicants additionally submit a **ZIM cooperation application**
- Deadline: **29.03.2023** (next round tba; deadline in September)

www.ira-sme.net/



Federal Funding: BMWK

CORNET – COLlective Research NETworking

- Transnational cooperation projects in the field of collective research and technological development for the benefit of SMEs (at least two countries)
- Research topics are not pre-defined
- Eligible applicants: AiF research associations
- 14 partner countries: a. o. Brazil, Peru, Turkey
- Associated partners: Research and Technology Organisations from partner countries
- Project-related funding for max. 24 months
- Speciality: All German applicants additionally submit a **ZIM cooperation application**
- Deadline: **29.03.2023** (next round tba; deadline in September)

https://cornet.online/EN/Home/Home_node.html



Federal Funding: BMWK

ZIM (Zentrales Innovationsprogramm Mittelstand): Central Innovation Programme for SME

- Provides funding for Research and Development
 - (International) Cooperation Projects (at least 2 SMEs)
 - (International) Innovation Networks (at least 4 German SMEs + 2 SMEs from abroad)
- Applicants: SME (in cooperation with Research and Technology Organisations)
- No funding for the international partner if there are no particular country-specific agreements
- Proposals can be submitted at any time

<https://www.zim.de/ZIM/Navigation/DE/Meta/Englisch/englisch.html>



Federal Funding: BMEL

Promotion of bi- and multilateral research cooperation and knowledge exchange for international sustainable forest management

- Addressing forest science issues to improve international sustainable Forest Management
- Transmission, distribution and exchange of knowledge
- All kinds of basic and applied research
- Eligible applicants are Research and Technology Organisations and companies
- Project-related expenses (max. 500 TEUR for companies) for several years
- Two-stage application process: **Drafts until 01.06. and 01.12. each year**

https://www.ble.de/DE/Projektfoerderung/Foerderungen-Auftraege/Internationale-Waldwirtschaft/internationale-waldwirtschaft_node.html



Funding programs at national level – the big player

DFG, German Research Foundation

Federal Funding (BMBF, BMWK, BMEL)

AvH, Alexander von Humboldt Foundation



AvH: General funding instruments, incoming

Humboldt Research Fellowship

- Above-average qualified postdoctoral researchers (<4 years after doctorate) and experienced researchers (<12 years after doctorate)
- All countries (excluding Germany), all disciplines
- Fellowship, allowances and subsidies
- 6–24-month research stay in Germany
- Deadlines: Selection Committee responsible for reviewing applications to this programme meets every March, July and November

<https://www.humboldt-foundation.de/en/apply/sponsorship-programmes/humboldt-research-fellowship>

Sofja Kovalevskaja Award (under construction; tba)

- Top-rank junior researchers (<6 years after doctorate)
- All countries (except Germany), all disciplines
- Up to €1.65 million for 5 years to head a research group in Germany)



AvH: General funding instruments, incoming

Alexander von Humboldt Professorship

- Top researchers
- All countries (excluding Germany), all disciplines
- €5 million for experimental disciplines and €3.5 million for theoretical disciplines
- To finance a professorship for the first five years
- Candidates must be nominated by universities
- Deadlines: **15.04. and 15.09. each year**

<https://www.humboldt-foundation.de/en/apply/sponsorship-programmes/alexander-von-humboldt-professorship>

- ...and many prizes / awards including a possible research stay of up to 12 months in Germany

<https://www.humboldt-foundation.de/en/apply/sponsorship-programmes/programmes-a-to-z>



AvH: General funding instrument, outgoing

Feodor Lynen Research Fellowship

- Above-average qualified postdoctoral researchers (<4 years after doctorate) and experienced researchers (<12 years after doctorate)
- From Germany, all disciplines
- Fellowship, allowances and subsidies
- 6–24-month research stay abroad
- Deadlines: Selection Committee responsible for reviewing applications to this programme meets every February, June and October

<https://www.humboldt-foundation.de/en/apply/sponsorship-programmes/feodor-lynen-research-fellowship>



AvH: Specific funding instruments, incoming

Georg Forster Research Fellowship

- Above-average qualified postdoctoral researchers (<4 years after doctorate) and experienced researchers (<12 years after doctorate)
- Developing or transition countries in accordance with OECD (excluding PR China and India)
- All disciplines
- Fellowship, allowances
- 6–24-month research stay in Germany
- Deadlines: Selection Committee responsible for reviewing applications to this programme meets every February, June and October

<https://www.humboldt-foundation.de/en/apply/sponsorship-programmes/georg-forster-research-fellowship>



AvH: Specific funding instruments, incoming

Georg Forster Research Award (tba)

- Internationally recognised researchers working on research-based solutions to the specific challenges facing transition and developing countries
- Developing and transition countries in accordance with OECD (excluding PR China and India)
- €60,000 award money (research stay of up to 12 months in Germany possible)

<https://www.humboldt-foundation.de/en/apply/sponsorship-programmes/georg-forster-research-award>



Further information and contact

For funding opportunities (third-party and internal funding) and all of our services please visit our website: <https://www.tu.berlin/en/go2612/>

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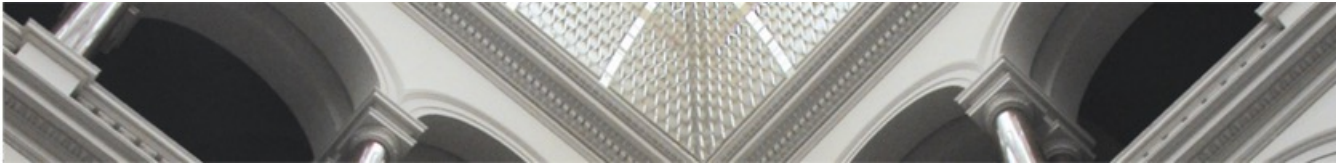
Team Research Support (Research Promotion Section): What can we do for you? <https://www.tu.berlin/en/go155971/>

- **Where can I get funding for my research idea?**
 - ✓ We can advise you on funding perspectives through third-party funds (except EU)
- **I need seed funding for my third-party funding project.**
 - ✓ We coordinate the TU Berlin internal research funding: personnel and material resources for individual and collaborative research projects
- **Does my third-party funding application match the respective requirements?**
 - ✓ We read your proposal and give you constructive and critical feedback
- **I want to develop a collaborative research project. How should I proceed?**
 - ✓ We advise and accompany initiatives and moderate workshops for research cooperation groups
 - ✓ We support your research planning by means of Research Analytics Services



Funding opportunities for cooperation with partners in the Global South: DAAD, Erasmus+, TU Berlin Seed Funding

Department of International Affairs - International Projects



DAAD: Funding for individual mobility

Databases:

Scholarships for individual mobility (DAAD and other funders):

- [Incoming](#)
- [Outgoing](#) (in German only)

[DAAD county information and network abroad](#)



DAAD: Researcher mobility outgoing (selected programs)

	Doctoral candidates	PostDocs	Senior Researchers
Research stays	1-12 months	3-6 months / 12 months abroad + 6 months reintegration	-
Bilateral researcher exchange	-	2 weeks – 3 months	2 weeks – 3 months
Lecture trips / congress trips	yes	yes	yes
Guest lectureships	4 weeks – 6 months	4 weeks – 6 months	4 weeks – 6 months



DAAD: Researcher mobility incoming (selected programs)

	Doctoral candidates	PostDocs	Senior Researchers
Research stays	1-3 months / 1-6 months / 7-12 months	1-3 months / 1-6 months	1-3 months
Bilateral researcher exchange	-	2 weeks – 3 months	2 weeks – 3 months
Sandwich / Cotutelle	12 – 24 months (for stays in Germany)		
Doctoral studies in Germany	1-4 years		



DAAD: Funding for cooperation projects

Focus of DAAD-funding:

- mobility,
- joint development of study opportunities,
- capacity building, outreach
- usually no pure research funding

Result oriented project planning and monitoring (WoM)

Database: [DAAD programs to support cooperation projects](#) (mainly in German):
Annual calls beginning of April, mid June, beginning of October



DAAD: Ta'ziz partnership for democracy - Short Measures

Countries: focus: Tunisia, Sudan, Lebanon, Iraq;

in addition: Algeria, Egypt, Yemen, Jordan, Libya, Morocco

Objective: Initiation of networks between universities and civil society/business organisations in partner countries; innovative teaching; academic freedom, support for reform at partner university

Funding: fact-finding-missions; events; workshops, continuing education; development of teaching material

Budget: 40.000 EUR

Who can apply: German universities and research organisations

Funding period: 10 or 4 months

Deadline: 31.05.2023 for measures between 01.09. – 31.12.2023



DAAD: Fact Finding Missions

Countries: OECD-DAC Countries

Objective: preparation of a long-term cooperation between universities in Germany and the Global South (DAC-list) aiming at capacity-building at the university in the partner country

Funding: visits of staff of German universities (subject specific delegations) to the partner institution

Budget: 15.000,- EUR/for visits of 2 weeks + 20.000,- EUR for visits of 3 weeks

Who can apply: German universities, their institutes and departments

Funding period: 2 – 3 weeks

Next calls: opens April 5, deadline 17 May for missions 1.7. -31.12.2023



DAAD: PPP joint research (bilateral cooperation)

Countries: bilaterally funded with 33 specific countries – incl.:

Argentina, Brasil, Colombia, Egypt, Georgia, India, Peru, Sri Lanka,
Thailand, Turkey

Objective: Initiation or intensification of joint research, focus on qualification of junior researchers

Funding: research stays of German and international university teachers, academic scholars, graduates, PhD candidates, PostDocs);

Budget: approx. 8.000 – 10.000 EUR/year

Who can apply: parallel application by HEI or research institutions in Germany & partner country

Funding period: 2 years

Next call: opens: depends on country; deadline: depends on country



DAAD: SDG Partnerships

Countries: OECD-DAC Countries

Objective: partnerships between universities in Germany and developing countries and sustainable structural improvements at the partner institutions; contribution to SDGs

Areas: teaching, higher education management, research

Funding: development of teaching/study materials; events; continuing education activities; project-related stays; target-group oriented public relations work; relevant research work

Budget: 75.000,- EUR/year + 25.000,- EUR for projects with more than 1 South partner

Who can apply: German universities

Funding period: 4 years

Next call: expected beginning of April, deadline end June

(Successor program to Subject Related Partnerships, PAGEL, Partnerships to Promote Biodiversity, DIES Partnerships)



DAAD: University-Business-Partnerships

between higher education institutions and business partners in Germany and in developing countries

Countries (current call): Egypt, Ethiopia, Morocco, Tunisia, Ghana, Côte d'Ivoire, Rwanda, Senegal (thematic clusters per country)

Objective: Improved practical orientation of study programs in partner countries and orientation of universities towards the economy (employability, brain-drain prevention)

Funding: visits (by German and international university teachers, academic scholars, students, graduates, PhD candidates and alumni); organisation of events (e.g. workshops and conferences); research and teaching; field trips; development of digital teaching and learning materials & corresponding technical infrastructure

Budget: 645.000,- EUR (105.000,- EUR in 2023, 180.000,- EUR 2023-25)

Who can apply: German universities, their institutes and departments

Funding period: 3,5 years

Next call: expected end 2023 / beginning 2024



Erasmus+ Programme

- **What is Erasmus+?**

Erasmus+ is the European Union's program to support education, youth and sport.

- **What are the program's objectives?**

It funds the mobility of learners and supports people of all ages to acquire job-related skills and intercultural competences. Erasmus+ further funds European and international educational collaborative projects and helps the participating countries to modernize their educational systems and supports them in their work in the area of youth projects.

- **Duration: 2021-2027**



Erasmus+ Key Actions in Higher Education

- Key Action 1: Learning Mobility of Individuals
 - KA 131: Mobility with Programme Countries
 - **KA 171: Mobility with Partner Countries**
- Key Action 2 : Cooperation among Organisations and Institutions
 - KA220 Cooperation Partnerships
 - KA2 Alliances for Innovation
 - **KA2 Capacity Building**
 - KA2 Erasmus Mundus Actions
 - KA2 European Universities
- Key Action 3: Support to Policy Development and Cooperation
- Jean Monnet Activities



Erasmus + programme and partner countries

Programme countries

- EU 27
- Iceland, Liechtenstein, North Macedonia, Norway, Turkey, Serbia

Partner countries:

- all other countries
- divided into region 1 – 14



KA 171: Mobility with partner countries

- Mobility of individuals for the purposes of learning, teaching and continuing education (not participation at conferences)
- Between higher education institutions
- Budget and type of eligible mobilities vary according to partner country region
- Duration of project: up to 36 months
(for example 2022: 1 August 2022 – 31 July 2024)

KA 171: Funding period and amount

(information refers to: *Call 2023*)

	Funding period	Amount*
Students (BSc, MSc, PhD) from partner countries	3-12 months	EUR 850 /month
Students (BSc, MSc, PhD) from Germany**	3-12 months	EUR 700 /month
University staff going to Germany	5 days – 2 months	EUR 160 /day***
University staff from Germany	5 days – 2 months	EUR 180 /day***

* plus lump sum travel costs supplement depending on distance (EUR 180 – 1500)

** Bachelor and master students from Germany are not eligible for funding in all partner countries

*** until the 14th day, thereafter 70% of the daily rate



KA 171 at TU Berlin

- One application per university!
- Selection of countries: committee led by Dep. of International Affairs
 - 2023-2025 Selection: Ghana and South Africa
- Coordination of applications and projects at TU Berlin:
 - International Projects Section (INT IP)
 - Central announcement of scholarships via INT IP
- Involvement of interested academic chairs in the application process
 - > preferential consideration when awarding scholarships

KA 171: application + schedule

(information refers to: *Call 2023*)

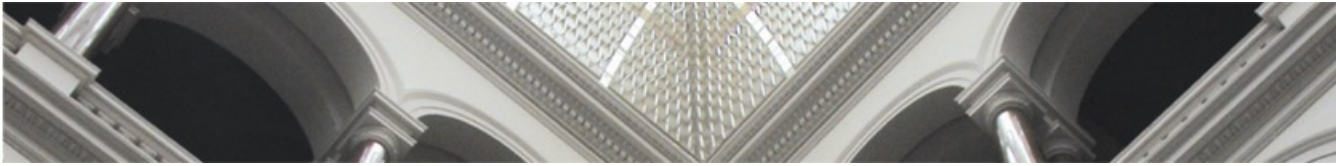
Stage	Deadline
Decision concerning partner universities	October 2022
Preliminary work of interested chairs + partner universities to INT IP	November / December 2022
Application deadline for central TU Berlin application	February 2023 online to NA DAAD
Selection decisions	Summer 2023
Start of funding period	1 August 2023



KA 2: Capacity-Building in Higher Education (CBHE)

(information refers to: *Call 2023*)

- Transnational cooperation projects of consortia of higher education institutions (HEIs) of Erasmus + programme countries and eligible partner countries
- Goal: modernization of higher education institutions and higher education systems in partner countries
- Average success rate 2020: 16.3%, 2019: 19.6%, 2018: 16.8%
depends greatly on partner country or region:
2020: 36% Middle East; 14% Russian Federation
- Budget-% per region in Call 2023: 24% Sub-Saharan Africa, 18% Asia, 18% Neighbourhood East, 10% Western Balkans



CBHE – Project examples at TU Berlin

- ❖ **UPGRADE** – Urban and transPortation reGeneration for Reducing Automobi-le Dependency in mEna area (2020 – 2023; [UPGRADE \(tu.berlin\)](https://tu.berlin/upgrade))
- ❖ **YEBO!** – Development of the Internationalization of PhD studies in South-Africa (2017 – 2021; [YEBO \(tu.berlin\)](https://tu.berlin/yebo))
- ❖ **CAMINOS** Enhancing and Promoting Latin American Mobility (2016 – 2019; [CAMINOS \(tu.berlin\)](https://tu.berlin/caminos))
- ❖ **MIELES** – Modernizing and Enhancing Indian eLearning Educational Strategies (2016 – 2019; [MIELES \(tu.berlin\)](https://tu.berlin/mieles))



CBHE: three project strands *(information refers to: call 2023)*

PS1: Fostering access to cooperation in higher education

- Target group: „Newcomers“, HEIs in remote regions, students and staff with fewer opportunities, HEIs from „least developed countries“
- Duration: 24 or 36 months; Grant: EUR 200,000 – 400,000

PS2: Partnerships for transformation in higher education

- Strengthening the link between HEIs and economic and social environment
- Duration: 24 or 36 months; Grant: EUR 400,000 – 800,000

PS3: Structural reform projects

- Modernisation of HE systems (governance) in close cooperation with the authorities and ministries of partner countries
- Duration: 36 or 48 months; Grant: EUR 800,000 – 1,000,000
- Digital education environment in Ukraine: up to EUR 5,000,000



CBHE: consortium and financial support *(refers to: Call 2023)*

Consortium

- Based in programme country or eligible partner country
- At least 1 HEIs from 2 different programme countries
- At least 1 partner country with at least 2 HEIs (exceptions possible)
- At least as many HEIs from partner countries as from programme countries

Financial support

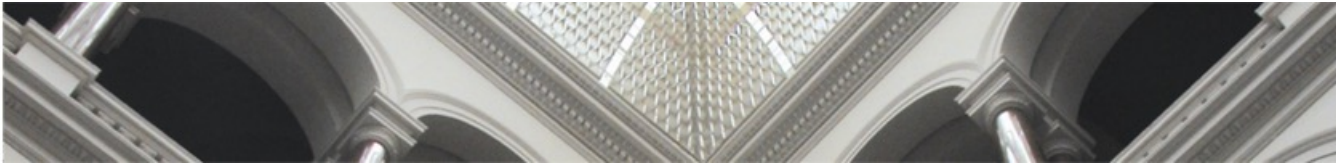
- Lump sum funding model
- Grant max. 90 per cent of total budget (co-funding principle)
- Costs may comprehend: staff costs, travel and subsistence costs, equipment costs and subcontracting, among others



CBHE: application + schedule

(information refers to: *Call 2024*)

Stage	Deadline
Application	February 2024 (tbc) 17:00 (CET, Brussels time) Online to EACEA
TU Berlin's internal application	January 2024 (tbc)
Selection process (in consultation with partner countries)	March – July 2024
Results of selection procedure	August 2024
Signing of Grant Agreement	November 2024
Start of funding period	starting in November (tbc)



CBHE: further information (refers to: *call 2023*)

Project Strand 1

[Funding & tenders \(europa.eu\)](#)

Project Strand 2

[Funding & tenders \(europa.eu\)](#)

Project Strand 3

[Funding & tenders \(europa.eu\)](#)

Email address for inquiries at DAAD National Agency: capacitybuilding@daad.de



Seed Funding

for cooperation with partners in the Global South 2023

- **What is the Seed Funding for?**

Support for TU-researchers to initiate and strengthen cooperation with partners in the Global South

- **What are the objectives?**

- Encourage research collaboration of TU Berlin with the Global South,
- Excellent and innovative, transdisciplinary ideas responding to global challenges and the Sustainable Development Goals (SDGs),
- Aim: support preparation of proposal(s) for third-party funding applications

- [Call for applications](#)

- Examples of [implemented projects](#) 2019, 2020, 2022

- [TU Berlin overview on funding opportunities](#) (internal & external)

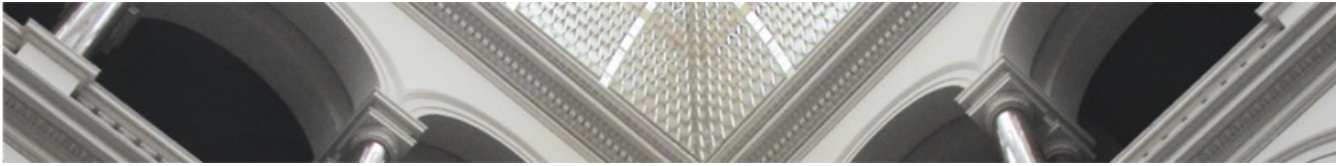
Responding to Global Challenges

SUSTAINABLE DEVELOPMENT GOALS



<https://sustainabledevelopment.un.org/sdgs>

Agenda 2030 / United Nations



Which partners in the Global South?

- Definition “Global South”: low- and middle-income countries, least-developed countries
 - Check the [OECD DAC-List of ODA recipients](#)
- Partners can be:
 - ✓ Higher Education Institutions,
 - ✓ research centers,
 - ✓ NGOs,
 - ✓ public institutions,
 - ✓ companies as associate partners.



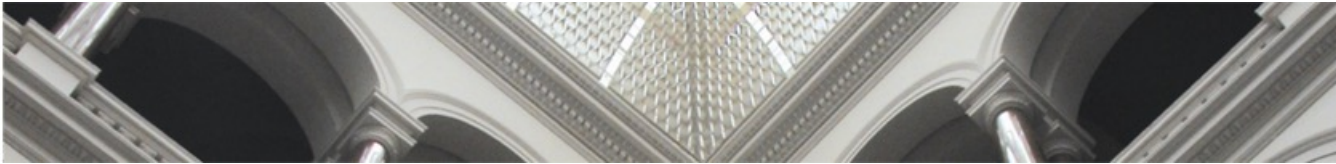
Seed Funding - Global South 2023

- **What can be funded?**
 - Short exploratory / research visits to partners and/or field for the preparation of a project proposal
 - Short exploratory / research visits to TU Berlin of partners involved in the preparation of the project proposal
 - Preparatory workshops for the elaboration of a project proposal
- **Eligible Costs**
 - 7.000 EUR/per applicant. Total pool funding available: 30.000 EUR
 - Budget according to the Federal Travelling Expenses Act (BRKG) for TU Berlin staff / fixed rates for international partners
 - Travel expenses from company staff are **not** eligible for funding



Seed Funding for cooperation with partners in the Global South 2023

- **Who can apply?**
 - Application must be submitted by a TU Berlin Chair
 - Involve TU researchers & junior researchers
 - Selected candidates are expected to prepare a project proposal for a **third party funding application**
- **What is the time frame?**
 - Call for application: open, 22 February – 16 April 2023
 - **Application Deadline: 16th April 2023**
 - Notification: mid May 2023
 - **Funding & Implementation: end of May until November 2023**



Many thanks!

Department of International Affairs - Section International Projects

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