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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-4.1: Building and renovating in an energy and resource efficient way** |

* **Quick description of the project**

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| **Contributing to efficient thermal energy storage** |

* **(\*) 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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| **Xxxxxxxxx**  **+ key words :** |

**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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| **Characterization of materials for energy storage in terms of their thermophysical and thermodynamic properties: heat capacity/energy density, phase/glass transitions. Advanced nonstatistical data analysis (critical assessment of data, robust nonlinear and linear regression).**  **+key words : phase equilibria - thermal storage – thermophysical properties of fluids and solids – thermodynamics of task-specific materials – advanced data analysis** |

**Organisation information**

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| **Organisation and country: Institute of Chemical Process Fundamentals, Department of Aerosols Chemistry and Physics, research group of Thermodynamics of Task-Specific Materials, Rozvojová 135/1, CZ-165 02 Prague 6** |
| **Type of organisation:**  **□ Enterprise □ SME □ Academic ⊠Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?**  **⊠ Yes □ No**  **The Institute of Chemical Process Fundamentals has participated in several H2020 projects.** |
| **Web address:**  [**www.icpf.cas.cz**](http://www.icpf.cas.cz/)**, www.ttsm.icpf.cas.cz** |
| **Description of the organisation:**  **Research institute that is part of the Czech Academy of Sciences** |

**(\*) Contact details**

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

**(\*) –Mandatory**