**Partner search**

**Date (12-08-20)**

* **(\*) Relevant topic in work programme**

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| **LC-GD-3.2** Area 3.2: Industry for a clean and circular economy |

* **Quick description of the project**

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| **(describe the objectives, activities, partners requested and their skills)** |

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

**Participant : Yes~~/No~~**

**Coordinator : ~~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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| **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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| Set up an industrial demonstrator for the optimized conversion into sustainable gas of the non-reusable waste of a territory: design, build and operate the plant, and consolidate the return of experience for such operation, with the objective to replicate the solution into a commercial plan.Partners : waste industrial operator, local authorityBiological methanation applied to the optimised conversion of waste (biowaste or solid waste) into sustainable gas for its local useExpected impacts:* Enable a circular approach at a territorial level based on a participative form of innovation
* Demonstrate the techno-economic feasibility of the solution
* Demonstrate the replicability of the solution
* Ensure the industrial use of the results
* Enable strengthened partnership between large companies and SME (design a comprehensive offer)

**+key words :** circular economy, non-reusable waste, waste preparation, pyrolysis, gasification, biological methanation, gas purification, char management, territory |

**Organisation information**

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| **Organisation and country:****ENOSIS, France** |
| **Type of organisation:****□ Enterprise ⌧ SME □ Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?****□ Yes ⌧ No** |
| **Web address:** under construction@enosis\_energies |

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| **Description of the organisation:**Founded in 2014, Enosis is a cleantech company promoting the development toward a carbon-neutral future. The company designs and sells processing-equipment, to produce grid-quality sustainable gas (synthetic methane, hydrogen), from CO2 effluents, digestion-based biogas, or syngas issued from the pyrolysis or gasification of solid waste (end of life wood, plastics, solid recovered fuel).Since they can operate as gateways between electric and gas networks, Enosis equipment can also provide smart storage services to renewable electricity surplus.Enosis solutions are based on a patented biological methanation low-cost technology, which can be adapted to various input gases, resilient to pollutants and environmentally friendly.The technology has been jointly developed with key French R&D lab. Enosis is co-owner of the technology and has the exclusive rights to use it.Enosis investors include KIC InnoEnergy. |

**(\*) Contact details**

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**(\*) –Mandatory**