



2 YEAR RESEARCH MSc OPPORTUNITY

Climate-smart Dairy: Assessing Challenges, Innovations, and Solutions

Background

Food systems are responsible for one third of global greenhouse gas (GHG) emissions. Dairy production is a significant contributor to those emissions and, given that global demand for dairy is projected to increase, there is an urgent need to reduce emissions from this sector. For example, a clearer understanding of the functioning and acceptability of climate-smart innovations that can be implemented along the dairy supply chain can contribute to achieving a climate-neutral EU continent by 2050.

The research MSc is part of an international multi-disciplinary project (SmartDairy) that assesses challenges, explores innovations, and creates new solutions to achieve a climate-smart dairy system. SmartDairy includes partners from Ireland, the UK, Italy and Finland. The main objective of this part of the project is to explore and test the implementation of carbon markets along the dairy supply chain. The MSc project tasks include a literature review, data collection and analysis, as well as dissemination and communication of results. Data collection will comprise of several methods including stakeholder workshops, living labs, semi-structured interviews, and quantitative surveys.

Requirements

- Strong honours degree (minimum 2.1) in an appropriate discipline, e.g. agricultural sciences, economics, psychology or related discipline.
- Knowledge of the Irish and/or EU agri-food sector
- Good communication skills, both written and verbal
- English language (where English is not the first language)

Award

The MSc Scholarship is funded by the Department of Agriculture, Food and the Marine's Competitive Research Funding Programme as part of the [ERA-NET FOSC SUSFOOD2](#) call.

The student will work under the supervision of Dr. Doris Laepple (National University of Ireland Galway) and Dr. Sinead Waters (Teagasc) and will be based in the [Ryan Institute](#) at NUI Galway.

The scholarship funding is €18,000 per annum and university fees of up to a maximum of €6,000 per annum and is tenable for 2 years.

Further Information

Dr. Doris Laepple, School of Business and Economics, NUI Galway. Email: doris.laepple@nuigalway.ie

Application Procedure

Please submit a cover letter and CV (as one pdf) by email simultaneously to: Dr. Doris Laepple (doris.laepple@nuigalway.ie) and Dr. Sinead Waters (sinead.waters@teagasc.ie)

Closing date: Friday 22 July 2022 at 5pm



**An Roinn Talmhaíochta,
Bia agus Mara**
Department of Agriculture,
Food and the Marine