



4th Phosphorus in Europe Research Meeting (PERM)

2 June 2021, 9-15.30 CEST, online

#EUGreenWeek
2021 PARTNER EVENT



Efficient carbon, nitrogen and phosphorus cycling in the European agri-food system and related up- and down-stream processes to mitigate emissions

01/09/2018 - 28/02/2023

Victor Riau

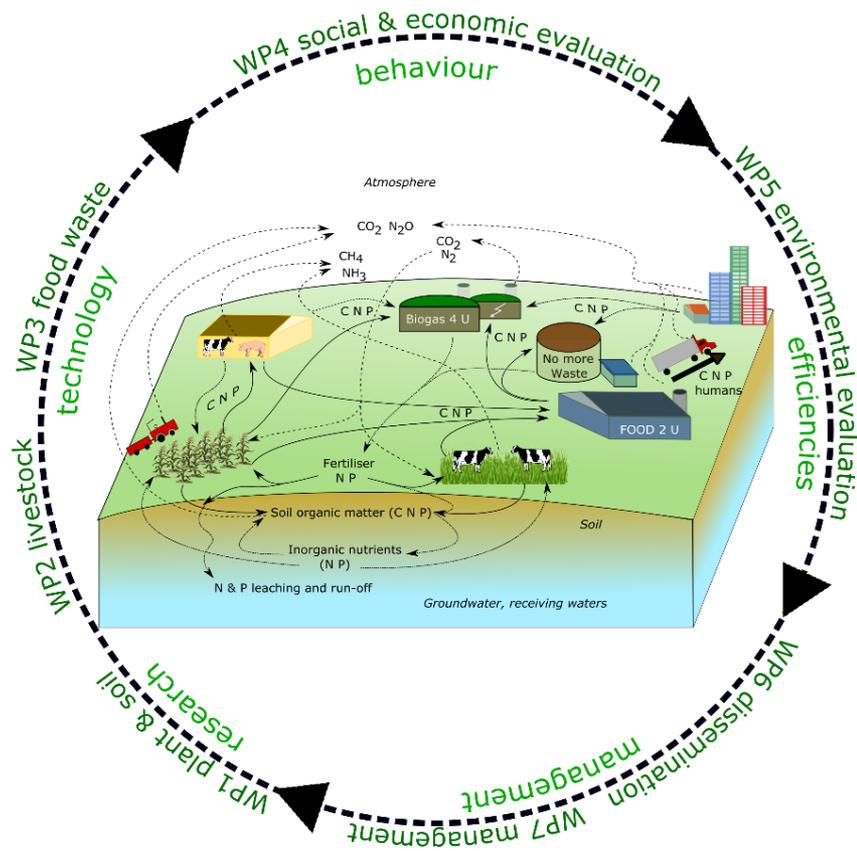
victor.riau@irta.cat

www.circularagronomics.eu



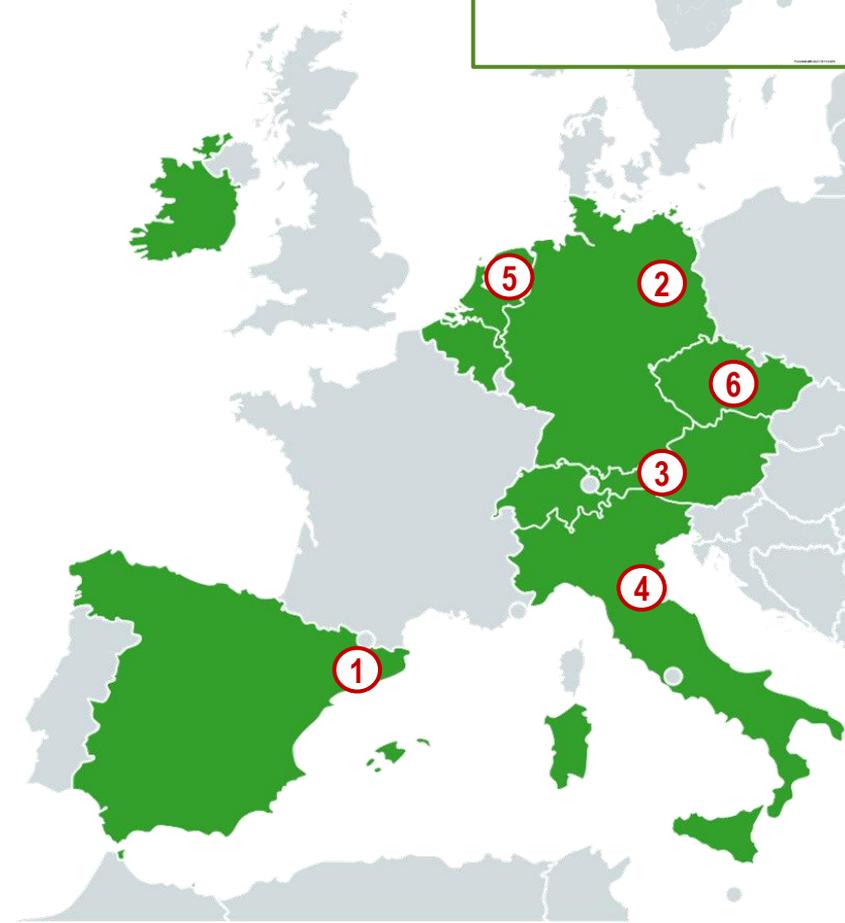
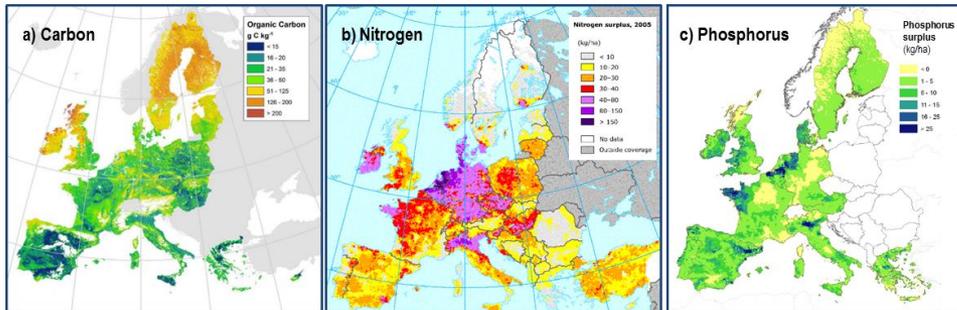
This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme, under **Grant Agreement No 773649**



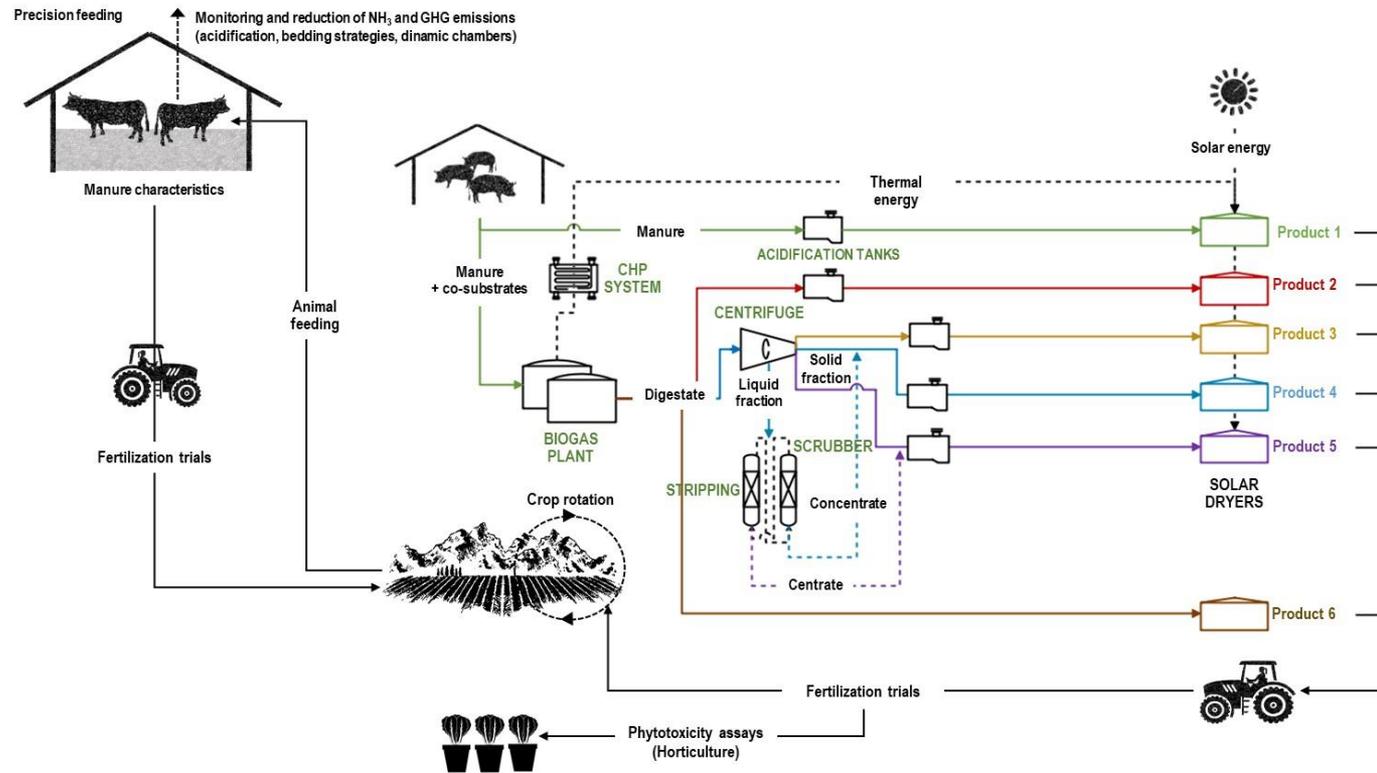
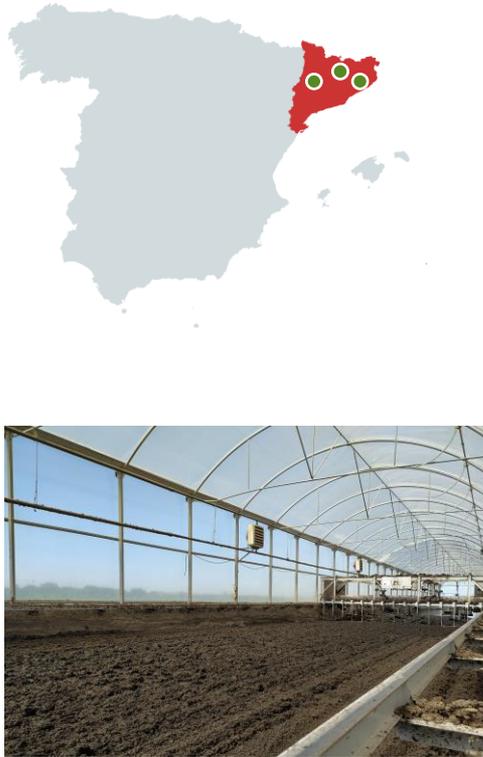


CASE STUDIES

- 1) Catalonia, Spain
- 2) Brandenburg, Germany
- 3) Lungau, Austria
- 4) Emilia-Romagna, Italy
- 5) Gelderland, Netherlands
- 6) South Moravia, Czech Republic



Example: Case study 1. Catalonia, Spain



- **Manure valorisation:** bioenergy and biofertilizer production from pig manure.
- **Mixed farming system** – Ruminant Production + fodder crops production. Precision feeding, bedding strategies
- **Long-term organic fertilization trials.** Application of organic amendments: C-sequestration, N and P assessment