Please return this document at

Horizon2020@recherche.gouv.fr

**Partner search**

**Date (18-09-2020)**

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

|  |
| --- |
| **LC-GD-x.x** |

* **Quick description of the project**

|  |
| --- |
| **Železiarne Podbrezová a.s. builds its future on the principles of a circular economy, focused on the ability to primary waste production and use of modern technologies to produce a suitable and ecological product. Seamless steel pipes in Železiarne Podbrezová a.s. are made in an integrated steel mill from cast and iron waste in an electric arc furnace, which represents an ecological and economical solution of production of the highest quality steel, which reduces the load on our planet.****The main goal of Železiarne Podbrezová a.s. is to participate in cooperation with partners supporting low- carbon applications in the construction of hydrogen infrastructure, i.e. construction and reconstruction of pipelines, compressor stations, measuring equipment and other units needed for hydrogen distribution.****We are looking for:** **• Partners for the construction of pipelines for hydrogen infrastructure****• Partners for the implementation of hydrogen pipelines in the current infrastructure****• Partners for the construction of distribution, compressor and metering stations for hydrogen****• Partners for the construction of energy facilities** |

* **(\*) 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***

|  |
| --- |
| **The company Železiarne Podbrezová a.s. focuses on:****• Reduction of carbon emissions in the production of steel and seamless steel pipes****• Development of seamless pipes for hydrogen transport****• Research and development of materials****Key words :** **Green energy, carbon emissions, green steel, seamless pipes, hydrogen, distribution, energy equipment** |

**Or Description of the expertise proposed (up to 1000 characters) - *specify which points of the "expected impact" of the call you are targeting***

|  |
| --- |
| **Expected impacts:****• Reduction of carbon emissions in the production of steel and seamless steel pipes****• Development of seamless pipes for hydrogen transport****• Research and development of materials****Key words :** **Green energy, carbon emissions, green steel, seamless pipes, hydrogen, distribution, energy equipment** |

**Organisation information**

|  |
| --- |
| **Organisation and country:****Železiarne Podbrezová a.s., Slovakia** |
| **Type of organisation:****□ Enterprise**  |
| **Former participation in FP European projects?****□ No**  |
| **Web address:****www.zelpo.sk** |
| **Description of the organisation:****Železiarne Podbrezová a.s. are an integrated manufacturer of steel and seamless steel tubes and pipes with a significant share of their products in the European market and world market. Železiarne Podbrezová produces its steel in electric arc furnace which represents an ecological and economical solution of production of the highest quality steel, which significantly reduces carbon emissions. Production program of Železiarne Podbrezová a.s. includes seamless carbon steel tubes as well as steel grades for the most demanding applications in the energy industry.****As part of its production program, Železiarne Podbrezová a.s. has already products which meets the requirements for distribution and pipeline systems for the supply of oil, natural gas and hydrogen. With the vision of transforming energy into the use of renewable energy sources, the demands on products ensuring their distribution and storage will increase.** |

**(\*) Contact details**

|  |  |
| --- | --- |
| **Contact person name** | **Martin Domovec** |
| **Telephone** | **+421486454003** |
| **E-mail** | **domovec.martin@zelpo.sk** |
| **Country** | **Slovakia** |

**(\*) –Mandatory**