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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-5-1-2020** |

* **Quick description of the project**

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| A clear commitment of the European Green Deal is that “transport should become drastically less polluting”, highlighting in particular the urgent need to reduce greenhouse gas emissions (GHG) in aviation. Actions should perform large-scale, real-life high TRL (6 or above) demonstrations of green airports, addressing all of the following four headings, collectively describing the various airport aspects to be considered: 1) Transport, 2) Terminal, 3) Energy and 4) Cross-cutting aspects. |

* **(\*) 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:**  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;  **Expertise proposed:**  Innovative digital / satellite solutions, including new traffic optimization tools for multimodal access, passenger and freight flows to and from the airport, as well as between airports  Process optimization tools proposed:   * Monitor passenger flows in real time, runway supervision + camera + 4D airport model + AI * Anticipate the management of delays / late arrivals model of data merger + DB crossing * Mobile application development for Passenger with 3d model and augmented reality tools * Optimizing movements with the IOT track + supervision tool * Blockchain based CDE (Common Data Environment)   **+key words : AI, AR, CDE, Blockchain,** |

**Organisation information**

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| **Organisation and country:**  **DOCDOKU France** |
| **Type of organisation:**  **□ Enterprise x SME Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?**  **□ Yes x No** |
| **Web address:**  [*https://www.docdoku.com*](https://www.docdoku.com/identite/la-team/) |
| **Description of the organisation:**  We help industrial organizations digitize their business. DocDoku provides platforms to optimize the use of technical data and to collaborate more efficiently. Our software are based on our innovative Open Source platform DocDokuPLM, It offers ready-to-use modules: interactive display of the digital mockup, product and document management, real-time collaboration, workflows, IoT data integration and blockchain based common data environment (CDE) backbone.  We have a strong experience working for Airports either on land side or air side. |

**(\*) Contact details**

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**(\*) –Mandatory**