

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

Organization	
Date of Request:	14/04/2022
Company name:	West Africa Centre for Water, Irrigation and Sustainable Agriculture (WACWISA), University for Development Studies, Tamale, Ghana
Contact person and title/designation:	Ing. Prof. Felix Kofi Abagale/ Director
E-mail:	fabagale@uds.edu.gh
Phone number:	+23337299728
Mobile number:	+233206663848/+233264869838
Website:	https://wacwisa.uds.edu.gh

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	Academic and Research
Entity mission or core functions	<p>Developing skills and knowledge of young men and women to provide practical and sustainable localized technologies/solutions to challenges of water resources, irrigation, agricultural development, climate change and food and nutrition security in Africa. The core functions are graduate level training, research and knowledge transfer through short courses. Specifically, the Centre runs MPhil. and PhD programmes in:</p> <ul style="list-style-type: none"> - Sustainable Agriculture and Food Systems - Irrigation and Drainage Engineering - Integrated Water Resources Management - Environmental Management and Sustainability
Date of establishment	January, 2019 (WACWISA)
Ownership (if public and traded, add	University for Development Studies/Public

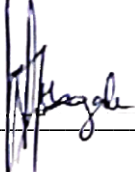
stock exchange and ticker symbol)	Institution of Higher Learning/Government of Ghana
Total number of employees	One Thousand, Nine Hundred and Ninety (1990)
Number of employees in R&D	Six Hundred and Twenty (620)
Key products sold or services provided	<ul style="list-style-type: none"> - Academic training at the professional and graduate levels (Masters/PhD) - Undergraduate/ Bachelor's training - Cutting-edge research and consultancy services - Knowledge transfer services (academic-industry linkages)
Entity core technical competences	Design and development of localized and sustainable irrigation and water resources technologies; and design and implementation of skills gap training using tailor-made irrigation, and sustainable agricultural water management training programs for industry.
Key R&D programs and activities	<p>Undertake applied and advanced research contributing to new and emerging knowledge and technologies is the core focus of the Center. Projects include:</p> <ul style="list-style-type: none"> - Smart irrigation - Sanitation - Etc.
Examples of accomplishments	<p>The Centre since its establishment has graduated a number of MPhil and PhD students from the west African sub-region; conducted several Professional Short Courses for industry players and also conducted several development research related to its core mandate. Please we need to list the achievements like</p> <ul style="list-style-type: none"> - Development of a solar-pump irrigation training site
Company strategic orientation	The Centre's strategic orientation is towards the strengthening of its industry partnerships for business innovations, incubation and commercialization. Thus, the Centre is strategically positioning itself for sustainable Knowledge Transfer Partnerships (KTPs) that can potentially transform its research outputs and innovations into viable commercial products.

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	WACWISA requires an industry partner that is into the production of climate-smart technologies including greenhouse and irrigation equipment that can help farmers to engage in all year-round production of quality food crops for improved food and nutrition security.
Core technological competencies and expertise	The company should have technological competencies and expertise in designing and producing state-of-the-art greenhouses, irrigation equipment and related technologies.
Other essential qualifications (e.g.: ownership, track records etc.)	The company should have track record in producing quality climate-smart irrigation technologies that are adaptable to African climate or weather conditions, durable and affordable; the company should also have experience and good relationship working with training and research institutions and should preferably has experience working in Africa or ready to establish a branch/subsidiary in Ghana or West Africa. The company should have expertise in knowledge transfers in the area of expertise.
If you have a list of companies with whom you are in contact or interested in contacting, please provide contact details	Not available
If you are interested in collaboration: please specify details and other important information you want to share with a potential company	The West African Centre for Water, Irrigation and Sustainable Agriculture (WACWISA) is an African Centre of Excellence for Development Impact (ACE Impact), established in 2019 by the University for Development Studies (UDS) with funding support from Government of Ghana and World Bank. It is envisioned “to be a leading world-class academic and research Centre specialized in irrigation, water resources, sustainable agriculture, climate change and food and nutrition security” with a mission

	<p>of “developing skills and knowledge of young men and women to provide practical and sustainable technologies/solutions in its thematic areas. Thus, the Centre is seeking an industry partner to support its knowledge transfer agenda – training of young people with interests in entrepreneurship in the agricultural sector to help incubate and commercialize its innovations through startups. The Centre aims to provide cutting-edge research findings and innovations to the industry partner to support the co-design, planning and production of new climate-smart technologies and irrigation equipment that are socially acceptable, culturally agreeable, economically viable, gender sensitive, user-friendly, generationally stable, politically neutral and environmentally sustainable to the target populations.</p>
<p>Interested areas of collaboration</p>	<p>Climate-smart technologies for training and research for agribusiness innovations, incubation and commercialization especially focusing on greenhouse technology.</p>
<p>Specific R&D contribution you are seeking/offering</p>	<p>We are offering knowledge into the four segments of greenhouse technology (i.e: structures and covers, climate systems, growing systems and monitoring systems) as well as labour and land saving technologies to facilitate capacity building and commercial production of high value crops.</p>



Name: Ing. Prof. Felix K. Abagale

Date: