

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

Organization	
Date of Request:	4 th March 2021
Company name:	International Center for Biosaline Agriculture
Contact person and title/ designation:	Prof. Nhamo Nhamo; Senior Agronomist
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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 Research and Development
Company mission or core functions	ICBA identifies, tests and introduces resource-efficient, climate-smart crops and technologies that are best suited to different regions affected by salinity, water scarcity and drought. Through its work, ICBA helps to improve food security and livelihoods for some of the poorest rural communities around the world.
Date of establishment	1999
Ownership (if public and traded, add stock exchange and ticker symbol)	
Total number of employees	62
Number of employees in R&D	22
Key products sold or services provided	Agricultural Research and Development in Marginal areas
Company core technical	Crops: Breeding, Agronomy, Water

competences	management; Value chain development; Technology Development; Technology Dissemination
Key R&D programs and activities	Crop Improvement and sustainable production Management of Natural Resource in Marginal Environments Climate change Modeling and Adaptation Integrated Agri-aquaculture Systems
Examples of accomplishments	Crop varieties suitable for saline soils and temperature extrem environments
Company strategic orientation	Strategic objectives <ul style="list-style-type: none"> • Promote sustainable management of natural resources • Provide climate change solutions • Enhance agricultural value chains • Advance sustainable food, feed & biofuel agri-technologies

SECTION 2: Partner of Interest

(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	Developers of sensing technologies for use in agriculture research and developemnt. A range of sensor types suitable for: <ul style="list-style-type: none"> a. sensing crop internal and externa environments, b. soil mineral and organic nutrients, biological organisms, moisture c. Sending the sensed information using wireless mode. d. Digitizing Sensed information e. Unmanned data colleting sensors
Core technological competencies and expertise	Digital sensing technologies useful in agriculture
Other essential qualifications (e.g.: ownership, track records etc.)	<ul style="list-style-type: none"> • A good track record of making affordable sensors for field installation. • Durable sensors for harsh environments • Experience in adapting sensor

	technology to field needs
If you have a list of companies with whom you are in contact or interested in contacting, please provide contact details	None
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"> • Yes • Research and proof of concept may lead to shared patterns on technologies. • Need collaborator who respects IP rights.
Interested areas of collaboration	Sensors for agriculture in open fields and closed production systems
Specific R&D contribution you are seeking/offering	<p>Seeking:</p> <ul style="list-style-type: none"> • Sensor engineering technology expertise <p>Offering:</p> <ul style="list-style-type: none"> • Agricultural experience • Innovative smart farming experience • Farming clientele needs knowledge and experience.

Signature

Name:

Date: