

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

Organization	
Date of Request:	December 22, 2018
Company name:	Sidi Mohamed Ben Abdellah University - Fez / Morocco Pole of Research, Energy and Sustainable Development
Contact person and title/ designation:	Prof. EL QANDIL Mostafa: Professor of Higher Education, Laboratory Natural Resources, Environment and Sustainable Development (RNE2D) at the Faculty of Sciences Dhar El Mahraz-Fez- Sidi Mohamed Ben Abdellah University- Morocco. Prof. AMEGOUZ Driss: Professor of Higher Education Coordinator of Research, Energy and Sustainable Development (PREDD) and Director of the Productive, Energy and Sustainable Development Laboratory (LPEDD) at the Higher School of Technology of Fez- Sidi Mohamed Ben Abdellah University- Morocco. Mlle. M'LAHFI Basma: Phd Student at the Faculty of Sciences Dhar El Mahraz-Fez- Sidi Mohamed Ben Abdellah University- Morocco.
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Website:	http://www.usmba.ac.ma

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	<i>University Sidi Mohamed Ben Abdellah (USMBA)</i> Higher Education and Scientific Research. <i>Company "Hiba Béton Structures (HBS):</i> Buildings and Public Works
Company mission or core functions	<i>USMBA:</i> Higher Education and Scientific Research (www.usmba.ac.ma) <i>HBS company:</i> Production and marketing of concrete products (www.hibabeton.com)


Date of establishment	<p><i>USMBA:</i> 1975</p> <p><i>HBS company:</i> 2010</p>
Ownership (if public and traded, add stock exchange and ticker symbol)	<p><i>USMBA:</i> Public</p> <p><i>HBS company:</i> Limited liability company (SARL)</p>
Total number of employees	<p><i>USMBA:</i> 104 921 (Professors+ Phd students+ Students+ Administrative staff)</p> <p><i>HBS company:</i> 63 employees</p>
Number of employees in R&D	<p><i>USMBA:</i> 5049 (Professors+ Phd students)</p> <p><i>HBS company:</i> 5 employees</p>
Key products sold or services provided	<p><i>USMBA</i> Higher Education and Scientific Research</p> <p><i>HBS company:</i> Concrete building materials (Floors, Agglos, Hourdis, ...); Concrete products for outdoor landscaping (curbs, pavers, slabs, ...).</p>
Company core technical competences	<p><i>USMBA:</i></p> <ul style="list-style-type: none"> - Qualified teachers - Well-equipped laboratory - Opening on scientific collaborations - Partnership with Hiba Beton company - ... <p><i>HBS company:</i></p> <ul style="list-style-type: none"> - Partnership with Sidi Mohamed Ben Abdellah university for R&D; - Sharing know-how with European experts; - The factory has European machines of high technology; - Internal laboratory equipped; - Openness to innovation; - ...
Key R&D programs and activities	<p><i>USMBA:</i> -See with the USMBA Foreign Service</p> <p><i>HBS company:</i></p> <ul style="list-style-type: none"> - Development of new product formulas; - Innovative products; - Investment on new machines; - Supervision of trainees on their graduation projects; - Member of building materials associations - ...
Examples of accomplishments	<p><i>USMBA:</i></p>

	<p>-See with the USMBA Foreign Service</p> <p><i>HBS company:</i></p> <ul style="list-style-type: none"> - Manufacture of ecological and optimized products of cement (contributes to the release of greenhouse gases); - Production of new products for flooring with polychrome surfaces; - Participation in seminars on new ecological and thermally insulating products
Company strategic orientation	<p><i>USMBA:</i></p> <ul style="list-style-type: none"> - Energy efficiency and clean energy; - Smart buildings and cities - Aromatic and medicinal plants; - Water management - ... <p><i>HBS company:</i></p> <p>Development of new building materials based on biosourced concrete for the thermal insulation of the walls of buildings to meet the requirements of Moroccan thermal building regulations (RTCM) and global requirements for energy efficiency.</p>

<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	<p>Production of concrete materials for energy efficiency in buildings; Development of new materials for sustainable construction.</p>
Core technological competencies and expertise	<ul style="list-style-type: none"> - Mastery of the raw material of insulation products; - Mastery of manufacturing processes; - Knowledge of the thermal and mechanical properties of new insulating materials; - Knowledge of the global requirements of thermal building regulations.
Other essential qualifications (e.g.: ownership, track records etc.)	no specifications
If you have a list of companies with whom you are in contact or interested in contacting, please provide contact details	no specifications
If you are interested in collaboration: please specify details and other important information you want to share with a potential company	<p>The results of research done on new products. Results of laboratory tests of components at research centers; The results of concretization of the results</p>

	on the industrial scale.
Interested areas of collaboration	<ul style="list-style-type: none"> - Study the strengths and weaknesses of new building insulation based on ecological products (especially biosourced concrete); - Develop new solutions for the constraints found.
Specific R&D contribution you are seeking/offering	<ul style="list-style-type: none"> -Collaborate on the implementation of insulating products based on biosourced concrete and ensure their proper application. -Collaborate on analyzes and tests to be performed on the raw material and on the finished product





Signature _____
Name: EL QANILY.
Date: 14/01/18