Please return this document at

pcn-energie@recherche.gouv.fr

**Partner search**

**Date (DD-MM-YY)**

* **(\*) Relevant topic in work programme**

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| **LC-GD-**  **Main area: Area 2: Clean, affordable and secure energy**  **Secondary area: Area 5: Sustainable and smart mobility *(grid integration of electrical vehicles, etc)*** |

* **Quick description of the project**

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

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

**Participant : Yes**

**Coordinator : No**

**(\*) 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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**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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| **Roseau Technologies has developed specific know-how and innovative hardware and software tools for the simulation of smart electricity distribution grids. These tools were specifically designed with smartgrids in mind and are thus better suited for smartgrids studies than conventional simulation software. They are also much more realistic, bridging the gap between concepts / macroscopic studies on the one hand, and practical implementation of a smart grid mechanism on the other hand, by covering a wide spectrum of aspects ranging from technical-economic studies to the testing and validation of real-world hardware and software components.**  **We are willing to contribute expertise (software engineering, electrical engineering, smartgrids) and a unique platform for the design, simulation, prototyping and testing of smart grid technologies, that make it possible to validate smart grids technologies in a close-to-real environment before these technologies are taken to the field for demonstration.**  **+ key words: smart electricity grid, design, simulation, experimentation** |

**Organisation information**

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| **Organisation and country:**  **ROSEAU TECHNOLOGIES, FRANCE** |
| **Type of organisation: SME** |
| **Former participation in FP European projects? Yes, in the sense that the founding team has a lot of past experience with European project (although not yet within Roseau Technologies)** |
| **Web address: www.roseautechnologies.com** |
| **Description of the organisation:**  **The company originates from the ecosystem of industrial and academic research on smart grids. It is positioned as a software editor, and as an engineering / consulting company specializing in R&D / smart grids projects. Its customers are Distribution System Operators and Municipalities.** |

**(\*) Contact details**

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**(\*) –Mandatory**