

REFERENCE : 581221-PANAF-1-2016-1-BJ-PANAF-MOBAF

TITLE: Enhancing training and research mobility for novel crops breeding in Africa

DESCRIPTION With the ever-growing population size, food and nutrition insecurity has become one of the biggest challenges in sub-Saharan Africa while the continent is endowed with a rich agricultural diversity that can be valued to overcome hunger and poverty. Unfortunately, the region is critically short in plant breeders capable to develop cultivars and stimulate seed systems that meet communities' needs in the face of climate changes. Despite the initiatives to train crop scientists, many countries still lack skilled and innovative breeders at national research institutions as well as in universities. At academic level, training breeders to improve and exploit the tremendous potential of indigenous crops diversity has rarely attracted researchers until recently. This project MoBreed (Mobility for Breeders in Africa), a consortium of five African universities together with one European technical partner, intends to 1) produce 10 high profile plant breeders (PhD holders) that will address current and future challenges related to climate change and agriculture with focus on 10 promising underutilized plant species of Africa, 2) train a new generation of 30 scientists (MSc holders) with strong capacity to increase knowledge and prospects on the selected orphan crops used in Africa for food and nutrition security and the crop production and seed industry, 3) harmonize seven MSc and six PhD training programmes and research agenda on the use of neglected and underutilized crops to increase resilience of food production systems, 4) enhance collaboration and programmatic agenda among five African higher education institutions that promote neglected and underutilized research and training for agricultural innovations within Africa. MoBreed will increase opportunities in the agribusiness sector and provide opportunities to accelerate the positive transformation of African agriculture.

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	Ebonyi State University, NG	PAR
	JIMMA UNIVERSITY, ET	PAR
	UNIVERSITY OF KWAZULU-NATAL, ZA	PAR
	UNIVERSITY OF NAMIBIA, NA	PAR

Application Grant Requested	EUR 1,453,000
Contract Duration	54 months

REFERENCE : 581272-PANAF-1-2016-1-ZA-PANAF-MOBAF

TITLE: Africa Regional International Staff/Student Exchange:Food Security and Sustainable Human Wellbeing II

DESCRIPTION In accordance with the objective of the call for proposals, the overall objective of the project INTRA AFRICA - Africa Regional International Staff/Student Exchange: Food Security and Sustainable Human Wellbeing (ARISE) II is to promote sustainable development and ultimately contribute to poverty reduction by increasing the availability of trained and qualified high level professional manpower in Africa and thereby improve the skills and competences of students and staff through enhanced intra-African mobility.

The project will particularly aim to enhance mobility and collaborative research in the areas of Agriculture / Food Security and Health Sciences. The partnership takes particular note of the number of students through INTRA ACP ARISE who are currently pursuing Agriculture / Food Security related courses (16 out of 38) and medical sciences (9 out of 38). To the partnership this is indicative of those fields of research as being critical priority areas of national development in the partner countries and the African continent at large. Hence the fields of study focussed on in ARISE II further leverages and builds on the commitment by the Consortium under ARISE to develop African capacity in the area of Food Security and Sustainable Human Wellbeing.

The partnership represents higher education institutions situated in 3 regions of the African continent including an associate partner and a technical partner in the European Union:

University of Cape Town (South Africa)
Makerere University (Uganda)
Addis Ababa University (Ethiopia)
University of Ghana (Ghana)
University of Leuven (Belgium) – technical partner – EU
International Education Association of South Africa: IEASA (South Africa - associate partner)

All the partner members are currently members in the INTRA ACP ARISE Project.

ARISE II will offer a total of 46 mobility opportunities - 30 Masters, 11 doctoral and 5 staff.

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	MAKERERE UNIVERSITY, UG	PAR
	University of Ghana, GH	PAR
	International Education Association of South Africa, ZA	PA-ASC

Application Grant Requested EUR 1,353,975

Contract Duration 60 months

REFERENCE : 581261-PANAF-1-2016-1-KE-PANAF-MOBAF

TITLE: African Biomedical Engineering Mobility: Building needs-based healthcare technology competencies.

DESCRIPTION Africa faces a significant burden of disease, including infectious and non-communicable diseases, which continue to strain health systems. Technology is however playing a key role in improving the quality and cost effectiveness of healthcare services in Africa, yet such technologies can simultaneously bear heavily on African countries owing to limited resources and a lack of skills. This leaves the continent reliant on foreign technical expertise and technology, which is often inappropriate for use in the African context. It is therefore imperative that Africa develop a strong health technology research and development base to support needs-based health technology innovation for better health on the continent. To this end, health technology research and training is a strategic development priority for Africa that can be fulfilled by biomedical engineering graduates skilled in the development of health technologies. The African Biomedical Engineering Mobility (ABEM) programme will build human and institutional capacity in Africa for needs-based health technology research and development. Outputs from this programme will include the training of up to 22 MSc and 10 PhD graduates with skills and specialisations not offered at their home institutions. Furthermore, it will support the development of biomedical engineering programmes that are being established, or are recently established, at partner institutions and contribute toward harmonising biomedical engineering programmes across the continent. Research project outputs are expected to include datasets, algorithms, methodologies and technologies, as well as co-authored publications, reviews and conference papers. Overall, the project will enhance employment opportunities for graduates, enhance staff research profiles and teaching competencies, enhance institutional research profiles and inter-university cooperation, and support the development of solutions for health challenges from an African perspective.

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	CAIRO UNIVERSITY, EG	PAR
	COLLEGE OF MEDICINE, UNIVERSITY OF LAGOS, NG	PAR
	MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY, UG	PAR
	UNIVERSITY OF CAPE TOWN, ZA	PAR
	Uganda Industrial Research Institute, UG	PA-ASC

Application Grant Requested EUR 1,386,925

Contract Duration 60 months

REFERENCE : 581241-PANAF-1-2016-1-CM-PANAF-MOBAF

TITLE: Reinforcing Coherence Relevance and Partnership in Computer Engineering Education in Africa

DESCRIPTION The impact on students is improving their technical, linguistic, and intercultural behaviour facilitating their employability. The beneficiaries have learned to adapt to a different cultural environment, to communicate better with others. Given the prescribed objectives and the limited time assigned to them, they have learned to organize, focus on goals and develop a work plan to achieve those goals. The stay in their mobility will bring a positive attitude to solve problems and achieve goals and, in turn, this will lead to develop self-confidence to face new challenges. The beneficiaries will be the future ambassadors of multiculturalism, dialogue and peace.

The impact in terms of administrative staff will be in terms of strengthening the internationalization of management capabilities: organization and monitoring of mobility; dialogue with foreign institutions, production and management of documentation for the recognition of study periods abroad, management of inter-institutional agreements, language courses for foreign students organization, organization of cultural immersion events, support administrative organization for international travel, visas and other residence permits, administrative monitoring of people in mobility.

At the institutional level (aspects such as the recognition of studies among partners, creation of international cooperation structures in HEIs participants, etc.)

At the institutional level, the expected impact will be: a) a better understanding of the process of internationalization and its implications in terms of recognition of studies; b) a normal progression to joint projects process, double diplomas and joint degrees between the partner universities; c) improved institutional performance in implementing projects that support the harmonization of programs in the Hemisphere; d) a more open attitude on partnership, inter-institutional cooperation, the pooling of capacity (teacher exchanges, joint laboratories, joint research subjects)

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	UNIVERSITE MOHAMMED V DE RABAT, MA	PAR
	University of Cape Town, ZA	PAR
	UNIVERSITY OF KAIROUAN, TN	PAR
	UNIVERSITY OF NIGERIA, NG	PAR

Application Grant Requested EUR 1,497,450
Contract Duration 60 months

REFERENCE : 581220-PANAF-1-2016-1-KE-PANAF-MOBAF

TITLE: Academic Mobility for African Sustainable Development

DESCRIPTION The project Academic Mobility for African Sustainable Development (AMAS) creates a great stage for contextual and evidence-based development for Africa with effective knowledge exchange between five universities in four distinct regions: MU, Kenya (leading applicant); UM5R, Morocco; AAU, Ethiopia; UAC, Benin; UEM, Mozambique; and UBT, Germany (technical partner).

AMAS is based on long-standing experience of each of the partners in management of international projects. All partners have intensively worked together since 2007 within the BIGSAS network.

AMAS is innovative since it implements internationalisation by a) building on Common thematic Fields of Study (CFS) that create the common ground of exchange of students and staff; and b) identifying study programmes, which are unique at each of the participating institutions. They form a set of Special Benefit Programmes (SBP). They offer distinctive specialisations at the host institutions, which add unprecedented value to a student's formation not available at the home institutions. The students' experiences will influence the development, enhancement and harmonisation of existing programs and the implementation of new study programmes at the home institutions.

The participating institutions accommodate the particular needs of the distinct target groups carefully. 1. Most of the participants in the mobility will be credit-seeking: 2/3 of the MA and all PhD students. The reasons are twofold: a) This reflects the distinct life cycles of individuals who have family obligations, which do not allow them to leave for long-term studies; b) The shorter period of credit seeking mobility allows for higher number of mobility within the same general financial framework. 2. Every participating institution will send to and will host the same number of students and staff from the other partners. 3. An important focus of the project is to assure gender balance in the envisaged mobility: 50% of the mobile academics shall be women.

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	UNIVERSIDADE EDUARDO MONDLANE, MZ	PAR
	UNIVERSITE D'ABOMEY-CALAVI, BJ	PAR
	UNIVERSITE MOHAMMED V DE RABAT, MA	PAR

Application Grant Requested EUR 1,432,200
Contract Duration 60 months

REFERENCE : 581253-PANAF-1-2016-1-MA-PANAF-MOBAF

TITLE: Coopération Africaine des Programmes Internationaux pour la Mobilité

DESCRIPTION Face aux défis soulevés par l'Afrique pour réduire la pauvreté, contourner la précarité et faire face aux inégalités sociales et celles relatives aux genres, un consortium de six universités africaines (Université Hassan 1er – Maroc (coordinateur), Université de Carthage – Tunisie, Université Cheikh Anta Diop – Sénégal, Université de Yaoundé II – Cameroun, Université de Toamasina – Madagascar, - Université de Djibouti) a conjugué les efforts et les potentiels pour répondre à l'appel à projet du programme de la Commission Européenne. L'assistance technique est assurée par l'Université de Rouen. Il s'agit du programme de mobilité Inter-Africa géré par l'Agence Exécutive de l'Education, Audiovisuel et Culture. Ainsi, un projet de mobilité a été élaboré. Il porte le nom de : Coopération Africaine des Programmes Internationaux pour la Mobilité avec l'acronyme CAPITUM, mot latin signifiant tête. Il traduit la volonté de préparer des dirigeants africains compétents, moteurs du développement. À travers ce programme, le projet compte améliorer la qualité de l'enseignement supérieur via la promotion de l'internationalisation et l'harmonisation des programmes et des cursus. La mobilité concerne les étudiants en Master et en Doctorat ainsi que le personnel académique et administratif. A terme, au bout de cinq ans, un total de cent vingt mobilités sera réalisé pour former des cadres supérieurs dans les domaines prioritaires des pays à savoir : agriculture et sécurité alimentaire, ingénierie, infrastructures et énergie, sciences de l'éducation et sciences de la santé, sciences sociales... Le projet permettra de créer un réseau africain permanent mettant l'accent sur les besoins régionaux dans des domaines thématiques spécifiques en formant un pool d'intellectuels. Il s'agit de jeunes, femmes et hommes, responsables et jouissant d'une expérience internationale facilitant leur intégration au marché de l'emploi et incarnant les valeurs universelles de compétences et d'ouverture

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	UNIVERSITE CHEIKH ANTA DIOP DE DAKAR, SN	PAR
	UNIVERSITE DE YAOUNDE II, CM	PAR
	Universitté de Djibouti, DJ	PAR
	UNIVERSITY OF TOAMASINA, MG	PAR
	UNIVERSITE D'ANNABA , DZ	PA-ASC

Application Grant Requested	EUR 1,500,000
Contract Duration	60 months

REFERENCE : 581260-PANAF-1-2016-1-MA-PANAF-MOBAF

TITLE: Internationalization of evaluation systems, master programs and doctoral research within african universities through academic mobility

DESCRIPTION The MOUNAF mobility program involves four regions of Africa, six african universities (from Morocco, Ethiopia, Mozambique, DR Congo & South Africa) and one european university. It aims to contribute to the capacity building of human resources and the development of international cooperation of partner universities by implementing a program of 117 mobilities (59 master students, 26 doctoral and 32 academic and administrative staff) in the thematic areas: a) Agriculture and food security b) Engineering, including infrastructure and energy c) Educational Sciences The thematic areas a and b will be addressed regarding transdisciplinary approach. The analysis of their impact on participatory development will rely on cross- disciplinary fields (Humanities, Technology of information and Communications and thematic area c).

Our program seeks to harmonize evaluation systems in partner universities and improve the internationalization of master and PhD curricula. In this sense, eight intermediate results are expected:

- IR1: Administrative and legal conditions are developed within the partnership for improved university support services and management procedures
- IR2: Project information is disseminated accordingly to a common agreement and the visibility of the project is enhanced
- IR3: Mobility agreements with students and staff are developed and arrangements for academic monitoring of scholarship holders are facilitated within partner universities
- IR4: Academic and administration staff is trained and the quality of training is enhanced
- IR5: Exchanges are conducted and transdisciplinary approaches are suggested and tested and cross-modules are designed
- IR6: A credit transfer system is implemented in pilot courses and an appropriate diploma supplement for each training program is developed
- IR7: Evaluation systems of doctoral teaching and research are harmonized and adopted
- IR8: Networks are developed, sustainably and good practices in the organization.

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	UNIVERSITE CADI AYYAD, MA	PAR
	Université de Kisangani, CD	PAR
	University of Limpopo , ZA	PAR

Application Grant Requested EUR 1,303,802

Contract Duration 60 months