

**Search for a Spanish Partner for a
Bilateral R&D Project (this document will be shared with potential Spanish
companies)**


Organization	
Date of Request:	26 of January 2019
Organization name:	Suez Canal University
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SECTION 1: Your Company Profile <i>(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.)</i>	
Business Sector	Higher education and scientific research
University mission or core functions	SCU university heading for its community aims to provide opportunities to its student for learning and education which capable of competition and provide work opportunities in its wide field at globalization era responding its community needs and eager to develop values within it without compromised to abandon our identity.
Date of establishment	The history of Suez Canal University (SCU) dates back to 1976 when the university was established by the presidential decree no. 93 for 1976.
Ownership (if public and traded, add stock exchange and ticker symbol)	Public University
Total number of employees	The number of senior staff members today exceeds 1497 assisted by 1485 junior staff, members. As for the administration, the university employs more than 6481 employees in 25 central directorates shouldering the administrative work in collaboration with the university and faculty administrations.
Number of employees in R&D	The number of senior staff members today exceeds 1497 assisted by 1485 junior staff, members.
Key products sold or services provided	N/A
Company core technical competences	Education and scientific research.

Key R&D programs and activities	<ol style="list-style-type: none"> 1- Technology Innovation and Commercialization office of SCU. 2- Biotechnology Research Institute of SCU. 3- Fund raising office of SCU.
Examples of accomplishments	<p>SCU got many international projects with EU some of their codes are:</p> <ol style="list-style-type: none"> 1- 511118-TEMPUS-1-2010-1-GR-TEMPUS-JPCR 2- 543879-TEMPUS-1-2013-1-GR-TEMPUS-JPCR 3- 573881-EPP-1-2016-1-EL-EPPKA2-CBHE-JP. 4- 585917-EPP-1-2017-1-IT-EPPKA2-CBHE-JP 5- 586437-EPP-1-2017-1-AT-EPPKA2-CBHE-JP 6- 598757-EPP-1-2018-1-EG-EPPKA2-CBHE-JP 7- 598636-EPP-1-2018-1- EG-EPPKA2-CBHE-JP E
Company strategic orientation	The strategic orientation of SCU university is knowledge transfer and sustainable innovation.

<p>SECTION 2: Partner of Interest <i>(Please provide a brief summary of the prospective partner company or organization. This summary may address some or all of the points below)</i></p>	
Profile of ideal technology partner	A company yield enhancing plant products to the agricultural industry. The company technologies have been actively developed in response to the increasing global demand for improved agricultural efficiency and greater environmental care; and its products leave no residual impact on the environment.
Core technological competencies and expertise	Meet the expectations of customers and the nutritional needs of different crops around the world, pursue minimum environmental impact: with these objectives, the requested company should always invested in research and development, developing processes and solutions that are highly innovative.
Other essential qualifications (e.g.: ownership, track records etc.)	N/A
If you have a list of companies with whom you are in contact or interested in contacting, please provide contact details	N/A
If you are interested in collaboration: please specify details and other important information you want to share with a potential company	The USAID has identified bean and tomato production in Egypt as priority crops for Egyptian agricultural research. Egyptian tomato production occurs primarily on small farms that are one to three acres in size, according to the International Fund for Agricultural Development. Small farm growers may not have access to the equipment, training and technological tools necessary to combat many of the hurdles common to sustainable vegetable production in Egypt, including drought, saline soils, plant diseases, insect-vectored viruses, and other insect pests. Our goal is to increase the sustainability of Egyptian tomato production by

	<p>developing a strategy for using fungal endophytes to overcome these challenges. We will screen endophytes isolated from medicinal plants, plants with known resistance to drought and salinity, and tomatoes grown in Egypt and the USA for the ability to colonize tomato plants using a variety of inoculation techniques. The effects of these endophytes on disease and insect resistance, heat, drought, salinity will help to develop a strategy for employing the endophytic fungi in tomato production. The mechanisms by which these fungi confer beneficial traits will be investigated to ensure appropriate implementation and further development of fungal endophyte-mediated resistance to biotic and abiotic stresses in tomato production.</p> <p>I would like to collaborate with agricultural companies which working on the field of developing biostimulants from biochar and endophytes to enhance nutrient uptake and modulate nutritional parameters in different crops e.g. tomatoes, maize...etc</p>
Interested areas of collaboration	Agricultural biostimulants production companies and suppliers.
Specific R&D contribution you are seeking/offering	<p>I'm seeking R & D with at least two of the “Sustainable Development Goals (SDG)” indicators of the United Nations:</p> <ul style="list-style-type: none"> ❖ SDG-2 “Global food loss index to avoid end hunger and promote sustainable agriculture” by increasing soil productivity through overcoming some abiotic stresses (we will mitigate drought and salinity stress) ❖ SDG-12 “Ensure responsible consumption and production” in particular by ensuring high productivity and reducing the overuse of chemical fertilizers such as NPK by the use of alternative promising and sustainable technologies.



Signature

Name: Ahmed M. Abdel-Azeem

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