**Partner search**

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

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

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| **LC-GD-3.2:** Demonstration of systemic solutions for the territorial deployment of the 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**

**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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| **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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| **Demonstration of a Circular Economy of plastics:*** **Circular design of plastics products (packaging, automotive, EEE…): i.e. assembly/disassembly solutions, recyclable multilayers, durable plastics**
* **Biobased plastics and composites**
* **Sorting and recycling/upcycling of plastics through mechanical processes**
* **Food contact assessment of recycled materials**
* **Life Cycle Assessment / Life Cycle costing**
* **Micro/nano-plastics prevention, detection and toxicity**

**+key words :** **Circular Economy of Plastics, Sorting, Recycling, Design, LCA, Food contact, bioplastics** |

**Organisation information**

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| **Organisation and country:**IPC is the Technical Centre of the French plastics and composites industry, France |
| **Type of organisation:****□ Enterprise □ SME □ Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?****□ Yes □ No** |
| **Web address:**<https://ct-ipc.com/> |
| **Description of the organisation:**IPC is the Technical Centre of the French plastics and composites industry, with more than 2500 SMEs directly connected to IPC. As such, IPC is in charge of providing the plastics and composites industry with innovative and high added value facilities and manufacturing pilot lines, cutting edge expertise and services. IPC covers the full industrial value chain with its key fields of expertise including design and simulation of parts and processes, advanced processing (injection, compression, hybrid …) and tooling, thermoplastics materials, composite materials, plastronics / 3D-MID and Circular Economy. Main markets addressed today encompass automotive, aeronautics, health, packaging, connectors, house appliances, horology. Developing new value chains is a key strategic issue for IPC with focus e.g. on micro / nanostructured plastic parts, microsystems on plastics, smart composites, multi-materials additive manufacturing. |

**(\*) Contact details**

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**(\*) –Mandatory**