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| Searching for a Coordinator/Partner for | **The Green Deal – Farm to Fork** |
| Topic | **LC-GD-6-1-2020:**  **Testing and demonstrating systemic innovations in support of the Farm-to-Fork Strategy** |
| Subtopic | **E.** Reducing food losses and waste at every stage of the food chain including consumption, while also avoiding unsustainable packaging (IA) |
| Organisation Details | Teagasc is the Agriculture and Food Development Authority in Ireland. Its mission is to support science-based innovation in the Agri-food sector and the broader bio-economy that will underpin profitability, competitiveness and sustainability. Teagasc is the leading organisation in the fields of agriculture and food research in Ireland, undertaking innovative research in:  • Animal and Grassland Research and Innovation  • Crops, Environment and Land Use  • Food  • Rural Economy and Development  Our annual research portfolio comprises some 300 research projects, carried out by 500 scientific and technical staff in our research centres throughout Ireland. |
| How we can contribute to this topic | * Valorisation of agri-food processing by products through novel processing technologies to recover high value biomolecules for functional food, phytopharma- and cosmo-ceutical applications. * Charactertisation of bioactive molecules using high resolution mass spectrometry. * Quantification of bioactive molecules at different stages of processing to final novel food product. * Assignment of health benefiting bioactivtities including antioxidants, anti-diabetic and anti-Alzheimer’s.Disease * Bioactivity guided fractionation of extractsgenerated from the extracts of food processing by-products. |
| Other information | * Determination of additional nutritional composition analysis including proteins, dietary fibre, vitamins, minerals, amino acids. Fats and fatty acids * Food product development with these novel ingredients and their sensory and quality evaluation. |
| Previous Horizon 2020 projects | * Co-partner in EAPA\_338/2016 (EU InterReg). * Co-partner in 17/RD/SUSFOOD2/ERA-NET/1 (H2020 ERA-NET) |
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