

Search for a Spanish Partner for a Bilateral R&D Project

Organization	
Date of Request:	12/04/2023
Company name:	Ghana-India Kofi Annan Center of Excellence in ICT (AITI-KACE)
Contact person and title/ designation:	Frederick Yeboah, Director of Research and Innovation
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SECTION 1: Entity launching the partner search

(Please give brief / to the point explanations. For more explanation on any point below, you may add a short paragraph as an annexure, with this document.)

Sector	ICT Research, Human Training Capacity Building and Consultancy
Entity mission or core functions	<p>Mission: The Ghana India Kofi Annan Centre of Excellence in ICT seeks to provide globally competitive Research and Innovation, Consultancy and Advisory Services, Human and Institutional Capacity Building through hands-on, quality-oriented and demand-driven products and services for accelerated national development to serve the 21st century</p> <p>Core Functions:</p> <ul style="list-style-type: none"> • Develop and organise continuous professional development courses for IT Professionals including theory and practice of ICT and related disciplines. • Study, research, experiment and endorse innovations to enhance digital government development. • Promote and coordinate ICT awareness programmes for citizens in line with emerging trends and technologies for national development. • Provide consultancy services to both public and private sectors in ICT project design, development, implementation, monitoring and related services. • Encourage and promote the commercialisation of research and development results for revenue generation.

Date of establishment	9 th December, 2003
Ownership (if public and traded, add stock exchange and ticker symbol)	Ghana- India Kofi Annan Center for Excellence in ICT/ The ICT Capacity Development Agency, Government of Ghana
Total number of employees	85
Number of employees in R&D	22
Key products sold or services provided	<ul style="list-style-type: none"> • e-Government solutions • Professional training and certificate training • Consultancy services for private and public entities • Innovation and Human and Institutional Capacity Development in ICT
Entity core technical competences	<ul style="list-style-type: none"> • Familiarity with policy and operations within UN, World Bank, and EU systems at global, regional and country levels. • Experienced in monitoring, review and evaluation in capacity development programmes. • Experienced in developing e-Governance solutions and complex software systems. • High-level facilitation and participatory assessment skills. • Experienced in delivering digital skills training to all groups in society. • Experienced in long and short-term work with development programmes. • A team of professional consultants who can both deliver the outputs and flexibly support the process of delivery. • Proven ability in keeping up-to-date, in fast-moving situations and with dynamic development approaches. • Sensitivity in working across hierarchies, cultures and in local languages other than English. • Highly skilled faculty with industry experience. • Long-term experience of working in partnership with international and national NGOs.
Key R&D programs and activities	<ul style="list-style-type: none"> • E-Leave Solution An enterprise web-based leave management solution based on the Human Resource Management Policy Framework and Manual of the Public Services Commission, Ghana. • e-Asset Management System A web-based real-time asset management system for organisations. Features include online request, approval and assignment of assets in multiple locations. The solution tracks all assets even after decommissioning. • Invoicing and Revenue Mobilisation Platform This unique web-based solution promotes the implementation of cashless operations within organisations and supports various business processes. • Performance Appraisal Platform Web-based real-time

	<p>employee performance appraisal system. Features include goal-setting for employees, undertaking mid-year review and end of year performance appraisal. The solution is based on the PSC Staff Performance Management process.</p> <ul style="list-style-type: none"> The focus is to develop and apply research and innovative technologies for socio-economic development of Ghana.
Examples of accomplishments	<ul style="list-style-type: none"> Developed Ghana's first GNU/Linux Operating System called Nyansapo Operating System Solutions (NOSS). The Educational version of NOSS called EduNOSS has been endorsed by the UN Secretary-General's Roadmap for Digital Cooperation to offer critical support to countries in the West Africa sub-Region to meet SDG 4: Quality Education by 2030. The Centre has collaborated with Donors and Development Partner in providing digital skills to Ghanaians to support the development of the Digital Economy in Ghana and to promote digital inclusion, especially among marginalised groups and communities. Trained 40,000+ people in Ghana, the West African Sub-region and Africa as a whole in various programmes and training interventions in areas of Information and Communication Technology. Several of our graduates are in influential positions in the Information Technology departments and organisations in Africa and beyond. Ghana's Micro, Small and Medium Enterprises (MSME) sector has benefited from an information-sharing platform to help MSME's acquire and share important business-related information. The platform also known as the digital gateway was designed and developed by AITI-KACE with support from UNDP to help MSMEs share and access real-time information that will enable appropriate action for decision makers, MSMEs owners/leaders, and academia. The digital gateway has three main modules namely Info hub, Forum and Market Place. As a result of the digital gateway, MSMEs can now have access to relevant business, tax, financial, training and other information to improve their business operations. With this new platform, MSMEs can have business discussions and post issues they experience in the course of their trading activities. Service providers across Ghana also can advertise their services to the registered users of the system.
Company strategic orientation	<p>Support applied research leading to product and service, provision of industry demand-driven training, and the development of ICT-based solutions including both software systems and AI-systems.</p>

SECTION 2: Spanish Company Profile

(Please provide a brief summary of the prospective partner company or organization. This summary may address some or all of the points below)

Profile of ideal technology partner	AITI-KACE requires an industry partner that can apply Artificial Intelligence(AI) and exponential technologies to improve quality and quantity of Ghana's cash crops. This is to ensure sustainable agriculture production across value chain.
Core technological competencies and expertise	The company should have competencies in applying artificial intelligence technologies to identify quality cocoa beans and categorize them. Company should also be able to apply the same AI, ML and related technologies to other cash crops to address crop traceability issues
Other essential qualifications (e.g.: ownership, track records etc.)	The company should have experience serving public institutions, private firms, International Development Agencies, NGOs, Civil Society Organisations and Regional blocs on the use of Artificial Intelligence
If you have a list of companies with whom you are in contact or interested in contacting, please provide contact details	Yet to determined
If you are interested in collaboration: please specify details and other important information you want to share with a potential company	<ul style="list-style-type: none"> • Machine Learning, Deep Learning • Consultancy and Advisory • Front end and back end development • Quality assurance • Research Financing • Publicity
Interested areas of collaboration	Applications of Artificial Intelligence, Internet of Things, Drones in sustainable development particularly agriculture and rural health.
Specific R&D contribution you are seeking/offering	Technology to identify the various cocoa beans categorization and to apply to other cash crops. Address crop traceability issues

Signature

Name:

Date:

Frederick Yeboah
12/04/2023

