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Horizon2020@recherche.gouv.fr

**Partner search**

**Date (01-09-20)**

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

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| **LC-GD-9-2-2020** |

* **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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| Expertise:LIUPPA Research Lab. is a well-known French Computer Science research lab. One increasing research topic of the Research Lab is the Green Computing. We already have several results on micro-services deployment on mobile infrastructure (heuristics, centralized and decentralized algorithms) as PC, smartphones, datacenters, edges, etc. and also have implemented a simulator able to execute various algorithms in order to test green oriented heuristics as well as simulate various hosts and of course their consumption. We are currently working on the development of a design method to design and implement applications much less energy consumers for an equal Quality of Service.Our works are inspired of previous previous works (the Kalimucho™ middleware). In 2014, we implemented and published a middleware called Kalimucho. This middleware was patented (3 Int’l pattents), trademarked and presensed at CES Las Vegas.  |

**Organisation information**

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| **Organisation and country: Public Research Lab, University of Pau** |
| **Type of organisation:****□ Enterprise □ SME □ Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?****□ Yes** (TCVPYR FEDER Project) **□ No**  |
| **Web address:** liuppa.univ-pau.fr |
| **Description of the organisation**: LIUPPA Lab is composed of +30 associate/full professors and +15 current PhD students. Its research domains are mainly involved in practical research instead of fundamental one.  |

**(\*) Contact details**

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**(\*) –Mandatory**