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pcn-energie@recherche.gouv.fr

**Partner search**

**Date (09-07-20)**

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

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| **LC-GD**Area 2: Clean, affordable and secure energyArea 4: Energy and resource efficient buildingsArea 5: Sustainable and smart mobility |

* **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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| **+ 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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| LNE has over than 70 years of experience on research and development in the fields of electrical power measurements, high and low voltage, high impulse voltage, high and low current, impedances in the frequencies from DC up to megahertz and disruptive electrical phenomena. LNE has designed several accurate standards for AC voltages up to 300 kV and for AC current up to 30 kA (or impulse currents up to 50 kA). It has developed several RMS (Reference Measurement System) as well as accurate calibration and characterisation methods of wideband instrument transformers.With 801 employees, of which 160 are scientists (MSc or PhD), and with dedicated laboratories for Power/Energy measurements related to Smart Grids and infrastructures related to electrical metrology, LNE offer a full range of technical conformity services, from traceable calibration and testing to technical assistance and training.**+key words :** electrical measurements, metrology, high impulse voltage, power measurements, disruptive electrical phenomena |

**Organisation information**

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| **Organisation and country:****Laboratoire National de Métrologie et d’Essai LNE, France** |
| **Type of organisation:****□ Enterprise □ SME □ Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?****□ Yes □ No** |
| **Web address:****www.lne.fr** |
| **Description of the organisation:**Since its founding in 1901, LNE has been striving for a safer society, with a highly competitive and innovative corporate sector, through its efforts in research, certification, testing and calibration.To execute its assigned technical assistance activities successfully, LNE has developed a broad array of multidisciplinary resources and skills to respond better, in its role as a reference laboratory, to the diversity of problem situations it is tasked with addressing by industrial firms, laboratories or public authorities. These challenges span consumer protection, public health and safety, environmental preservation and energy efficiency.The Laboratory produces reference test benches, in addition to developing new reference testing and analysis resources-methods across all fields where the challenges of consumer protection, public health, environmental preservation or energy efficiency require anticipating future needs. LNE pays close attention to regulatory and standardization issues as well |

**(\*) Contact details**

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**(\*) –Mandatory**