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Horizon2020@recherche.gouv.fr

**Partner search**

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

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

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| **LC-GD-8.1** |

* **Quick description of the project**

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

* **(\*) 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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| HYMAG’IN offers its expertise in the development and production of innovative and sustainable materials intended for soil and water remediation. Such materials, namely magnetite powders, offer a unique combination of physico-chemical properties yielding efficient treatments of persistent organics, such as chlorinated compounds or PFAS, through surface adsorption and chemical degradation. With this materials, HYMAG’IN is looking for partners to develop and demonstrate innovative and cost-effective water treatment solutions in a collaborative way, with a variety of public and private partners involved in the whole value chain: water treatment expertise, process engineering, project management, risk management, policy making.    HYMAG’IN is targeting the third and sixth points of the GD 8.1 expected impact, by developing a solution for better remediation, and by supporting the new Circular Economy Action Plan.  **+key words :** soil and water remediation, sustainable reagent, persistent and mobile chemicals, innovative technologies |

**Organisation information**

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| **Organisation and country:**  HYMAG’IN, France |
| **Type of organisation:**  **□ Enterprise ■ SME □ Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?**  **□ Yes ■ No** |
| **Web address:**  https://www.hymagin.com |
| **Description of the organisation:**  An innovative industrial SME, HYMAG’IN produces a high-value iron oxide, magnetite, as an ultrafine powder, in a sustainable way. Thanks to a unique technology, this magnetite powder is produced from the conversion of ferrous residues coming from the steel industry.  Such magnetite powder exhibits advantageous physico-chemical properties (surface, redox, size distribution, mineralogy, composition), making it the perfect reagent for wastewater and groundwater remediation. Targeted pollutants are dissolved metals and persistent organics (pests, drug residues, VOCs, PFAS etc.).  HYMAG’IN offers its expertise in developing the most sustainable, cost-effective reagents for addressing the most stringent regulations in terms of water pollution. |

**(\*) Contact details**

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**(\*) –Mandatory**