

- **Climate Risk Region:**
- **Weather event addressed:**



Continental



Summer

- **Farming System:** Livestock Dairy cows
- **Farm vulnerability component:** Fodder system and concentrates
- **Description:**

Separation of the slurry into a liquid and a solid part. This increases the nutrient efficiency in the liquid part

### • **Comments on sustainability:**

The liquid part of the slurry can be spread on the grassland and does not leave a thick manure layer on the grass. The separated slurry has an easier infiltration into the soil. Less ammonia emissions are produced. Synthetic nitrogen fertilizer could be reduced through higher N content of slurry. For the separation, additional energy, working hours and investments are needed. Latter could be reduced by subcontractors.

## Implementation · MID TERM

### SUSTAINABILITY COMPONENTS

- GHG emissions
- Air quality
- Soil
- Water
- Biodiversity
- Animal Welfare
- Economic
- Social
- Technical Feasibility