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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 DevelopmentOur 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.
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| 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.
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| 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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