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Horizon2020@recherche.gouv.fr

**Partner search**

**Date (31-07-20)**

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

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| **LC-GD** [**8.1** Innovative, systemic zero-pollution solutions to protect health, environment and natural resources from persistent and mobile chemicals](https://www.horizon2020.gouv.fr/cid153155/recherches-offres-competences-pour-appel-green-deal.html?utm_source=%2330+-+Notre+s%C3%A9lection+de+la+semaine&utm_medium=Email#GD-8-1) |

* **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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| In the field of air (indoor and outdoor) and water environmental monitoring, LNE has a long history of the development, validation and implementation of monitoring techniques and strategies. We are interesting to contribute to collaborative projects by :1) developing, optimizing and implementing monitoring techniques, both in the field and at lab, for metals and species, organic pollutants, gas, nanoparticles in air, water and soils compartments2) providing technical assistance and measurements services to support the increase of TRL of new measurements techniques (sensors, etc.) and certification.3) providing training in metrology**+key words : metrology; traceability; reference methods; methods validation; production of certified reference materials; interlaboratory comparisons; accreditation; certification; uncertainties evaluation** |

**Organisation information**

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| **Organisation and country: Laboratoire National de métrologie et d’Essais LNE**As the  |
| **Type of organisation:****□ Enterprise □ SME □ Academic XResearch institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?****X Yes □ No** |
| **Web address:** <https://www.lne.fr/en> |
| **Description of the organisation:** As the National Metrology Institute in France, LNE is the French highest authority when it comes to ensure the reliability of measurements and is a world-leading centre of excellence in developing and applying the most accurate measurement standards, science and technology available.Since decades, LNE has developed and maintained the nation’s primary measurement standards. These standards underpin an infrastructure of traceability throughout the country that ensures accuracy and consistency of measurement.The Laboratory develops new reference methods and certified reference materials, produces reference test benches, in addition to developing new reference testing 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.The biology and chemistry division missions are to develop, optimize and implement testing and calibration solutions as well as well references (comparisons, reference materials, methods..) to support a reliable monitoring of a wide range of key stressors or indicators(organic, inorganic (including species), nano, etc.) in the different compartments of the environment (air (indoor and ambient),water, soils). Activities and services provided comply with ISO 17 025.LNE is a member of the two reference laboratories: LCSQA i.e. the French reference laboratories for air quality and AQUAREF the national water reference laboratory in the field of chemical and ecological water quality. LNE has established longstanding relationships and collaboration with stakeholders (ministry, national agencies) and end-users (SME). The researchers of the division are experts in: national, European and international standardization committees in the field of air quality, water quality and the data treatment; working groups of the French ministry of the Environment and ANSES. |

**(\*) Contact details**

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**(\*) –Mandatory**