



WENXUAN SHI

ESR10: FERTILISER EQUIVALENCE VALUE (FEV) OF ORGANIC FERTILISERS AND THEIR APPLICATION IN SMART FARMING

Wenxuan is a Chinese PhD student at Teagasc and NUI Galway.

Research goals and focus:

- The aim of ESR10 is to develop new technologies to recover phosphorous for new fertilisers from DPW and establish their value and challenges on the environment, society, food safety and the economy.
- Collect DPW and REFLOW fertilisers for physical and chemical characteristics.
- Validate the FEV (N/P/K) of REFLOW fertilisers.
- Determine the optimum mode for application.

Expected results: Develop a smart app for farmers and agricultural advisors for application of these bio-based products.

Follow them on



The project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 814258.