

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

Organization	
Date of Request:	10 th of June, 2019
Company name:	Central Laboratory for Agricultural Climate
Contact person and title/ designation:	Dr. Maha L. Elsayed
E-mail:	elsayed.maha@gmail.com
Phone number:	+202 2 403 95 96
Mobile number:	+2 0122 566 13 84
Website:	http://www.arc.sci.eg/InstsLabs/Default.aspx?OrgID=23&TabId=0&lang=en

SECTION 1: Your Company Profile

(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.)

Business Sector	Agriculture
Company mission or core functions	Governmental research organization
Date of establishment	1996
Ownership (if public and traded, add stock exchange and ticker symbol)	Government
Total number of employees	165
Number of employees in R&D	62
Key products sold or services provided	Agro climatic services
Company core technical competences	Meteorological stations, Remote Sensing tools, Weather forecasting units, and Climate

Key R&D programs and activities	<p>change simulating Growth Chambers</p> <ol style="list-style-type: none"> 1- Agro-Metrological Res. Dept., 2- Soilless Culture Res. Dept., 3- Climate Modification Res. Dept., 4- Biological Agriculture Res. Dept.
Examples of accomplishments	<p>Many types of agro-meteorological web applications available at CLAC and distributed among agencies of ineterst, in addition to:</p> <ol style="list-style-type: none"> 1- Completing and updating the agricultural meteorological database. 2- Assessing plant growth, yield and expected risks. 3- Conducting agricultural meteorological-related research. 4- Producing cut flowers, medicinal and aromatic plants and vegetable crops under soilless agriculture Conditions. 5- Follow-up with research on organic agriculture and promoting its concepts among farmers. 6- Modifying greenhouse atmosphere by using novel greenhouse structures for better ventilation and full control. 7- Evaluating cucumber hybrids developed under different climatic conditions.
Company strategic orientation	<ol style="list-style-type: none"> 1- Incorporate the agricultural meteorological data into the Geographical Information System (GIS). 2- Simplify agriculture climate-related technologies for extension purposes. 3- Work out solutions to problems resulting from ecological imbalance.\ 4- Propose inert media for large-scale manufacturing. 5- Promote organic agriculture and simplify its technologies. 6- Design hydroponic units for domestic use. 7- Continue the on-going breeding program for the development of cucumber and tomato varieties and hybrids. 8- Conduct applied screening research to select saline tolerant varieties of cantaloupe. 9- Produce cucumber hybrids tolerant to adverse climate conditions.

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>	
Profile of ideal technology partner	Internet and electronic technologies , sensors for meteorological stations, and agro-technological activities
Core technological competencies and expertise	They should be able to innovate and apply the mentioned technology in an optimum way in accordance with agricultural needs.
Other essential qualifications (e.g.: ownership, track records etc.)	It should respect the safety rules and regulations having the track records of its activities.
If you have a list of companies with whom you are in contact or interested in contacting, please provide contact details	I do not have it
If you are interested in collaboration: please specify details and other important information you want to share with a potential company	We need a partner who is ready to collaborate in R&D calls for projects and keep in contact electronically or physically in such kind of projects, in case we get the needed fund.
Interested areas of collaboration	Partner who deals with geographic information technology, smart climate agriculture, internet of things.
Specific R&D contribution you are seeking/offering	Shared activities will be monitored and we are seeking for a partner which can monitor using the standard criteria

Signature: 

Name: Maha L. Elsayed

Date: 11th of June, 2019