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Horizon2020@recherche.gouv.fr

**Partner search**

**Date (15-10-20)**

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

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| **LC-GD-7-1-2020 : Ecosystems and Biodiversity** |

* **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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| ARVALIS provides its expertise to the emergence of innovative crop systems that reconcile, throughout the territory, economic competitiveness, adaptation to markets and a positive contribution to environmental issues. The field of activities of ARVALIS - Institut du végétal concerns about 80% of the cultivated agricultural area in France and many sectors, from production to processing.We are structured around three dimensions: 1. A set of productions at the scale of the cropping system, mobilizing a transverse agronomic approach
2. Working scales ranging from the plant cell to the territory: gene, plant, plot, farm, landscape
3. A chain approach from the crop to the finished product: production, harvesting, conservation, storage, qualities, interactions with feed , food and non-food processes

**For the Area 7 Green deal call, we aim at contributing to restore biodiversity while enhancing rural bioeconomy, through the demonstration of more sustainable agricultural practices, tools and organization. We can provide expertise in piloting and evaluating innovative farming crops, and systems, through the use of beneficial organisms for pest control systems at the field and landscape scales, resulting in tools for farmers and advisers.** **+key words : agro-ecology, biodiversity, sustainable food systems, arable crops, co-innovation, applied research** |

**Organisation information**

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| **Organisation and country:****ARVALIS – INSTITUT DU VEGETAL (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.english.arvalisinstitutduvegetal.fr/index.html**](https://www.english.arvalisinstitutduvegetal.fr/index.html)[**https://www.arvalisinstitutduvegetal.fr/page-d-accueil-@/view-1318-category.html**](https://www.arvalisinstitutduvegetal.fr/page-d-accueil-%40/view-1318-category.html) |
| **Description of the organisation:**ARVALIS - Institut du vegetal is an applied agricultural research organization dedicated to arable crops: cereals, maize, sorghum, potatoes, fodder crops, flax and tobacco. It was established by farmers and dedicates its expertise to crop systems that combine economic competitiveness, adaptation to changing markets conditions and environment protection. It considers technological innovation as a major tool to enable farmers to meet major societal challenges. ARVALIS has effective means through 27 local sites in France, with a broad range of activities operating at the field scale from pre-sowing to post-harvest stages (experimental and demo farms). Over its 27 sites, and in collaboration with its partners from the agri-food sectors, ARVALIS is developing technical and economic solutions, while also innovating and ensuring their dissemination to farmers and advisors.  |

**(\*) Contact details**

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**(\*) –Mandatory**