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**Partner search**

**Date (24-08-20)**

* **(\*) Indicate numbers of relevant topics for Green Deal call:**

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| **LC-GD-7.1** |

* **Quick description of the project**

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| **(describe the objectives, activities, partners requested and their skills)** |

* **(\*) Do you intend to apply as ? :**

**Coordinator: No**

**Participant: Yes**

**(\*) Either Description of the expertise requested (up to 1000 characters) - *specify which points of the "expected impact" of the call you are targeting***

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| **Xxxxxxxxx****+ key words :**  |

**Or Description of the expertise proposed (up to 1000 characters) - *specify which points of the "expected impact" of the call you are targeting***

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| **AREAS OF EXPERTISE** - Biorefinery design  - Process Design and Optimization  - Industrial Ecology /LCA Systemic eco services - Multiobjective Optimization - Multi agent optimizationM. Boix, L. Montastruc, C. Azzaro-Pantel, S.Domenech, Optimization methods applied to the design of eco-industrial parks: A literature review, Journal of Cleaner Production Vol. 87, pp. 303-317, 2015 C. Miret, P. Chazara, L. Montastruc, S. Negny, S. Domenech Design of bioethanol green supply chain: Comparison between first and second generation biomass concerning economic, environmental and social criteria, Computers & Chemical Engineering Vol.85, pp. 16-35, 2016S Belletante, L Montastruc, S Negny, S Domenech, Optimal design of an efficient, profitable and sustainable biorefinery producing acetone, butanol and ethanol: Influence of the in-situ separation on the purification structure, Biochemical Engineering Journal, Vol. 116, pp. 195-209, 2016A. Roth, V. Gerbaud, M. Boix, L. Montastruc, Holistic framework for land settlement development project sustainability assessment: comparison of El Hierro Island hydro wind project and Sivens dam project, Computers & Chemical Engineering Vol.100, pp.153-176, 2017A Di Pretoro, L Montastruc, F Manenti, X Joulia ,Flexibility analysis of a distillation column: indexes comparison and economic assessment Computers & Chemical Engineering Vol. 124, pp. 93-108, 2019A. Roth, M. Boix, V. Gerbaud, L. Montastruc,P. Etur A flexible metamodel architecture for optimal design of Hybrid Renewable Energy Systems (HRES) - Case study of a stand-alone HRES for a factory in a tropical island, Journal of Cleaner Production 2019**+key words :**  |
| **-** |

**Organisation information**

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| **Organisation and country:** |
| **Type of organisation:****□ Enterprise □ SME □ Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?****□ Yes □ No** |
| **Web address:** |
| **Description of the organisation:** |

**(\*) Contact details**

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**(\*) –Mandatory**