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Horizon2020@recherche.gouv.fr

**Partner search**

**Date (DD-MM-YY)**

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

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| **LC-GD-1-2-2020 Towards Climate Neutral & socially innovative cities**  **LC-GD-4-1-2020 Building and renovating in an energy and resource efficient way** |

* **Quick description of the project**

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| **(describe the objectives, activities, partners requested and their skills)**  **The main goal of VÍTKOVICE company in program Horizon 2020 is to build a modern new city centre of Ostrava together with sought-after partners. The company is looking for partners providing zero-emission technologies in the field of: construction apartment buildings, family houses, manufacturing halls and warehouses. The company plans to provide facility management in these new buildings.**  **City buildings should be completely independent of energy supplies from conventional producers of energy, especially from the energy sources that are currently allocated to the electrical network infrastructure in the surroundings of Ostrava region. The new city should use hydrogen technology to achieve the overall energy self-sufficiency parts of city and gradual process of energy independence of entire city. The H2 technologies should ensure daily public transport around the city.** |

* **(\*) Do you intend to apply as ? :**

**Coordinator: YES**

**Participant: NO**

**(\*) 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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| **The company is looking for partners providing zero-emission technologies in the field of: construction apartment buildings, family houses, manufacturing halls and warehouses.**  **We are looking for:**   * **Partners for zero carbon construction projects** * **Partners for implementation Hi-Tech technologies in the field of construction** * **Suppliers of H2 technology** * **Suppliers of SMART technologies**   **Partners for co-operating Living labs** |

**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:**   * **Reduction of the carbon emissions footprint in the area of ecological housing** * **Providing systems of energy autonomy in the fields of residential buildings and operation of manufacturing halls** * **Sharing the excess energy in a particular autonomous electrical grid in the Ostrava city** |

**Organisation information**

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| **Organisation and country:**  **VÍTKOVICE, a.s. Ostrava, Czech Republic** |
| **Type of organisation:**  **Enterprise** |
| **Former participation in FP European projects?**  **No** |
| **Web address:**  [**www.vitkovice.cz**](http://www.vitkovice.cz) |
| **Description of the organisation:**  **The VÍTKOVICE company is original Czech development company operating in the field of construction, real estate business and facility management.**  **The company has modern extensive and unique long-term construction know-how based on previous construction projects that have been successfully completed. It provides a construction projects and facility management for domestic customers, especially long-term tenants of manufacturing halls and apartments in the current residential area.**  **VÍTKOVICE company deals with:**   * **Energy efficiency, reducing the energy intensity of heating of halls and apartment buildings** * **Implementation of green energy technology in the field of construction** * **Accumulation of energy** * **Smart facility management** * **Smart IT energy management**   **VÍTKOVICE has creative and innovative potential in the field of residential and industrial construction.**  **The company owns large plots of land for new constructions and hydrogen development projects, which should be built in the centre of Ostrava city.** |

**(\*) Contact details**

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| **Country** | **Czech Republic** |

**(\*) –Mandatory**