Please return this document at

Horizon2020@recherche.gouv.fr

**Partner search**

**Date (16-07-20)**

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

|  |
| --- |
| LC-GD-1-1-2020 : Preventing and fighting extreme wildfires with the integration and demonstration of innovative means |

* **Quick description of the project**

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

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

**Coordinator: ~~Yes~~/No**

**Participant: Yes/~~No~~**

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

|  |
| --- |
| **+ 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***

|  |
| --- |
| **Detection & Response**  Wireless Networks in Dynamic Environments; Analytics of Mobile Traffic Data; Intelligent Transportation Systems.  Hybrid architectures – short and long range communications, new communication technologies (RFID, VLC), new networking paradigms(energy harvesting), algorithms and models allowing mobile robots to navigate and operate in dynamic environments; decision aspects pertaining to (multi)robot navigation tasks, including perception and motion-planning  **+key words : wireless sensor network, wireless multi-hop network, cellular network, networking protocols design & performance evaluation** |

**Organisation information**

|  |
| --- |
| **Organisation and country:**  **INSA Lyon, FRANCE** |
| **Type of organisation:**  **□ Enterprise □ SME X Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects.**  **X Yes □ No** |
| **Web address:**  <https://www.insa-lyon.fr/en/> |
| **Description of the organisation:**  INSA Lyon is an Engineering School dedicated to Applied Sciences, which makes it a large and unique research center, which joins education activities, 23 research laboratories and industrial partners. As an academic oriented to industry, our institute carries out research in engineering sciences for companies looking for technological solutions. Beside internal and contractual research, we also participate in public research programs, like the framework program in which we have been involved since FP5. The INSA Lyon scientists contribute daily to overcome the essential challenges of research within five main areas: Digital Society and Information, Energy for a Sustainable Development, Environment: Natural, Industrial, and Urban Environments, Global Health and Bioengineering, Transport: Structures, Infrastructures, and Mobility. More details on the five research areas can be found on the INSA Lyon website (https://www.insa-lyon.fr/en/research) |

**(\*) Contact details**

|  |  |
| --- | --- |
| **Contact person name** | **Natalia LOETE; Marie-Cécile BARRAS** |
| **Telephone** | **+33472436451/+33667034321** |
| **E-mail** | [**natalia.loete@insavalor.fr**](mailto:natalia.loete@insavalor.fr)**; marie-cecile.barras@insavalor.fr** |
| **Country** | **FRANCE** |

**(\*) –Mandatory**