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Horizon2020@recherche.gouv.fr

**Partner search**

**Date (14-09-2020)**

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

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| LC-GD-1-1-2020 LC-GD-5-1-2020 LC-GD-9-1-2020  |

* **Quick description of the project**

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| * Preventing and fighting extreme wildfires with the integration and demonstration of innovative means
* Green airports as multimodal hubs for sustainable and smart mobility
* Enhancing European research infrastructures for greenhouse gases observation in and around cities
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* **(\*) 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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| **NA****+ key words : NA** |

**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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| **Expected impact targeted:**For Area 1 Topic 1(Preventing and Fighting Wildfires) :national climate change adaptation, disaster risk reduction strategies, land use policies and spatial planning, in line with EU policy guidelines and legislation, including forest, biodiversity and bio-economy related strategies; For Area 5 (Green airports): green airports and ports as multimodal hubs, optimising passenger and freight flows for low emission mobility, in a context of much stricter public health criteria; For Area 9 Topic 1: European Research Infrastructures capacities and services to address European Green Deal challenges***Subtopic b) Enhancing European research infrastructures for greenhouse gases observation in and around cities***  strengthen and sustained Copernicus in-situ component; improve air quality monitoring; facilitate the engagement of citizens;**Expertise proposed:** * Climate mission coordination (EUREC4A, MOSAIC, NAWDEX, …)
* Resilient Satellite connectivity, UAV BVLOS connectivity (RESPOND-A)
* Weather In-Situ data acquisition and real time transmission (IAGOS)
* Monitoring thunderstorm activities and weather nowcasting (HAIC)

**+key words : climate monitoring missions, resilient and ubiquitous communication, satellite communication, in-situ observation, UAV BVLOS operations, weather nowcast** |

**Organisation information**

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| **Organisation and country:****ATMOSPHERE France** |
| **Type of organisation:****□ Enterprise x SME □ Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?****x Yes □ No** |
| **Web address:**<http://www.atmosphere.aero> |
| **Description of the organisation:**ATMOSPHERE is a French SME, member of Aerospace Valley Cluster. ATMOSPHERE Designs, Builds, and Operates complete connectivity solutions. ATMOSPHERE’s ubiquitous mission management platform, PLANET, is used worldwide to coordinate in-situ climate mission monitoring missions, such as EUREC4A, ATOMIC, or MOSAIC polar expedition. Resilient satellite communication provided by ATMOSPHERE are key enabler to critical missions such as first responder missions. In the frame of EU RESPOND-A project, ATMOSPHERE delivers satellite communication to enable UAV operations in crisis situation. |

**(\*) Contact details**

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**(\*) –Mandatory**