

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



Continental



Summer

- **Farming System:** Livestock Dairy cows
- **Farm vulnerability component:** Animal welfare
- **Description:**

Insulated roof, light coloured roof, high eaves, separate milking house, fresh air from floor channels, shade trees

• **Comments on sustainability:**

When building a new barn, there are many possibilities to reduce the heat stress. To reduce the energy demand, the focus has to be on passive ventilation and on reducing the heat through direct radiation. The investment in a new barn has to be planned very well. If this is done, the animal welfare as well as the working conditions for the farmer will be improved.

→ **Implementation · LONG TERM**

SUSTAINABILITY COMPONENTS

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