



## **Networking Forum "EU-Higher Education Cooperation between Germany and Ghana"**

(main focus: Erasmus+ capacity building projects)

### **Project Ideas of German Higher Education Institutions**

*28. – 30. November 2018, Accra, Ghana*

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# Architecture

## Frankfurt University of Applied Sciences

<b>Academic Field of the Project</b>	Architecture, Civil Engineering, Geomatics (M.Sc. Barrier-free Systems, M.Eng. future-proof constructing)
<b>Intended Project Topics</b>	Implementation of Barrier free Concepts in Sub-Saharan Africa (Case study Ghana)

### Detailed Description of Project Idea

Based on the results of the international student workshop "PARLIAMENT WITHOUT BARRIERS 2016" in Accra, which was seen as a kick-off for barrier-free concepts in Ghana, a flagship academic program was planned for the University Curriculum. The aim is integrating the key topics "Inclusion, Accessibility and Participation" into the various study programmes at the Department of Architecture of the College of Arts and Built Environment (CABE), KNUST-Kumasi.

In direct cooperation with the interdisciplinary and unique German master program "Barrier-free Systems" at the FRA UAS, a new study focus "Barrier-free Environment Systems" has already been introduced as a PHD program at the CABE. In the academic year 2018/2019, Bachelor and Master introductory courses and projects will also be offered on this topic. This curriculum integration enables the development of joint approaches to solutions that create fundamental forms of action for the future implementation of contextual barrier-free environments. These should be universally applicable in the respective cultural context and enable unrestricted access for all. Subsequently, the curriculum will be expanded in the future in line with the requirements of the UN Convention on the Rights of Persons with Disabilities for the implementation of inclusion. At the same time it will contribute to the implementation of many of the 17 development goals required for the sustainability Agenda 2030 of the United Nations. The aim is to further develop and exchange joint teaching and research topics and to set up and structure topic-related training for doctoral and master's students.

A further building block is continuing education for built environment professionals. The aim is to offer several weeks of English-speaking and English taught, qualifying certification courses for Ghanaian built environment professionals, barrier-free experts and others who are interested in planning and implementing barrier-free environments. Teachers from both universities will be involved in the courses that will take place at both locations: FRA UAS-Frankfurt and KNUST-Kumasi. They are also open to participants from other African countries.

During the international and interdisciplinary PAMBA workshop, students from architecture, computer science and social work and health from both partner universities developed a certification system to assess the accessibility of public buildings in Ghana. This was presented to the public on the World Architecture Day in Accra and sparked great interest among representatives of politics, business, associations and universities. A further development of the assessment system in the areas of Inclusive Health and Inclusive Education have been planned to ensure the expansion of networking with the relevant stakeholders in Germany and Ghana.

### Partner Search

<b>Type(s) of Organisation(s)</b>	Universities, Universities of Applied Sciences
<b>Academic fields/disciplines</b>	Architecture, Informatics and Social Work and Health and interdisciplinary Study programs

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Hochschule Düsseldorf / Peter Behrens School of Arts - Faculty of Architecture					
<b>Academic Field</b>		Architecture, Interior Design, DesignBuild-Projects, Selfbuildingprojects			
<b>Intended Project Topics</b>		DesignBuild-Projects, Selfbuildingprojects			
Detailed Description of Project Idea					
<p>The DESIGN. DEVELOP. BUILD. PROGRAM at the Peter Behrens School of Arts in Duesseldorf (Institute for Social Impact) integrates practical teaching as a concept to strengthen social responsibility and to encourage experimental thinking. This methodology has developed a new learning methodology: As part of their academic curriculum, Bachelor and Master students learn to implement their ideas in real life and move from theory to practice. Students complete all planning and implementation phases. From the first draft sketch to detailed planning, 1:1 mockups, implementation, cost and time controlling as well as subsequently the supervision. The direct experience of the principle BUILD TOGETHER - LEARN TOGETHER has a lasting influence on students, but also on all consulting companies, sponsors and the clients of the projects. All construction costs of the projects are supported or sponsored by various foundations, associations, companies, and private sponsors. The overall effect is the education of highly aware decision-makers who are conscious about the urgent need of different areas to take responsibility in actively constructing balanced social, cultural and ecological living environments.</p> <p>As part of this programm we have realized already a project in Ghana, Volta Region – the ‘Midwives Quarters Havé’ and many other DesignBuild - Projects in Africa. The teaching concept described above supports local schools and vocational schools with our students from all over Europe to try out new techniques on site and to share our knowledge. With students from the USA, we have another institution with us that brings in a lot of creativity and innovation. We organized national and international foundations, partnerships to support the projects. An interdisciplinary exchange with sociologists, technicians as well as structural engineers - which we try to bring into the projects since the beginning - is beneficial. Within the past project we understood the need of collaborations in form of south - south and south - north exchange. The "capacity development projects" supports our teaching philosophy. With in the "capacity development projects" following questions could be raised: How could we link the university with the surrounding community? How could we deal with local stakeholders within our projects to connect them with the university? How could a university – next to the learning methodology – also learn and operate in form of their own project initiative in the surrounding area?</p> <p>In future projects in Ghana (School and Community Center in the Volta Region) we would like to amplify this component with university and institutions to teach and support how to initialize a project in the first stadiums.</p>					
Partner Search					
<b>Type(s) of Organisation(s)</b>		Universities, Craft Schools, Institutions			
<b>Academic fields/disciplines</b>		Construction, Architecture, Urban Planning			
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Hochschule Koblenz	
<b>Academic Field of the Project</b>	Architecture / Principles of Design & Architectural Design
<b>Intended Project Topics</b>	MODERNIZATION BY VIRTUAL STUDIO COOPERATION IN ARCHITECTURE
Detailed Description of Project Idea	
<p>PROPOSAL</p> <p><b>MODERNIZATION BY VIRTUAL STUDIO COOPERATION IN ARCHITECTURE</b></p> <p>1. CONTEXT</p> <p>Today all Schools of Architecture are on their way to train for global, in order to be prepared for the future. Companies and studios operate over distances or worldwide. Therefore <b>media-based study and teaching methods</b> are gaining importance. New thinking and new work meets media.</p> <p>We are facing big challenges in view of the rapid tempo of land use and urbanization. Questions of sharing with respect for the local cultural and natural conditions affect all of us. Common solutions are essential in all scales of design, building and urban planning; also the informal sector can operate as partner for change and growth. How can Africa's local techniques and combinations in a variety of options and expressions be reflected elsewhere from a new perspective? Are students encouraged to add a new understanding - e.g. sustainable solutions from the industrialized background of Germany - to their own knowledge in order to bring forward together across continents? In this spirit HS Koblenz Department Architecture invites Architecture schools in Ghana for collaboration. Experiences from Ghana are essential for this project. Thus German standards - linking ethics with aesthetics, social responsibility, resource management, sustainability and protection, etc. - can be studied easily by co-learning on different scales from urban to detail. Digital media in concept, planning, construction, simulation and controlling are essential.</p> <p>2. IMPLEMENTATION STEPS</p> <p>2.1 Short term: ACADEMIC EXCHANGE of guest professors in Germany and in Ghana. MOU.</p> <p>2.2 Medium term JOINT ANALYSIS WORKSHOP in Ghana, field trip, data collection connected to the expertise and relevant research topics of the participating professors.</p> <p>2.3 Long term VIRTUAL STUDIO: joint studio course across the continents with German-Ghanaian teams and architectural project work. Media in both partner universities enable live-broadcast presentations, juries and exams over long distances with tandem supervisors in Ghana and in Germany; possibly imbed in the respective curriculum. Further superordinate issues of modernization can be addressed. Ghanaian students can prepare for a semester in Germany.</p> <p>3. REFERENCES AND AFRICAN EXPERIENCES</p> <p>3.1 study level: ISAP 2018 - ongoing: "Architecture for Development in South Africa" (Eisermann).</p> <p>3.2.practice level: Design Build project: Midwives' Quarters, Havé Etoé, Ghana. (Niemann-Delius).</p> <p>4. FACTS AND CONTACT</p> <p>Koblenz University of Applied Sciences offers an internationally recognized consecutive architectural study Bachelor-Master programme with ratio of 12 full professorships; internationally compliant with the worldwide UNESCO UIA guidelines. In addition to the German programme a course program in English is available for exchange students.</p> <p><a href="http://www.hs-koblenz.de/architektur/information-for-incomings/">www.hs-koblenz.de/architektur/information-for-incomings/</a>  general information: <a href="http://www.hs-koblenz.de/en/rmc/international-office/study-in-koblenz/">www.hs-koblenz.de/en/rmc/international-office/study-in-koblenz/</a></p>	
Partner Search	
<b>Type(s) of Organisation(s)</b>	University, School of Architecture
<b>Academic fields/disciplines</b>	Architecture

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# Environmental Science, Biology, Development

Hochschule Mittweida

<b>Academic Field of the Project</b>	Mathematical and Statistical Modeling in Life Sciences, especially development of genetically and epidemiological Models for malaria (germs, hosts, vectors); population genetics
<b>Intended Project Topics</b>	Genetics of infectious pathogens (statistical analysis and modelling) Light microscopy pathogen detection/diagnosis using image detection Classification of mosquito species using audio analysis Teaching/training exchange

## Detailed Description of Project Idea

**Goal:** The project aims to lay the foundation of mathematical and statistical skills at WACCBIP at Univ. Ghana, AIMS (Cameroon and Ghana) and Univ. of Buea, to facilitate the scientific exchange in the infectious pathogens at the interface of genetics/molecular biology and mathematics, with particular regard to research in human immune response and malaria.

**Background:** Interdisciplinary research requires partners across disciplines to build a common ground. While mathematical modeling is often detached from reality (because neither can they be sustained by empirical data, nor can they be translated into experimental setups), life-scientists often lack the theoretical knowledge to apply cutting-edge statistical/mathematical methods (e.g. machine learning beyond the use of standard methods). The reason of the former is that mathematical models are parameterized in terms of quantities that cannot be empirically measured, or the model setup cannot be brought into an experimental context. The latter leads to misinferences, generation of hypotheses based on data-pathologies, and renders precious data sources heavily underexploited.

The DAAD-Project „Mathematics against malaria within the AIMS network“ trains students in mathematics in data-driven modeling with an emphasis on the ability to analyze genetic data with cutting-edge statistical methods. However, there is still a high demand for life-scientists to get a better training in statistics and machine learning, which is the focus of the proposed project.

Specific aims:

1. Targeted teaching activities at WACCBIP for life-scientists in statistics, programming and machine learning fitted to their research (gene expression, transcriptome analysis). This covers mathematical/statistical models, multiple-test correction, sample-size determination, power analysis, and advanced machine learning techniques, with particular regard to data augmentation and validation (importantly machine-learning algorithms perform well with large training/test data sets available, which is typically not the case in transcriptomics/genomics).

2. The degree at AIMS is not recognized by African universities as a full master degree. Hence a joint master program with Germany is highly desirable, as it brings talented African students to Germany to pursue a master degree from a German institution. This gives German companies in Africa an incentive to hire these graduates. The program shall be open to life-scientists from Univ. Ghana.



Partner Search					
<b>Type(s) of Organisation(s)</b>		Academic institutions, pharmaceutical companies, public health sector			
<b>Academic fields/disciplines</b>		Mathematics/statistics, computer sciences (machine learning), molecular biology/population genetics with applications to epidemiology & infectious diseases			
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Hochschule Rhein-Waal					
<b>Academic Field of the Project</b>			Environment Engineering, Agricultural Engineering, Biomass Utilisation		
<b>Intended Project Topics</b>			Biomass Utilisation in Ghana		
Detailed Description of Project Idea					
<p>Project idea for a future Erasmus+ project:            Biomass is produced on a large scale in Europe as well as in Africa and is often not used sustainably. These can be classic waste biomass from domestic or industrial sources as well as by-products from agricultural production or food processing. In a number of projects, the HSRW is working and researching on the utilisation of surplus biomass for energy and material use. The aim is not only to solve a disposal problem in an environmentally friendly way, but also to develop products that can be used as raw materials, animal feed or nutrients in agriculture in an economically sensible way. In the planned cooperation project, academic and practical capacities are to be built up and developed within the framework of a university cooperation with Ho Technical University and other partners which will contribute to identifying previously unused biomass flows in Ghana and establishing a possible and economically viable use. Processes already established and under development in Europe can serve as a basis for process development adapted to Ghanaian conditions.</p> <p>The following partial aspects could be addressed:</p> <ul style="list-style-type: none"> <li>- Support in the modernization and (further) development of study contents (e.g. study courses B. Tech. and M. Tech Agricultural Engineering)</li> <li>- Identification of biomass potentials in Ghana,</li> <li>- Screening for valuable ingredients, nutrients and energy contents,</li> <li>- Market analysis for the created products on national and international level,</li> <li>- Conceptual work on processes for the further processing of biomass flows,</li> <li>- Questions concerning the transport and storage of raw materials and end products.</li> </ul> <p>The aim of the project is to establish high-quality training of qualified specialists and experts in the field of biomass utilisation in Ghana, reflecting the current state of the art in technology and science. Existing potential shall be used with the help of local companies and thus, following the idea of sustainability, both an economic, as well as an ecological and social advantage shall be achieved.</p> <p>Based on an existing partnership between the Rhine-Waal University of Applied Sciences and the Ho Technical University, the project idea outlined above shall be implemented. Further partners, especially from the private sector, have to be identified and invited to cooperate in preparation of the project. The project also serves to qualify Ghanaian scientists within the framework of cooperative doctorates. In the context of guest stays at the HSRW, both the existing research infrastructure could be used and procedures established in Europe could be studied.</p>					
Partner Search					
<b>Type(s) of Organisation(s)</b>			Universities, Research Institutions, Entrepreneurs		
<b>Academic fields/disciplines</b>			Agriculture, Food Processing		
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Universität Bremen					
<b>Academic Field of the Project</b>		Innovation Management, ICT, Biochemistry			
<b>Intended Project Topics</b>		Research Valorization, Skills Development, Innovation Management, Lab Training, Biochemistry, Sensor Networks			
Detailed Description of Project Idea					
<p>In future cooperation projects with established partners at KNUST and associated institutions in Ghana, Bremen University (UB) would like to expand and intensify our African cooperation network with a clear focus on capacity development within three complementary approaches:</p> <p>1) As part of long-standing cooperation with partner universities in Cameroon and Nigeria, we have successfully developed training modules in sensor technologies (ICT), molecular biology and biochemistry, which are routinely deployed as mobile units between the partner institutions in Nigeria and Cameroon. We now want to transfer this system to our current partner KNUST as well as to other research institutions in Ghana. Initially, the training modules will be organised by staff from Bremen University, both at lecturer and at technician levels. In particular the extensive technician training has been very successful and is essential for a sustained didactic improvements within the partner institutions. African lecturers, who are experienced in these training modules, will participate and take over then for sustaining a training network based on South-South cooperations.</p> <p>2) Research-based learning has been a hallmark of teaching philosophy at Bremen University for over 40 years. The approach proved successfully building problem-solving competence, which in turn is urgently needed in the African academic sector, but not yet targeted by universities in a structured manner. Currently, UB is pursuing cooperation programs in several African countries to establish research-based learning approaches, e.g. in medicine curricula (Zanzibar), within a graduate school on “sustained livelihood development in rural areas” (Ngoundéré) and in innovation management in Tunisia. In each case, the teaching programs were developed in close collaboration with the African partners, building on existing efforts and based on expressed local needs. Now, we would like to transfer lessons learned to our partners in Ghana and scale-up promising practices of the cooperation network.</p> <p>3) Joint research projects integrating both, German and African students at master and at PhD level, build a strong basis for sustained partnership and increased level of competencies on both sides, i.e. research valorization for societal impact and intercultural proficiency. This approach has been successfully implemented in our partnerships with African scientists. According to their missions, Ghanaian public funded research organizations are committed to increase the employability of their students through professionalization of their curricula. However, the past has shown that on several levels, programmes and final thesis do not yet fully meet this goal and provide the necessary internationally acknowledged scientific basis. There is a lack of problem-solving competences, of employability and international experience. This project proposal is envisioned to become a holistic umbrella for students and early career researchers from different disciplines not only to be trained in their respective research fields, but will also be able to understand, reflect and appropriately address challenges of local communities and to tackle those problems with innovative solutions through knowledge transfer and entrepreneurship spirit.</p>					
Partner Search					
<b>Type(s) of Organisation(s)</b>		Universities, Research Center			
<b>Academic fields/disciplines</b>		ICT, Environmental Sciences, Biology, Biochemistry, Biotechnologies			
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**Universität Hamburg**

<b>Academic Field of the Project</b>	Wood Science, Material Science, Composite Science, Recycling, Process development, Wood physics
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<b>Intended Project Topics</b>	Wood composites, Wood processing, Use of recycling materials
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**Detailed Description of Project Idea**

In Ghana, per capita generation of plastic waste stands at 0.016–0.035 kg/person/day and plastics make up between eight-nine per cent of the component materials in the waste stream. Currently, most products and items are packaged in polyethylene which forms about 70 per cent of the plastic waste in the municipal waste stream. Additionally, over 10,000 metric tons of finished plastic products are imported annually into Ghana. Concerns have also been raised over the 1.7 million tonnes of plastic waste that is generated annually in Ghana, which could be recycled to produce affordable and sustainable building materials. Plastic shopping and carrier bags are some of the main sources of plastic waste in Ghana. Plastic bags of all sizes and colour dot the country's landscape due to the problems of misuse and overuse and littering in the country. Besides this visual pollution, plastic bag wastes contribute to blockage of drains and gutters, they are a threat to aquatic life when they find their way to water bodies, and can cause livestock deaths when the livestock consume them.

Ghana is an agricultural country with about 70% of its people involved in cultivation of various crops for food and other products which include timber and cash crops. Besides food production to feed local population, Ghana also exports a variety of other products such as cocoa which generate more than 50% of the foreign earnings for the country. This results in the generation of enormous amounts of biomass from most of the crops like maize, rice, cocoa, plantain, and others which are mostly burnt or left as waste. Addition to this is invasive plants, which are disrupting the natural succession of savannah and dry forest, reducing the availability of agricultural land for farmers and contributing to the loss of rare tree species. Several of these species (*Chromolaena odorata*; *Eichhornia crassipes*; *Salvinia molesta*; *Prostephanu struncatus*; etc.) have to be removed and are commonly used as fuel wood with very little value adding.

Considering the increasing environmental awareness, growing global waste problems at hand, it has become critical for certain actions to address the poor attitude towards environmental management and environmental sanitation towards climate. In the 21st century, waste is no longer seen as a merely unwanted or useless substance, but as a resource for new products. Plastics offer the biggest challenge because of their non-biodegradability. When plastics are burnt, they release toxic fumes into the atmosphere, pose health risks and contribute to climate change. The same applies to lignocellulosic biomass though to a lesser degree, causes depletion of trees and forests. Plastics and lignocellulosics wastes are either burned or disposed resulting in extra consumption, depletion and pollution of nature and its resources. Production of wood-plastic composites (WPCs) from these wastes will minimize the solid waste from plastics in major towns and conserve the natural resources hence reducing costs; energy and depletion of available materials.

Researching into the production of such a material for use in the various sectors of Ghana could create jobs and generate economic profit. Materials such as wood, reeds, kenaf, grasses, cotton and many other renewables allow reduced demand on fossil and other non-renewable matrix components. The primary purpose of using renewable fibre reinforcement in plastics is to reduce material cost, which has a secondary effect of reducing ecological impacts, especially when replacing non-renewable reinforcement. In the wake of climate change and increasing oil prices, the demand for sustainable and lightweight materials that can replace oil-based products has increased.

Objectives of the project

Generally, the project aims to transfer the development technology of WPC to Ghanaian academics and industry.

Specifically to;

- Develop laboratory methods for converting alternative lignocellulosics and waste plastics into forms suitable for processing into WPCs and other wood based composites.
- Optimize the laboratory methods for making WPC panels from the waste materials.
- Investigate the performance of WPCs made from recycled plastics and alternative lignocellulosics for applications in buildings.
- Reach out to industry to provide education and develop applications for WPCs.

Aim of the project

The development of WPCs from lignocellulosics and recycle plastics aim at the three Es, environmental, ecological and economical

Environmental: Reduce Waste – reduce dump and landfill (less Methane emission)

Ecological: Reduce CO2 emission by usage of renewable resource

Economical: Job creation through labour-intensive collection, sorting and recycling

#### Partner Search

<b>Type(s) of Organisation(s)</b>	University, research institutes				
<b>Academic fields/disciplines</b>	Wood Science, Material Science, Organic chemistry, mechanical engineering				
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Universität Trier					
<b>Academic Field of the Project</b>		Geography - Sustainable Development, Governance			
<b>Intended Project Topics</b>		Socio Hydrology, Urban Water Governance, Socio-ecological inequality			
Detailed Description of Project Idea					
<p>Universities need to be – more than ever – places from which innovations and transformations to address global, social, economic and environmental challenges disseminate. In this cooperation program the SDGs are starting point for different areas that are relevant for Universities and SDGs (i) Knowledge, Learning and Curriculum, (ii) Governance and Operation of the University itself and (iii) strengthening the Science-Society interface.</p> <p>There is increasing awareness that Universities play a pivotal role for the United Nations' Agenda for Sustainable Development which is a very ambitious and important global agreement to address global challenges such as ending poverty and bringing social inclusion, environmental sustainability and good governance to all people in the world by 2030. In 17 Sustainable Development Goals (SDGs) that are highly interconnected a wide range of aspects are addressed and specified in targets. Due to the complexity of the interlinkages, knowledge gaps and uncertainties there is a great need for SDG related education in order to achieve the SDGs (level of Curriculum development). On the other hand side, universities (in both the Global North and Global South) can also raise their impact and societal relevance by engaging with those challenges. And thirdly, Universities itself are places in which a transformation is needed – both on an operational level and on a governance level.</p> <p>In this project the water SDG shall be starting point for further explorations and discussions on the interlinkages between urbanisation, land use change and societal challenges such as inequality and poverty. By developing a curriculum that conceptualizes water as socially embedded and highly political a new perspective on resources are being discussed. In a later step also other essential resource and supply systems – such as Energy – shall be part of the program.</p> <p>Colleagues from various disciplines (Hydrology and Land Change Science as well as Human Geography, Gender Studies and African Studies) will be part of the consortium. Important premise is a joint learning process that avoids hierarchical processes of knowledge generation and values local knowledge and expertise. Starting point for the cooperation is the acknowledgement that also German Universities need to address the challenges posed by the SDGs, which implies a deep learning process on this side as well.</p>					
Partner Search					
<b>Type(s) of Organisation(s)</b>		University, Civil Society Organisations			
<b>Academic fields/disciplines</b>		African Studies, Urban Geography, Environmental Science, Gender Studies			
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# Economics and Business Studies

Duale Hochschule Baden Württemberg, Lörrach

<b>Academic Field of the Project</b>	Business Studies, Tourism Management
<b>Intended Project Topics</b>	Sustainable Tourism, Destination Management

## Detailed Description of Project Idea

**Goals:** The goal of this project is to establish a regular exchange programme between the tourism departments of the Cooperative State University Baden Württemberg in Lörrach, Germany and the University of Cape Coast (UCC), Ghana, in the field of Sustainable Tourism (ST). University faculty and students together with tourism stakeholders from both countries will cooperate on a mutually beneficial bi-national project. This could be, for example, in the form of a ST product realized in Ghana and marketed in Germany. The ultimate aim of the project is to increase cooperation and facilitate the exchange of Know-How between the participating universities and business sectors.

**Format:** The programme will require that faculty and students from both universities spend a one-week period abroad at the partner university each year. The first part of the study abroad period will be devoted to learning about Best Practice examples in the field of ST in both countries through local field trips and interaction with local tourism actors. Students will be encouraged to consider the transferability of these concepts to their own contexts. The second component of this initiative is to identify a tourism project that students from both countries will initiate and which will be continuously maintained and developed by participating students in subsequent years. The project will be supervised by tourism faculty of both institutions and informed by the relevant tourism stakeholders. The project will form the basis for a long-term cooperation between the universities and tourism sectors.

**Rationale:** German tourists represent a significant proportion of international travellers who are increasingly opting for more responsible forms of tourism. Ghana, on the other hand, is a country with considerable tourism development potential, especially in the spheres of cultural and nature-based tourism. By combining these interests, this project offers numerous mutual gains for participating partners both in industry and academia.

**Outlook:** It is hoped that this project can be extended to include other interested accredited universities in Western and Southern Africa.

## Partner Search

<b>Type(s) of Organisation(s)</b>	Tourism sector: Destination managers, tourism operators
<b>Academic fields/disciplines</b>	Business Management, Destination Management, Sustainable Tourism

## Contact Persons

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Hochschule Fulda University of Applied Sciences					
<b>Academic Field of the Project</b>			Economics/Business/Logistics		
<b>Intended Project Topics</b>			Capacity-building and/ or KA 107		
Detailed Description of Project Idea					
<p>Fulda University, would like to enhance the cooperation with its partner in Ghana, by establishing a Capacity-Building Project to transfer knowledge in the field of teaching as well as research. As part of the bilateral agreement with Koforidua Technical University, which is currently being finalized, Fulda University of Applied Sciences offers the development of study programmes as well as the technical support for e-learning capacities, thus in the future joint lectures can be executed together. Furthermore, it is a goal to foster staff exchange for job shadowing at its partnering institutions. The Department of Business of Fulda University, has applied for the right to award doctoral degrees in the field of Logistics and Supply Chain Management. In medium-term development, this offers the opportunity for potential candidates from Ghana to pursue a PhD especially in the field of Logistics. Faculty exchange for teaching purposes and student exchange are planned for the future.</p>					
Partner Search					
<b>Type(s) of Organisation(s)</b>			Universities, University Colleges, Technical Universities		
<b>Academic fields/disciplines</b>			Business, Economics, Logistics		
Contact Person					
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Hochschule Neu-Ulm University of Applied Sciences					
<b>Academic Field of the Project</b>		Applied Entrepreneurship, Development of a Company, Innovationsmanagement International Management			
<b>Intended Project Topics</b>		Applied Entrepreneurship Transfer-oriented teaching & research			
Detailed Description of Project Idea					
<p>Hochschule Neu-Ulm University of Applied Sciences (HNU) is an international business school with 3 academic departments (Business &amp; Economics, Information Management, Health Management) and 1 department for Professional &amp; Postgraduate Studies. HNU's Africa Institute has a strong experience since 2005 in capacity building projects and professional education programmes co-funded by DAAD and/or GIZ with long-term partner universities in Eastern and Southern Africa (especially in Ethiopia, Kenya, Tanzania and South Africa). Subject areas in these projects are healthcare management, applied entrepreneurship, logistics &amp; resource management and commercialization of research. Our focus in these activities is bringing practice-orientation of education &amp; research concepts and best practices to our partner universities with the goal to support their transformation towards entrepreneurial universities.</p> <p>We intend to increase our activities and networks to Ghana as an important economic player in Western Africa. We are looking for university partners in Ghana, which plan to build &amp; increase capacities in applied entrepreneurship education and transfer-oriented learning, teaching &amp; research methodologies. We also plan to jointly develop and implement application-oriented education programmes on curriculum level (e.g. Master in Renewable Energies &amp; Entrepreneurship) and/or as post-graduate education offers in cooperation with partner universities in Ghana.</p>					
Partner Search					
<b>Type(s) of Organisation(s)</b>		Public & Private Universities			
<b>Academic fields/disciplines</b>		Business & Entrepreneurship, Information Management, Healthcare Management			
Contact Person					
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Hochschule Wismar - University of Applied Sciences Technology, Business and Design	
<b>Academic Field of the Project</b>	Robert-Schmidt-Institut (Staff unit of the Rectorate), Project Coordination
<b>Intended Project Topics</b>	Entrepreneurship, Interdisciplinarity, Organizational Development
Detailed Description of Project Idea	
<p>Our possible offers for Ghanaian partners can also be combined with the offers of other German universities in a consortium. One example is the project Collaboration for Entrepreneurial Universities with the lead partner Hochschule Bonn-Rhein-Sieg in Kenya. We offer support in three areas: Lehrerbildung</p> <p>1. Networking of universities and their resources with regional decision-makers (administration, business, NGOs, etc.) and their resources. We offer the method of interdisciplinary ideacams, which has been successfully tested in South Africa. At the same time, the employability of the participating students is strengthened. In an idea camp, several interdisciplinary student teams vie for the best idea to solve a practical problem. This task will be coordinated with regional decision-makers who work on the jury and sponsor prizes / resources.</p> <p>2. Bringing academic education closer to the needs of the regional economy through a "dual" degree program. In doing so, we support universities in the acquisition of business enterprises that enable high-performing students to gain practical experience during their studies through internships or models of work-integrated learning. In addition, individualized contracts are concluded between the companies and the universities for such students, so that the students can deal primarily with problems of this company, even while doing housework etc., and are scientifically supervised by a university teacher. As a result, university teachers also gain a better insight into the needs of companies. This leads to an improvement of the teaching. The funded students create their future job while studying and quickly become an executive in the company.</p> <p>3. Commercialization of academic offers to improve the economic base in universities through offers to companies and external parties. With its subsidiary WINGS GmbH, Wismar University is one of the most successful providers of distance learning courses and further education. All of these offers are commercial. As a result, more than 70 jobs were created at our location and the economic efficiency of the university was strengthened.</p> <p>4. At our university, the Robert Schmidt Institute is established as a central service institution / staff unit of the university management. It bundles advice and support for business start-ups, career services and cooperation with regional business enterprises for all disciplines. The advantage of such a concentration of forces lies in the systematic development of competencies and the promotion of interdisciplinary cooperation within the university, as well as in an improved external impact.</p> <p>In addition to these three areas, we are interested in an employee exchange.</p>	
Partner Search	
<b>Type(s) of Organisation(s)</b>	Universities, Applied Universities, Business Associations and Companies
<b>Academic fields/disciplines</b>	Business Administration, Organizational Development, Entrepreneurship, Innovation Management, Leadership, Networking

Contact Person					
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Technische Universität Bergakademie Freiberg					
<b>Academic Field of the Project</b>		Mining economics, Economics of resources, Mine planning, Environmental impact studies, Environmental management			
<b>Intended Project Topics</b>		Resources Development, Sustainable Mining, Remediation Management			
Detailed Description of Project Idea					
<p>TU Bergakademie Freiberg has two Study Programmes as Master's Level related to Mining</p> <p>1. Advanced Mineral Resources Development: <a href="https://tu-freiberg.de/en/international/advanced-mineral-resources-development">https://tu-freiberg.de/en/international/advanced-mineral-resources-development</a> - this study programme is offered in co-operation with other dedicated universities in Austria, China, Iran, Portugal and Ukraine -- no African University is involved</p> <p>2. Sustainable Mining and Remediation Management  <a href="https://tu-freiberg.de/en/studies/sustainable-mining-and-remediation-management-master">https://tu-freiberg.de/en/studies/sustainable-mining-and-remediation-management-master</a></p> <p>Since two years, applications for both study programmes have rapidly increased and up to the intake capacity limits. Many students come from African Subsaharan countries with substantial natural resource sectors and the first generations of these study programmes have graduated.</p> <p>The aim of my participation in the event consists in two objectives:</p> <p>(i) promotion of TU Bergakademie Freiberg as an internationally oriented university with a dedicated profile towards the sustainable use of natural resources</p> <p>(ii) finding a partner university or partner universities with an interest in participating in the Master's Study Programmes of TU Bergakademie Freiberg mentioned above:</p> <p>1. Advanced Mineral Resources Development  2. Sustainable Mining and Remediation Management</p> <p>Possibilities for co-operation are as follows:</p> <ul style="list-style-type: none"> <li>- Organisation of courses</li> <li>- Receiving and sending students</li> <li>- Establishment of joint curricula or parts thereof</li> <li>- Joint coaching of final student projects</li> <li>- Co-operation in PhD research for young scientists</li> </ul>					
Partner Search					
<b>Type(s) of Organisation(s)</b>		Universities			
<b>Academic fields/disciplines</b>		Mining economics, Economics of resources, Mine planning, Environmental impact studies, Environmental management			
Contact Person					
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# Language, Cultural Studies, Education

Universität Bayreuth

<b>Academic Field of the Project</b>	Intercultural German Studies
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<b>Intended Project Topics</b>	
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## Detailed Description of Project Idea

Within the framework of the GIP between U Bayreuth, U d'Abomey-Calavi (Benin) and U Lomé (Togo), which has been funded by the DAAD since 1 January 2017, the two African partners suggested establishing contacts with Ghana.

Following preliminary talks with the representative of the German Unit at the University of Education Winneba (UEW), Dr. Franck Dovonou, and the DAAD Lecturer in Ghana, Mrs. Lena Leumer, a detailed discussion took place at the University of Education on 19 April 2018. The University of Education was represented at a high level; Mr. Hans-Helge Sander, Representative a.i. of the Federal Republic of Germany, Embassy of the Federal Republic of Germany Accra, the DAAD Lecturer in Ghana, Ms. Lena Leumer, and Prof. Dr. Gesine Lenore Schiewer, Chair for Intercultural German Studies at the U Bayreuth University also participated.

The topics of discussion were the great interest of Ghanaian students in German and the concrete plans of the university management of the University of Education Winneba to further expand the German Unit.

- In the course of the introduction of the new BA German Studies for winter semester 2018/2019, the UEW strives to establish an exchange in the region. Among other things, this refers to internships that teachers at the already well-established German Studies Institutes at the U Lomé and Abomey-Calavi are to complete, to a dynamic exchange regarding curriculum design and the organisation of student trips.

- The visibility and perception of BA German Studies in Ghana is to be promoted in order to strengthen the significantly lower interest in German in Ghana as an Anglophone country so far and thus to increase the still considerably lower number of students (cf. data collection 'German as a foreign language worldwide' of the Federal Foreign Office of Germany (available at <http://www.auswaertiges-amt.de/cae/servlet/contentblob/364458/publicationFile/204449/PublStatistik.pdf>).

- As Ghana has become more and more important for Germany as a cooperation partner in business and higher education, the development of the German language and culture in the region is a central goal.

- Intercultural competences should be extended to include components relevant to regional exchange between English-speaking and French-speaking countries.

- Strong cooperation in the field of German studies in the West African region should contribute to "professionalisation", i.e. to enabling graduates to enter the labour market. In this context, talks are already being held with the German Embassy in Ghana and the Bavarian Ministry of Economic Affairs with a view to supporting the training of vocational school teachers at Ghanaian universities. Contact has also been made with the Rhein-Bonn-Sieg University of Applied Sciences, which is already involved.

## Partner Search

<b>Type(s) of Organisation(s)</b>	University
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<b>Academic fields/disciplines</b>	Intercultural German Studies
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## Contact Person

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<b>Full Name of Organisation</b>	Universität Bayreuth
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<b>Department</b>	Intercultural German Studies
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<b>Function</b>	Professorship for Intercultural German Studies
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Universität Hamburg					
<b>Academic Field of the Project</b>			International Department		
<b>Intended Project Topics</b>			Research Cooperation, Student Exchange		
Detailed Description of Project Idea					
<p>The Universität Hamburg is not yet active in the western part of Africa. Due to fact that I am of Ghanaian origin with knowledge of language and culture the department Manager sees the chances of my taking part in „Erasmus+ Networking Forum “EU-Higher Education Cooperation between Germany and Ghana” as a crucial and the first step in preparation for an application for a Project in the area of Capacity Building between the Universität Hamburg and a University in Ghana, specifically with the University of Education in Winneba (UEW). Main aim is to develop concepts for exchange of students, summer schools and research cooperation.</p>					
Partner Search					
<b>Type(s) of Organisation(s)</b>			Universities, Faculties		
<b>Academic fields/disciplines</b>			Education, Department of Biology		
Contact Person					
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Universität Stuttgart					
<b>Academic Field of the Project</b>		New German Literature / Heterogeneity and Inclusion in teacher education			
<b>Intended Project Topics</b>		Curricula development, quality insurance, heterogeneity and inclusion			
Detailed Description of Project Idea					
<p>With its long-term expertise in accompanying the German Studies Department in Ouagadougou, the philosophical-historical faculty at Universität Stuttgart would like to assist the University of Winneba in developing its German Studies program as well as affiliated programs (e.g. French) and would like to reach out to Linguistics, Modern Languages and Theatre at the University of Ghana at Legon, to whose Theatre Department contacts exist. In the frame of Erasmus + Capacity Building, the idea is to set up a cooperation between the two Ghanaian universities, the Université Ouaga I, the Université de Koudougou, both Burkina Faso, Universität Stuttgart and another European university which needs yet to be determined. The fact that Winneba combines French and German Studies in one department is favorable to a cooperation with a francophone country; a Burkinabè-Ghanaian cooperation could enhance the respective language competence considerably. Such a cooperation could cross the language divide and make a change in Burkinabè university cooperations which focus predominantly on francophone neighboring countries.</p> <p>Focusing on the development of teaching curricula, didactics, and pedagogy on university level, the project wants to share the knowledge and competence in curricula reform and didactics acquired during the eight years of cooperation with the Université Ouaga I. Furthermore, it would like to transfer the competence in didactics and teacher education acquired in the project "Lehrerbildung Plus/Teacher's Education Plus", funded by the Federal Ministry of Education and Research to its West African partner universities. The project wants to work out teaching methods aware of inclusion and diversity as well as of the challenges of the West African classroom together with its partners. The aim is to assure quality in teacher education on the one hand and to encourage high-level scholarship on the other. Stuttgart's research projects as well as its cooperation with the German Literary Archive in Marbach make it an attractive place for humanities research. The project wants to tackle curricula questions on BA, MA and PhD level and helps to qualify future researchers. While its focus is on specific subjects (French, German, Linguistics, Theatre), transversal topics like inclusion and didactics can be opened up to other departments. Work on specific curricula, contents, and didactics can be supplemented by workshops on heterogeneity and didactics open to a range of departments.</p>					
Partner Search					
<b>Type(s) of Organisation(s)</b>		University of Accra, University of Winneba			
<b>Academic fields/disciplines</b>		German, French, Linguistics, Theatre			
Contact Person					
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<b>Mechanical and Process Engineering</b>					
<b>Hochschule Düsseldorf</b>					
<b>Academic Field of the Project</b>		Energy Economics, Renewable Energies, Energy Efficiency, Concepts of sustainability, Sustainable Transformation of Energy Systems			
<b>Intended Project Topics</b>		Practical oriented curriculum reform, linking universities with regional small and medium sized enterprises (SME)			
<b>Detailed Description of Project Idea</b>					
<p>The higher education landscape in Ghana is ongoing important chances. This is also valid for the field of energy production. Currently the possibilities of practice-oriented teaching and testing facilities at many Universities are strongly limited, e.g. renewable energy is addressed at universities in Ghana, but the coordination to a super ordinate goal is lacking.</p> <p>We'll present a project, concerning improvement of curriculum towards practice oriented learning in the field of renewable energy. Idea is to have a first evaluation about the existing knowledge within curriculum lessons, then to reform the lessons within mutual projects in accordance to the capabilities of the universities. The curriculum reform will help to focus universities on sustainable regional development.</p> <p>The scholars' activities need administrative support as organisation of exchange, implementation within the structures of the home university, communication within the home university and dissemination outside and, of course, funding of projects. The task of an International Office is to search for the best administrative, organisational and also financial support for international scientific activities.</p> <p>The administrative part of the project concerns a quick start of exchange. Implementing curriculum reforms in Ghana needs a direct experience of German methods, didactics and effects of teaching and learning in a practical oriented study programme. The bilateral exchange of teachers and students needs funding and therefore talks will prepare the application for an ERASMUS+ KA 107 action.</p> <p>A benefit of a practical oriented learning is that students can contribute to industry projects. Focus is to help universities to get linked with the knowledge demand of regional companies to foster regional welfare. Conclusion will be that Ghanaian Universities can contribute to the economic success of regional companies. The curriculum reform will get a higher practical relevance by in-cooperation of regional companies in the university education. This is of immense importance to improve the connection of the universities with the society and strengthen the socio-economic impact.</p> <p>Therefore we I would like to discuss ideas for mutual projects of universities and regional companies to implement practice oriented curriculum lessons in the field of sustainable transition of the energy system.</p>					
<b>Partner Search</b>					
<b>Type(s) of Organisation(s)</b>		Universities, private companies, small and medium sized enterprises			
<b>Academic fields/disciplines</b>		Engineering, Social Sciences, Architecture			
<b>Contact Persons</b>					
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# Medicine

Universitätsmedizin Göttingen

**Academic Field of the Project**

Medicine

**Intended Project Topics**

Infection Control, Immunology,  
Epidemiology, Mycology

## Detailed Description of Project Idea

### 1. Wound Infection Network Ghana (WING)

Secondary infections of Buruli ulcer lesions and other chronic wounds as well as surgical site infections are health complications with high socioeconomic impact in sub-Saharan Africa. Detailed analyses of wound infections are hampered by the lack of anaerobic culture and determination of fungal pathogens in most studies performed so far. Likewise sophisticated subtyping technologies for source tracking of pathogens involved in wound infections are nearly absent in most sub-Saharan countries. Considering the frequent use of herbal medicinal products as first-line treatment for wound infections in sub-Saharan Africa, we hypothesize that the microbiome of infected wounds treated by traditional healers differs significantly from the ones treated using orthodox medicine, thus posing a high threat for the development of chronicity and disability. In our Ghanaian-German research project, samples from wounds will be taken and a thorough history will also be taken to determine the kinds of treatments the person has undergone. By this strategy, we aim to characterize the composition of putative pathogens found in the microbiome of wounds from patients who have experienced the application of herbal medicinal products topically (to be expected in most patients living in rural areas; Eikwe and Agogo) versus those treated with antibiotics (to be expected in most patients living in urban areas; Accra). Subtyping the respective pathogens by MALDI-TOF MS-based methods or whole-genome sequencing will allow source tracking and guide for subsequent molecular analysis of potential virulence factors. Further investigations will help to understand immunological modulation of wound healing by different herbal medicinal products. Finally, socioeconomic studies will allow determination of respective risk factors for acquiring wound infections as well as to reveal the socioeconomic impact of chronic wound infections for the individual and the community. This interdisciplinary approach will open multiple doors for human capacity building in order to establish sustained cooperations between Ghanaian and German students, scientists and doctors.

### 2. Non-traumatic intestinal perforation (NoTIP) – a neglected infectious complication in sub-Saharan Africa

The outcome of intestinal infection varies from asymptomatic colonization to diarrhoea through to fulminant colitis with intestinal perforation (IP). In contrast to Europe, this life-threatening complication is rather frequently observed in sub-Saharan Africa. Although IP has been attributed to several different pathogens, it is thought to occur especially in patients who suffer from typhoid fever or Clostridium difficile infection (CDI). Interestingly, we have identified a high prevalence of non-toxigenic C. difficile strains in Ghana, which might express a different repertoire of virulence factors. We hypothesize that (i) host-dependent factors, (ii) specific pathovars/hypervirulent bacterial strains, or (iii) co-infections play a central role for the development of IP. We want to shed light into this issue by using interdisciplinary approaches combining clinical epidemiology with microbiological typing analyses of intestinal pathogens, socioeconomic investigations and the application of the Geographic Information System (GIS). The fact that co-infections (e.g. other intestinal bacteria, Schistosoma or soil-transmitted helminths) are likely hyper-prevalent in sub-Saharan Africa, points to an innovative concept of how IP might develop. By cross-linking this scientific project with interdisciplinary training units for African doctoral students and young scientists we aim to foster their future career to become networkers who address a

problem not only from a single view but in a broader sense.

### 3. Promoting mycology in Ghana (PROMYG)

Although the prevalence and severity of candidiasis and cryptococcosis remain high in Africa, the vast majority of studies on pathogenic strains of *Candida* and *Cryptococcus* have been accomplished outside of Africa. This is mainly due to the fact that mycology is a neglected discipline in most sub-Saharan African countries, including Ghana. Equally important, although HIV/AIDS may be a significant risk factor, elucidating other factors responsible for severity and high mortality in HIV-negative patients is essential. Consequently, the epidemiological situation of candidiasis and cryptococcosis needs to be monitored in much more detail in Ghana to be able to (i) identify risk factors, (ii) trace putative associations between living conditions and outcome of disease, and (iii) develop strategies that help to prevent these mycoses under conditions of economic poverty. In the proposed project we will focus on *Cryptococcus* and will use *Candida* as a comparator, concentrating on *Candida* isolates from invasive infection (mainly candidemia). In this way, our scientific approaches will allow an understanding of the epidemiology and pathogenesis of the most dangerous mycoses in selected African countries with subsequently implementing strategies to prevent, diagnose and treat these neglected diseases. Our proposal aims (i) to understand the distribution and resistance patterns of *Cryptococcus* and *Candida* species in HIV-positive and in HIV-negative human individuals, as well as in animals and the environment, (ii) to investigate risk factors including the impact of socioeconomic factors and the influence of tropical living conditions for transmission of disease, (iii) to analyze fungal CW and capsular proteins in regards to their association with virulence, (iv) to improve diagnosis of cryptococcosis caused by unencapsulated strains, and by following these aims in a joint programme (v) to support scientific education (human capacity building) and to intensify cooperation with research facilities in the African partner institutions.

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# Social and Political Sciences, Societal Engagement

Hochschule für Öffentliche Verwaltung Kehl

<b>Academic Field of the Project</b>	Bachelor- and Master Degrees
<b>Intended Project Topics</b>	Public Administration and International Development Cooperation

## Detailed Description of Project Idea

A functioning public administration is a key prerequisite for sustainable development. But inefficient structures, corruption, abuse of authority and the waste of public resources are among the strongest obstacles to development in Africa. There is a high need for well-trained professionals in the area of development cooperation for and within public administrations.

Kehl University of Applied Sciences on Public Administration (Germany), which campus is situated just opposite to the European capital of Strasbourg, is developing a Master's Programme in 'Public Administration and International Development Cooperation'. The programme will be offered in cooperation with at least four African partner universities (in French- and English-speaking countries).

Students from African and European Countries will not only acquire the necessary skills to design and implement development strategies, but will also learn methods and concepts of public management and apply them to real life projects. Target groups:

1. Full- and part-time employees working in administrations and/or involved in development cooperation
2. University graduates preparing for development cooperation who need intense practical experiences.

The 'blended learning' concept allows for a flexible time management (e.g. because of job or family). Students will meet twice a year at different places (Europe, Africa) and study in mixed multi-national groups.

Content, skills and methods are acquired by (1) study letters (2) projects in the field of development cooperation and public admin. (3) internships / shadowing (4) e-learning (5) face-to-face teaching. These settings simulate the future work situation in development cooperation: work in culturally and linguistically heterogeneous groups over spatial distance with few personal meetings.

The master programme will start in autumn 2020. Kehl University plans to cooperate with four partner universities and the first partnership agreement has already been signed. The partnerships have to be completed asap, so that the partner universities can have an impact on the fine-tuning of the concept.

The joint development of the Master's programme (which may be implemented as Erasmus+ capacity building project), in close cooperation between all partners, will allow the African partner universities to improve their capacities, especially in the field of blended learning and modern competence-oriented curriculum development, and to create a sustainable South-South cooperation between the African partners.

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Partner Search					
<b>Type(s) of Organisation(s)</b>			Administration, Development Cooperations, University, Alumni		
<b>Academic fields/disciplines</b>			Development Cooperation		
Contact Person					
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<b>Full Name of Organisation</b>			Hochschule für Öffentliche Verwaltung Kehl - University of Applied Administrative Sciences		
<b>Department</b>			Bachelor- and Master Degrees		
<b>Function</b>			Professor and Dean		
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Hochschule für Technik und Wirtschaft Berlin (HTW Berlin)	
<b>Academic Field of the Project</b>	Management of Programs and Cooperation with local, regional and international partners
<b>Intended Project Topics</b>	Interaction among university, society and private sector; Knowledge transfer and employability; Public Management and Applied Sciences;
Detailed Description of Project Idea	
<p>The HTW Berlin is a very modern University of Applied Sciences, which offers an impressive range of over 70 Bachelor's and Master's degree programmes to almost 14.000 students in the fields of technology, computing, economics and design. Traditional sciences like Mechanical or Automotive Engineering and Business Administration go hand-in-hand with more contemporary studies such as Life Sciences, Construction and Real Estate Management, Professional Business-IT-Solutions or Renewable Energy Systems.</p> <p>The HTW is regularly distinguished for the high quality of its study programmes. Together with other key qualifications, practical internships are a mandatory and integral part of each student's experience at the HTW Berlin. Besides learning and teaching, the third mission "outreach and transfer" towards society and the private sector became more important over the last years.</p> <p>Current topics focusing on information society as well as energy-related issues and global challenges. Whereas some business-related cooperation concentrates on promoting entrepreneurial start-ups and improving the competitiveness of small and medium-sized enterprises, other academic projects addresses social-economics and political policies, such as labour market policies, globalization or the effects of digitalization. World wide HTW Berlin works together with big companies but also small and medium-sized businesses, unions, associations, HEIs, and research institutions to fulfil these objectives and goals.</p> <p>HTW Berlin would like to share this experience and work together with HEIs in Ghana and partner universities in the Netherlands within a new Capacity Building Project financed by EU/DAAD (joint project). We could learn from each other how to realize and manage better services inside our universities and how to establish reliable and successful relations with society, companies and public sector.</p> <p>The envisaged joint project should deliver the knowledge and understanding for a broader and practical approach in teaching and learning at the university. Faculties in Berlin/Germany and Ghana together with experts from "Career Service", "International Office" and "Cooperation Centre for Applied Sciences" shall develop and realize a range of capacity building activities to improve the services of their university. Together we aim on the ability of employees and the university itself to perform functions, solve problems, and set and achieve objectives in a sustainable manner.</p> <p>The joint project could focus for example on university services offered in the area of placement/internships, applied research with industry or business start-ups. However, we will center on knowledge exchange and transfer, but the details and project outline has to be discussed and developed together with the participating HEIs.</p>	
Partner Search	
<b>Type(s) of Organisation(s)</b>	University/HEI

<b>Academic fields/disciplines</b>		Administration and Management, Career Service, Global and Regional Engagement			
<b>Contact Person</b>					
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<b>Full Name of Organisation</b>		Hochschule für Technik und Wirtschaft Berlin (HTW Berlin)			
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<b>Function</b>		Head of International Office			
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Universität Duisburg-Essen					
<b>Academic Field of the Project</b>		International Relations, Peace and Conflict Studies, Development Studies			
<b>Intended Project Topics</b>		Africa's International Relations / Changing Dynamics of Regionalism			
Detailed Description of Project Idea					
<p>The Institute of Political Science at the University Duisburg Essen, one of the largest educational and research institutions for political science in Germany is aiming to strengthen its institutional teaching and research cooperation in the area of international relations, peace and conflict and development studies. Our Institute has a strong research and educational focus on development studies and international relations (with particular emphasis on the Global South), and is offering with its two master Programs International Relations and Development Politics (two years) and Development and Governance (one year) a good starting point for mutual exchange of staff and students.</p> <p>Within the Erasmus+ cooperation framework, we propose to establish a network around Africa's changing international relations with relevant partner organizations in Ghana sharing our experience in the field and establishing structures for exchange. We strive to foster the collaboration between African and European actors and create an institutionalized link for cooperation with a special focus on student mobility contributing to the development of academic and administrative capacity. We have a long record of accommodating MA students from Ghana within our fully English-taught MA Development and Governance program which is also supported by DAAD through its Helmut-Schmidt Program (Public Policy and Good Governance).</p> <p>The University of Duisburg Essen is highly experienced in the management of international cooperation projects, and has already worked with academic institutions in Ghana. Ghana is particularly well placed to serve as a regional hub for academic research collaboration about the changing dynamics of African regional and international relations, which might reach out to academic institutions in neighbouring countries or link up to existing transnational academic networks.</p>					
Partner Search					
<b>Type(s) of Organisation(s)</b>		Academic			
<b>Academic fields/disciplines</b>		Political Science; International Relations, Peace & Conflict Studies			
Contact Person					
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Universität Oldenburg					
<b>Academic Field of the Project</b>			Migration Gender		
<b>Intended Project Topics</b>			Migration Studies		
Detailed Description of Project Idea					
In the context of the EMJMD “European Master Migration and Intercultural Relations” we are interested in further developing relationships with African universities in the field of migration. Emphasis would be on jointly developed activities, including Erasmus+ Capacity Building. Two suggestions: a) labour market skills for Migration Studies Graduates with MA degrees, b) developing structured PhD programmes in migration studies					
Partner Search					
<b>Type(s) of Organisation(s)</b>			Universities		
<b>Academic fields/disciplines</b>			Migration		
Contact Person					
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<b>Full Name of Organisation</b>			Universität Oldenburg		
<b>Department</b>			Migration Gender		
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## **Contacts & Useful links**

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DAAD – German Academic Exchange Service  
Unit EU03 – Partnerships and Cooperation Projects  
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Elisabeth Tauch, [tauch@daad.de](mailto:tauch@daad.de)

Delegations of the European Union throughout the World

[http://www.eeas.europa.eu/delegations/index\\_en.htm](http://www.eeas.europa.eu/delegations/index_en.htm)

ERASMUS+ general information

[http://ec.europa.eu/programmes/erasmus-plus/index\\_en.htm](http://ec.europa.eu/programmes/erasmus-plus/index_en.htm)

Erasmus+ Funding opportunities for institutions

[http://ec.europa.eu/erasmus-plus/funding\\_en](http://ec.europa.eu/erasmus-plus/funding_en)

Capacity Building in the field of Higher Education (CBHE)

[http://eacea.ec.europa.eu/erasmus-plus/actions/key-action-2-cooperation-for-innovation-and-exchange-good-practices/capacity-0\\_en](http://eacea.ec.europa.eu/erasmus-plus/actions/key-action-2-cooperation-for-innovation-and-exchange-good-practices/capacity-0_en)

Erasmus Mundus Joint Master Degrees (EMJMD)

[http://eacea.ec.europa.eu/erasmus-plus/actions/key-action-1-learning-mobility-individuals/erasmus-mundus-joint-master-degrees\\_en](http://eacea.ec.europa.eu/erasmus-plus/actions/key-action-1-learning-mobility-individuals/erasmus-mundus-joint-master-degrees_en)

Jean Monnet Activities

[http://eacea.ec.europa.eu/erasmus-plus/actions/jean-monnet\\_en](http://eacea.ec.europa.eu/erasmus-plus/actions/jean-monnet_en)

<http://eu.daad.de>