

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

Organization	
Date of Request:	14-06-2019
Company name:	Green Energy Park
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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	Research / Renewable Energy
Company mission or core functions	Research platform
Date of establishment	2014
Ownership (if public and traded, add stock exchange and ticker symbol)	IRESEN/OCP
Total number of employees	39
Number of employees in R&D	27
Key products sold or services provided	<ul style="list-style-type: none"> • Testing and demonstration of RE solutions and systems • Consulting Services for the development of RE projects • Access to R&D infrastructure • Training Services • Technology adaption to the local context • Development of local conditions oriented RE technologies and solutions
Company core technical competences	PV, thermal solar, intelligent energy, modeling and simulation

<p>Key R&D programs and activities</p>	<ul style="list-style-type: none"> • Testing and demonstration of RE solutions and systems: Energy Management Systems, PV modules and Systems, PV Inverters, PV coatings • Consulting Services for the development of RE projects: Design, technical and financial studies, inspection and reception of power plants • Access to R&D infrastructure • Training Services • Technology adaption to the local context • Development of local conditions oriented RE technologies and solutions
<p>Examples of accomplishments</p>	<ul style="list-style-type: none"> • 1MWe CSP-ORC pilot plant; • H2020 ORC-PLUS project; • H2020 MinWaterCSP project; • FP7 – REELCOOP • DEMOSTENE • ElecServices for Electric Mobility in Morocco • The Green and Smart Building Park • 400 Kwc PV Plant • Solar & Wind Cartography Resources
<p>Company strategic orientation</p>	<ul style="list-style-type: none"> • Support the Moroccan energy transition through research and development projects and activities • Knowledge transfer to Moroccan and African universities and industrials • Support Moroccan and African start-ups active in RE sector • Technology adaption to the local context • Create synergies between research infrastructure with local and international partners • Ensure the definition of research axes, pilot projects and manage a network of partners at national and international level • Set up and offer of initial and continuous vocational training adapted and reoriented for all actors and future partners such as designers, installers, operators, in the fields of solar energy management and renewable

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	Industrial company with competences in process and environmental engineering especially : Thermal water treatment
Core technological competencies and expertise	Plant engineering, design and manufacturing
Other essential qualifications (e.g.: ownership, track records etc.)	Measuring and control technology
If you have a list of companies with whom you are in contact or interested in contacting, please provide contact details	
If you are interested in collaboration: please specify details and other important information you want to share with a potential company	Further development for the thermal separation process for desalination with low temperature heat and renewable, solar energies. Proof of concept is given for single stage apparatus Extension to several stages is desired Self-sustaining process with installation of a steam turbine should be included
Interested areas of collaboration	Thermal process separation Thermal desalination Solar thermal heating supply Steam turbine for ancillary equipment
Specific R&D contribution you are seeking/offering	Equipment construction and design for the extension on several stages and scale-up

Signature

Name: Dr. Samir Rachidi

Date:

03/09/2019

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