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**Partner search**

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

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

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| **LC-GD-1-1-2020: Preventing and fighting extreme wildfires with the integration and demonstration of innovative means****LC-GD-2-2-2020: Develop and demonstrate a 100MW electrolyser upscalling the link between the renewables and commercial/industrial applications****LC-GD-4-1-2020: Building and renovating in an energy and resource efficient way** |

* **Quick description of the project**

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

**Coordinator: ~~Yes~~/No**

**Participant: Yes/~~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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**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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| **With new green energy technologies, we see increasing demand for security and safety systems in place. Such technologies put more risk in place and there is increased call for more protection, prevention, detection and response.** **Our know-how allows us to work on ideas for control systems in combination with perimeter protections and integration to integrated rescue systems. We can help with improving security and safety of such technology and with integration to central systems to be able to monitor and to do remote control of the systems. We see building and combining such ideas as a key element of development in Green Deal.****Key points:****Improvements for Integrated rescue systems response units****Improving security and safety of high-pressure energy technologies****Remote command and control of high-pressure energy storages****Securing perimeter, physical and IT (cybersecurity systems)****Key words:** **High-pressure systems, gas storage systems, energy accumulations, biometric security, integrated rescue system** |

**Organisation information**

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| **Organisation and country:****VÍTKOVICE IT SOLUTIONS a.s., Ostrava, Czech Republic** |
| **Type of organisation:****X Enterprise □ SME □ Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?****X Yes □ No** |
| **Web address:**[**https://www.vitsol.cz/en/**](https://www.vitsol.cz/en/) |
| **Description of the organisation:*** **is a prominent Czech ICT supplier with roots in 1920s, established in 2011 based on merge of three companies**
* **is a key player in area of integrated rescue systems in Czech Republic, participating on EU-wide projects for people safety, responsible for Czech country-wide solution of emergency line 112**
* **is working on cutting edge GIS technologies**

**We hold competencies in all key ITC and Industry automation:*** **Solutions for industrial automation, monitoring and control options from basic elements to the whole**
* **Central solution for monitoring and solving incidents and critical situations**
* **Technological security solutions against adverse effects, whether on people or nature**
* **Building and managing highly available and fast communication technologies**

**We have been participating on EU projects in area of security and rescue systems, e.g. Egeris, Oasis, LoMo, I\_HeERO, sAFE and others.** |

**(\*) Contact details**

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**(\*) –Mandatory**