

## Project aims

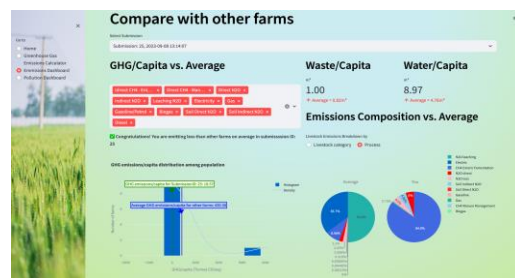
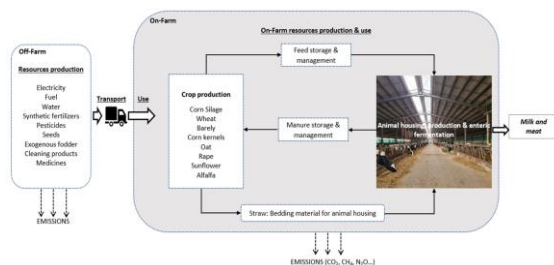
To provide solutions for GHGs emissions mitigation for mixed farming systems across a different European climate while increasing circularity

## Pilots

**Pilot #1** explore the management options to mitigate GHG emissions in a mixed crop-livestock production, Romanian pilot

**Pilot #2** evaluate regional synergies between livestock and crop production for enhancing agro-systems circularity in South-Eastern Spain

**Pilot #3** test new solutions to increase circularity and mitigate GHG emissions. The solutions will be tested in a pilot plant in Poland.



## Expected results

- develop new technologies to increase circularity and reduce GHG emissions: new liquid and solid fertilizers, new adsorbents for use in ammonium nitrogen removal
- create a Decision Support System for management of the mixed crop-livestock farm activities to mitigate GHG emissions
- elaborate management options to enhance agro-systems circularity based on the regional synergies between livestock and crop production
- create new controlled growth module to be used for the cultivation tests related to high-value crops

**Budget:** 995.000 EUR

**Duration:** 35 months

**Coordinator:** Beia Consult International (BEIA)

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Partners (Romania, Finland, Poland, Spain)

