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Horizon2020@recherche.gouv.fr

**Partner search**

**Date (20-07-20)**

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

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| **LC-GD-**[**6-1-2020 Testing and demonstrating systemic innovations for sustainable food from farm to fork**](https://www.horizon2020.gouv.fr/cid153155/recherches-offres-competences-pour-appel-green-deal.html#GD-6-1) **LC-GD-8-1-2020**[**Innovative, systemic zero-pollution solutions to protect health, environment and natural resources from persistent and mobile chemicals**](https://www.horizon2020.gouv.fr/cid153155/recherches-offres-competences-pour-appel-green-deal.html#GD-8-1) |

* **Quick description of the project**

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| **Project 6.1 is dedicated to launch innovative pathways on short food chains and decrease the ecological footprint of the food logistic systems. We are searching partners to build up, test and demonstrate farm-to-fork supply chain solutions and develop education for stakeholders.**  **The most urgent impact of environmental and food research has to be the reduction of environmental pollution and protect health. In project 8.1 our aim is to detect and trace chemicals in the plant/crop production to eliminate chemical over-usage in agriculture. Through the inconvenient agricultural practices the microbiome diversity is decreasing which has to be protected to achieve sustainable agriculture.** |

* **(\*) 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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| **The Reasearch and Development Center of the Eszterházy Károly University, Eger is the institute focusing on food, wine and ecological researches using micro- and molecular biology, analytical chemistry and plant physiology competences. Our laboratories have great expertise on microbiome ecology analysis, fungal genetics, plant-pathology, field trial experiments, LC-MS based metabolomic, proteomic and lipidomic researches and HTS aromatic fingerprint analysis.**  **Former projects were represented the subject of fighting grapevine diseases, functional food development, biosensor innovation, remote sensing and geoinformatics, short food chain studies. The Environmental Microbiome Research Group of the Hungarian Academy of Sciences can be found in our Center.**  **+key words : microbiology, environmental microbiome, food analytics, plant-pathogen interaction, short food chain** |

**Organisation information**

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| **Organisation and country: EKU Research and Development Center** |
| **Type of organisation:**  **□ Enterprise □ SME ⌧ Academic ⌧Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?**  **⌧ Yes □ No** |
| **Web address:** [**https://ebt.uni-eszterhazy.hu**](https://ebt.uni-eszterhazy.hu)**,** [**https://innoregio.uni-eszterhazy.hu**](https://innoregio.uni-eszterhazy.hu)**,** |
| **Description of the organisation:**  **Our institution takes great pride in its past; it has served the Hungarian higher education for over 250 years. Today, it is a popular university well embedded in the scientific, cultural and economic life of the region. EKU provides high quality education, excellent research opportunities and offers a friendly atmosphere for its roughly 8,000 students. The five Faculties of the University (Humanities, Economics and Social Sciences, Natural Sciences, Arts, Pedagogy, Informatics) are located on three campuses in beautiful historic towns situated in 3 major wine regions of Hungary. The University has seen rapid development during the past years, and has launched English language undergraduate and graduate education programmes and summer schools. Working alongside the faculties, there are ten internationally acclaimed knowledge centres that undertake applied research, as well as satisfying the practical needs of the region's institutions and companies. Additionally, EKU runs two schools, two hotels, vineyards and a winery allowing students to develop their practical skills.** |

**(\*) Contact details**

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| **Country** | **Hungary** |

**(\*) –Mandatory**