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

Organization	
Date of Request:	19/03/2019
Company name:	Green Energy Park
Contact person and title/ designation:	Ibtihal AIT ABDELMOULA – Engineer in Charge of Electrical Systems
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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	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 (13 phds students)
Number of employees in R&D	27
Key products sold or services provided	- 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

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	solutions
Company core technical competences	PV, thermal solar, intelligent energy, modeling and simulation
Key R&D programs and activities	- 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
Examples of accomplishments	- 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
Company strategic orientation	- 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 infrastructures 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 an 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

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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	Industrial company mastering the automation and intelligent energy management systems
Core technological competencies and expertise	Automation, Energy management systems, ICT
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	Some of the ideas we would like to work on are: - Fault detection in a photovoltaic plant based on machine learning techniques - Developing an Electrical Energy management system prototype The idea is to develop prototypes and test them inside the green energy park
Interested areas of collaboration	Photovoltaics, Automation, Energy management systems
Specific R&D contribution you are seeking/offering	Seeking partners open to applied research and innovation in the matters cited above. Offering test fields

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Signature

Name: Ibtihal Ait Abdelmoula

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