

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

| Organization | |
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| Date of Request: | 25/01/19 |
| Company name: | MAScIR(Moroccan Foundation for Advanced Science, Innovation and Research) |
| Contact person and title/ designation: | Nawal MERGHOUB PhD researcher and projects manager |
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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> | |
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| Business Sector | Microalgae Biotechnology, Green Biotechnology |
| Company mission or core functions | Research |
| Date of establishment | 2007 |
| Ownership (if public and traded, add stock exchange and ticker symbol) | OCP-MASCIR |
| Total number of employees | 130 |
| Number of employees in R&D | 100 |
| Key products sold or services provided | <ul style="list-style-type: none"> - Development of bioactives compounds from natural resources(Microalgae? Marine Bacteria, plants...) - Isolement, purification, characterization, of natural bioatives molecules. - High- added values molecules from microalgae - Evaluation of biological activities - Development of biostimulant of plants |

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| | growth using microalgae extracts - valorization of microalgae for environment application. |
| Company core technical competences | Provide Research & Development services to partners and customers, particularly in the fields of environment, energy, health and valorization of Moroccan natural resources. |
| Key R&D programs and activities | Different projects related to valorization of microalgae for different application in framework of industrial projects |
| Examples of accomplishments | WABA- Eranetmed project (2017/2019) (is on going) |
| Company strategic orientation | Research & Development |

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)

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| Profile of ideal technology partner | The Field of microalgae biotechnology/ natural resources /Health, nutraceuticals (Food and Feed), cosmeceuticals, Environment; agriculture |
| Core technological competencies and expertise | Microalgae sampling, genotyping, culturing, bioactivity screening and molecular analyses (gene expression and characterization of biologically active compounds). - Evaluation of biological activities (anti-inflammatory, antioxidant, anti-acne, antibacterial, and anticancer activities) for human health. - Expertise using biochemical and biological tools required for the extraction, isolation, purification and characterization of natural bioactive compounds for cosmetics, pharmaceuticals and nutraceuticals applications. - Microalgae culture in Lab scale and pilot scale. |
| Other essential qualifications (e.g.: ownership, track records etc.) | Several patents , state of art, Market Studies |
| If you have a list of companies with whom you are in contact or interested in | |

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| <p>contacting, please provide contact details</p> | |
| <p>If you are interested in collaboration: please specify details and other important information you want to share with a potential company</p> | <p>Green Bioetchnology Center is focused on Microalgae sampling, genotyping, culturing, bioactivity screening and molecular analyses (gene expression and characterization of biologically active compounds).</p> <ul style="list-style-type: none"> - Evaluation of biological activities (anti-inflammatory, antioxidant, anti-acne, antibacterial, and anticancer activities) for human health. - Expertise using biochemical and biological tools required for the extraction, isolation, purification and characterization of naturals bioactives compounds for cosmetics, pharmaceuticals and nutraceuticals applications. - Microalgae culture in Lab scale and pilot scale. <p>We would like to initiate a collaboration with sanish partners (industrial company or R&D parteners), to work on 2 proposals (IRESEN Call, PRIMA and H2020):</p> |
| <p>Interested areas of collaboration</p> | <ul style="list-style-type: none"> - Microalgae Biotechnology - Valorization of microalgae for cosmeceuticals, Pharmaceuticals, nutraceuticals (Food and Feed), Environment, agriculture. <p>Proposal 1: Development of new animal feed supplements/additives based on-microalgae.</p> <p>Proposal 2: Exploiting marine microflora (microalgae and bacteria) for development of high-value compounds for nutraceuticals, pharmaceuticals and cosmeceuticals.</p> |

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| Specific R&D contribution you are seeking/offering | - Microalgae Biotechnology - Valorization of microalgae for cosmeceuticals, Pharmaceuticals, nutraceuticals (Food and Feed), Environment, agriculture. |
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Signature

Name: Nawal Merghoub
Date: 28/01/19

