

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



Continental



Spring

Summer

- **Farming System:** Permanent crops Apple, vineyards
- **Farm vulnerability component:** Water dependency
- **Description:**

Installation of efficient irrigation systems (e.g. drip irrigation, tensiometric, on-site meteorological station)

- **Comments on sustainability:**

An efficient irrigation system encourages diligent use of water resources especially in dry times and/or regions. The dependence on water restrictions is reduced when less water is needed and new techniques should reduce the energy costs and therefore GHG emissions. With efficient water irrigation, no leaching of nutrients will happen. For some farmers the investments could be too high, so irrigation cooperations could be the solution.

Implementation · MID TERM

SUSTAINABILITY COMPONENTS

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