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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**    **Area 3.2 Demonstration of systemic solutions for the territorial deployment of the circular economy** |

* **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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| LNE has proven experience in metrology for metals quantification and elemental analysis at trace levels including uncertainty evaluations, organization of interlaboratory comparisons and production of reference certified materials.  This experience has been applied to measurement and characterisation of Technology Critical Elements (TCE) in urban mine waste, including optimization of sampling and sample preparation strategies.  LNE is able to provide support for the development and implementation of systemic solutions for the improvement of data comparability and harmonization of methodologies in collaboration with existing European initiatives for circular economy and waste recycling.  **+key words : Technology Critical Elements; critical raw materials; metrology; methods validation; production of certified reference materials; interlaboratory comparisons; accreditation; uncertainties evaluation** |

**Organisation information**

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| **Organisation and country: Laboratoire National de métrologie et d’Essais LNE** |
| **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:** **Measurement, Metrology**  As the French National Metrology Institute, LNE is France’s highest authority when it comes to correct and reliable 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 national primary measurement standards. These standards underpin a metrological infrastructure throughout the country that ensures accuracy and consistency of measurement results.  Since its founding in 1901, LNE acts under the French Ministry for the Economy and Finance authority with oversight for Industry. Relying on an excellent scientific and technical skill set, LNE's research efforts have formed the basis of multiple applications: calibration, testing, certification, etc. Renowned for its expertise both in France and abroad, LNE performs measurements that serve the economy and society.  Its missions :   * assume its status of a national reference laboratory in the field of metrology; * pursue its scientific and technical development to anticipate new needs in the realm of measurements and testing related to technological progress, as well as latest expectations in the fields of safety, health, quality and environmental protection; * provide technical assistance to public sector authorities and economic actors in the drafting of new regulations and standards at the international, European and national levels, as well as in the generation of new test methods and in market tracking. |

**(\*) Contact details**

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**(\*) –Mandatory**