**Partner search**

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

* **(\*) Relevant topic in work programme : Testing and demonstrating systemic innovations for sustainable food from farm to fork**

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| |  | | --- | | **LC-GD-6-1-2020** Testing and demonstrating systemic innovations for sustainable food from farm to fork | |

* **Quick description of the project**

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

**Participant : Yes**

**Coordinator : 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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| **Drying, Combustion, low temperature cooking, steam generation, solar cooling, chillers, electric air heater** |

**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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| **IDHELIO is a French engineering company who develops and commercializes Fresnel solar concentrator and pebble bed thermal storage. The main innovation is the direct use of air as heat transfer fluid. Temperature level can reach 250°C for the solar concentrator et 600°C for the thermal storage.**  **We are looking partners to develop new applications to achieve climate neutral farms and food business:**   * **Drying : mono and multi products (feed, produce, wood, waste), human and animal food product** * **Solar-Heating and Cooling for agro-food industry (low pressure steam, cold, hot water)** * **Thermal storage coupling with agro- voltaisme for high temperature and hot air application** * **Solar cooking with low temperature (80 to 150°C ) or low pressure steam**   **Solar concentration, process integration, thermal storage with pebble bed, Solar Heating Industrial Process (SHIP), solar Heating and Cooling (SHC), Heat Recovery and high temperature thermal storage** |

**Organisation information**

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| **Organisation and country: IDHELIO / FRANCE (Albi- Occitanie)** |
| **Type of organisation:**  **□ Enterprise X SME □ Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?**  **□ Yes X No** |
| **Web address: www.idhelio.com** |
| **Description of the organisation: IDHELIO is an engineering company, 12 years old, with 5 persons. We achieved a 500 k€ crowd funding operation in 2019. Our first industrial demonstrator is in operation by Fruit Gourmet, French SME operating in fruits drying and pasteurisation.** |

**(\*) Contact details**

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**(\*) –Mandatory**