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**Partner search**

**Date (21-09-20)**

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

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| LC-GD-8-1-2020 Innovative, systemic zero-pollution solutions to protect health, environment and natural resources from persistent and mobile chemicals |

* **Quick description of the project**

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| **Citepa could act as a partner of projects to monitor air pollution at local scale and propose alternative solutions to improve air quality** |

* **(\*) 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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| **+ 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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| Citepa can offer its expertise on air pollutant emissions at all scales. As the reference center for emission reporting Citepa is internationally recognized on the calculation of emission budgets, emission gridding using various types of proxy (population, landuse, etc…). Recently, Citepa have added a new expertise on modelling to build the link between the emission and air quality modelling community. Citepa has a long time expertise on Air quality and particularly on Particulate matter. Citepa works on the cost of measures to combat air pollution which is an important part of the cost benefit/analysis of mitigation strategies. Therefore, Citepa will be helpful to cover these topics:* research and development of (bio)remediation technologies of contaminated soil and water (including sources of drinking water) contaminated by persistent and mobile substances and their precursors;
* development of new cost-effective high-resolution methods to measure persistent and mobile chemicals in different media;
* environmental and human (bio)monitoring of persistent and mobile chemicals
* development and improvement of models to predict and assess long-term trends and risks for persistent mobile substances;
* development of best practices for the management of waste containing persistent and mobile substances;
* detection and identification of specific pollution problems .

**+key words : emissions, modelling, Air pollution, gridding, cost of measures, mitigation strategies** |

**Organisation information**

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| **Organisation and country:****Citepa, France** |
| **Type of organisation:****□ Enterprise □ SME □ Academic □Research institute □ Public Body ■ Other: Association** |
| **Former participation in FP European projects?****■ Yes □ No** |
| **Web address:**[**https://www.citepa.org/en/**](https://www.citepa.org/en/)**https://www.citepa.org/fr/** |
| **Description of the organisation:**Citepa – Technical Reference Center for Air Pollution and Climate Change – quantifies, identifies, expertises and reports atmospheric emissions data, explanatory variables and efficiency indicators, as well as methods for monitoring, quantifying, projecting and modeling emissions, policies and measures of mitigation and adaptation. In the 1990s, as part of the Corinair program, Citepa was at the origin of inventory systems, CRF nomenclature, and Monitoring, Reporting and Verifying (MRV) methods implemented today in all European countries.Our engineers work for or in connection with the French administrations, the European Commission, the United Nations, AFD, GIZ, the Multilateral Development Banks and other international organizations working in the sector of the environment. Citepa also hosts networks of experts able to work on very specialized subjects. It is the auditor of the work of his peers on behalf of the UNFCCC, the UNECE or the European Commission and audited on his inventory works by those same organizations.Sector experts carry out techno-economic studies in energy, industry, transport, waste, agriculture, land use, land-use change and Forestry (LULUCF) sectors. It can also be expert trainings or technical supports to bodies and regional, national administrations (technical expertise, assessments, audits, …).Our experts assist foreign governments to carry out their inventories of air pollutant and GHG emissions, their national communications, and finalisation of policies and measures (continued transparency post COP-21). |

**(\*) Contact details**

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| **Contact person name** | **BARRAULT Stéphanie** |
| **Telephone** | **+331 44 83 68 95** |
| **E-mail** | **stephanie.barrault@citepa.org** |
| **Country** | **France** |

**(\*) –Mandatory**