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Horizon2020@recherche.gouv.fr

**Partner search**

**Date (29-09-20)**

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

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| **1.1 Preventing and fighting extreme wildfires with the integration and demonstration of innovative means**  **1.3 Climate-resilient innovation packages for EU regions**  **2.1 Demonstration of innovative critical technologies to enable future large scale deployment of offshore renewable energy technologies**  **9.1 European Research Infrastructures capacities and services to address European Green Deal challenges**  **9.3 A transparent and accessible ocean: towards a Digital Twin of the Ocean**  **10.3 Enabling citizens to act on climate change and environmental protection through education, citizen science, observation initiatives, and civic involvement** |

* **Quick description of the project**

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| **N/A** |

* **(\*) 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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| **N/A** |

**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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| **CES works is an SME specialist recognised by disruptive innovations for naval, space, aeronautics, defence, railway and scientific applications. CES Works offers a global and different way of approaching a problem thus out-of-the-box solution. Our 30-year experience combines a deep knowledge of sustainable materials and advanced technologies such as AI and sensors.**  **Expertise proposed to expected impact per call :**   * 1. : Our expertise in the space domain combined with our experience with firefighters, allows us to bring predictive and preventive solutions, but also solutions during and after wildfires (dimensioning of equipment, maintenance of networks etc.)   2.1: Studies on the behaviour of offshore platforms, on the instrumentation and the ability to anticipate when necessary thanks to our experience in the maritime field.  9.1: The use of AI to look for new interactions and concepts without limitation and to help decision making (gain in speed without forgetting quality, to speed up decision making on strong environmental issues).  9. 3: Offer expertise and solutions thanks to Space’s expertise. Design an approach that reduces data acquisition costs and makes the ocean accessible and transparent.  10. 3: To make space accessible to the greatest number of people and encourage associations to own their own payloads to carry out missions with social and ecological goals.  **+key words : DISRUPTIVE INNOVATION - NEW SUSTAINABLE SPACE - IA FOR A GREEN WORLD - INSTRUMENTATION - CERTIFICATION - MONITORING** |

**Organisation information**

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| **Organisation and country:**  **CES WORKS FRANCE** |
| **Type of organisation:**  **□ Enterprise ⌧ SME □ Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?**  **□ Yes ⌧ No** |
| **Web address:**  **http://www.composites-expertise-solutions.com/** |
| **Description of the organisation:**  CES Works is specialized in breakthrough innovation in 6 activities areas:  o Aeronautics;  o Space;  o Defense  o Railway;  o Naval  o Scientific experiments;  Both for civil and military applications.  It is necessary to contribute to make the EU's industrial world sustainable. CES Works offers solutions consistent with existing and future ecological challenges, in particular with the use of sustainable and biodegradable materials.  Led by a highly motivated team with complementary skills, CES aims to help our customers imagine new profitable products and opportunities. Its major strategic edge: To approach the problem in a global way (leading scientific and technological opportunities, ecological approach, risks, customers/market expectations, innovative economic and financial approaches, methodologies of management and control of the process until placing on the market, ROI management, ...).  CES mainly works for large groups or well-known laboratories most often as partners or first-order sub-contractors and on a global scale.  We bring an outside perspective, a very strong reactivity and the ability to push back the limits while respecting the imposed financial constraints.  Feel free to contact us, we love new challenges! |

**(\*) Contact details**

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**(\*) –Mandatory**