



Horizon Europe Brokerage Event
Cluster 6 Calls 2024

Brussels , 26 September 2023

Best available techniques to recover fertilising products from secondary raw materials

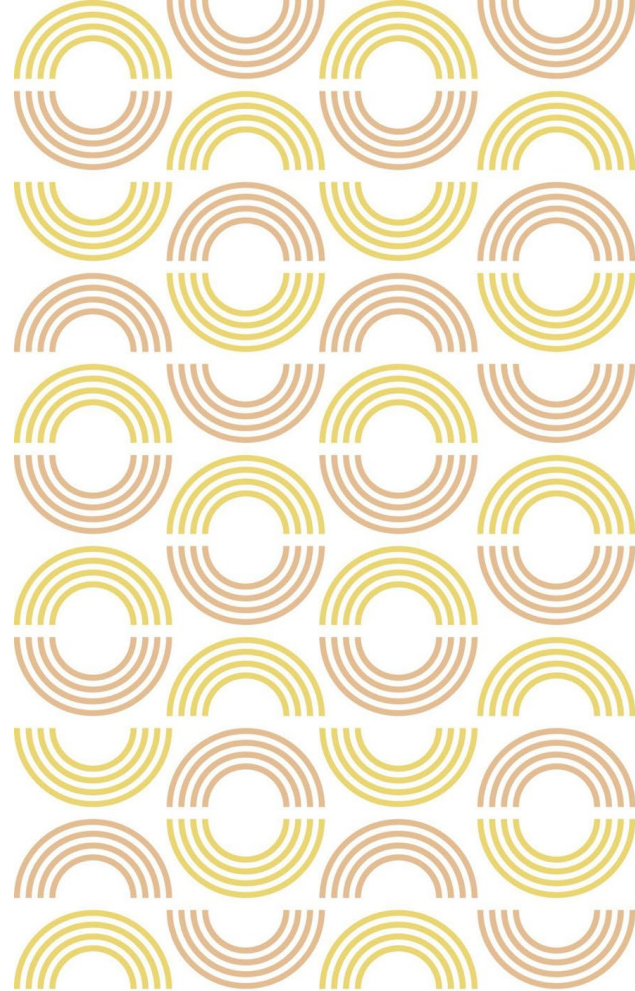
Dr. Ayşe Saygün

Istanbul Technical University



This project has received funding from the European Union's Horizon Europe research and innovation programme, under Grant Agreement No 101059839

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the granting authority can be held responsible for them.



Topic addressed :

- HORIZON -CL6-2024-ZEROPOLLUTION -01-2 Best available techniques to recover or recycle fertilising products from secondary raw materials

Other topics of interest:

- HORIZON-CL6-2024-FARM2FORK-01-2 New healthy and sustainable food products and processes
- HORIZON-CL6-2024-ZEROPOLLUTION-01-3 Environmental impacts of food systems

Project idea

The analysis of best available technologies for recovering fertilising products from secondary raw materials in Europe while limiting nitrogen and phosphorus pollution in soil, water and air

Analyse the technical availability of feedstock supply and potential to upscale the identified practices

Analyse the market and the regulatory framework of the identified practices

Analyse the fertilising products from each case study selected at the first step

Characterisation of secondary raw materials

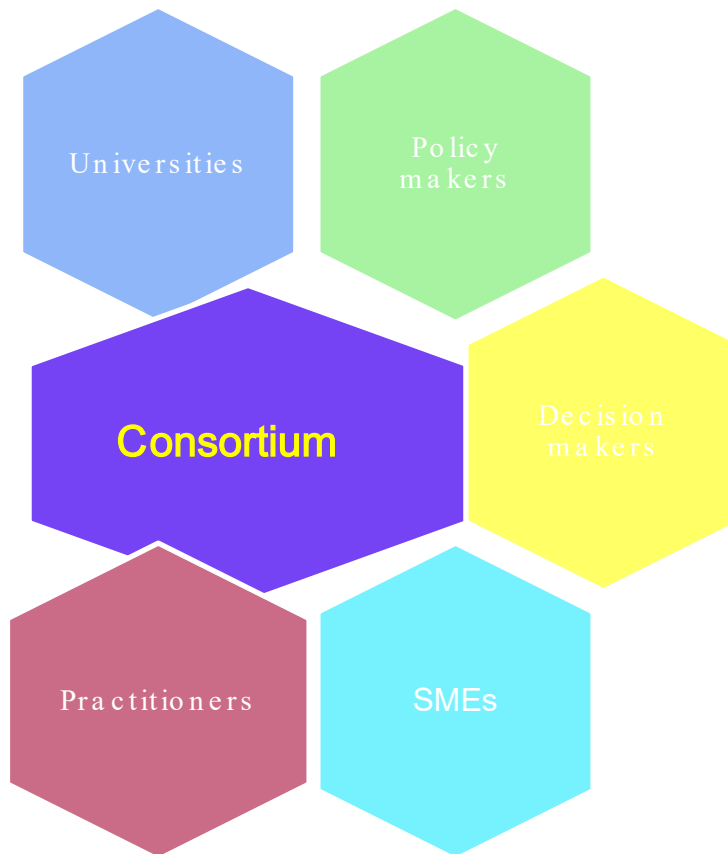
Assessment of the costs for installation, maintenance and upgrade of pollution prevention operations

Organic fertilising products from bio-waste

Recycled nutrients from urban and industrial waste water

Cluster 6 Brokerage Event

Brussels, 26 September 2023



Main expertise offered / sought

To be edited by you (replace the explanatory text)

Insert text outlining your expertise here

- ITU is a very long-established higher education institution and presents a powerful research base for scientists and for prospective researchers with its highly-developed research infrastructure. Providing technical education within a modern educational environment and strong academic staff, ITU is strongly identified with architectural and engineering education in Turkey. ITU is one of the leading research-intensive technical universities in Turkey.
- Regarding EU funded research; ITU currently has 21 projects from 6th Framework Programme, 47 projects from 7th Framework Programme, 3 projects from MEDA Programme, 2 projects from MINERVA Programme, 1 project from Leonardo Da Vinci Programme, 1 project from MATRA Programme, 1 project from Grundtvig Programme, 1 Project from DG TREN Fund, 1 Project from Youth in Action Programme, 1 project from Black Sea Cross Border Cooperation Programme, 2 Projects from Life Long Learning Programme, 26 projects from Erasmus Plus Programme, 1 project from IPA Capacity Building in the Field of Climate Change in Turkey Grant Scheme Programme, 27 projects from Horizon 2020 Programme, 1 Project from Horizon Europe Programme, 1 Project from New Erasmus+ Programme. ITU coordinated two MSCA Rise Projects and involved one MSCA RISE Project as a partner during Horizon 2020 Programme.
- Role in project: partner
- The requirements for additional partner(s): Expertise in soil science, AI Technologies, waste treatment

Contact details

- Ayşe Saygün
- Istanbul Technical University
- Academic institution
- Turkey