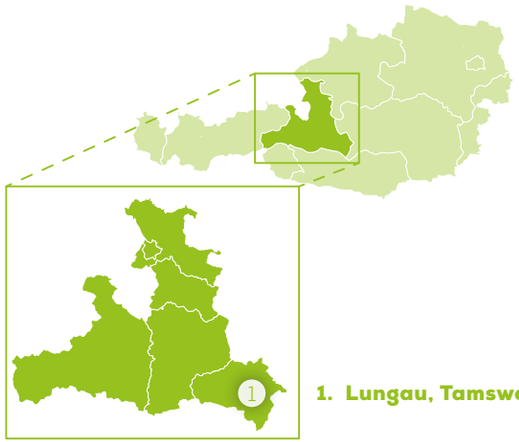
Challenge



1. Lungau, Tamsweg

DESCRIPTION

Mountain areas with mean altitude of 1148 m, average slopes of 22.7%, low mean annual temperatures of 5.2°C and mean annual precipitation of 720mm.

CHARACTERISTICS

The most important land use is permanent grassland, but some farmers in privileged locations are growing cereals (barley and triticale). The region is also famous for its potatoes.

CHALLENGES

- Area with low productivity, mean stocking rates are 1.02 LSU/ha of which 92% are cattle.
- Farmers aim to differentiate their products on the market to sustain themselves economically.
- Ruminants feed mostly on forage, concentrate represents only 5% of their diets.
- The main challenge is to establish a closed system of local production under rough, alpine conditions.

SELECTED PRACTICES

- Close nutrient cycles at dairy farms and reduce GHG emissions which are usually attributed to extensive farming systems.
- Develop feeding strategies based on measurements of gaseous emissions by using a respiration chamber.

Participating partners

Case study leader :

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Raumberg-Gumpenstein
Landwirtschaft

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Circular solutions for carbon and nutrient management

Case study
Lungau, Austria

