EFFICIENT IRRIGATION SYSTEMS

- **Climate Risk Region:**

Continental

- **Weather event addressed:**

Spring Summer

- **Farming System:** Arable crops All crops
- **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 occur. For some farmers the investments could be too high, so irrigation cooperations could be the solution and could reduce the costs.

Implementation · MID TERM

SUSTAINABILITY COMPONENTS

- \+ GHG emissions
- = Air quality
- = Soil
- \+ Water
- = Biodiversity
- = Animal Welfare
- € Economic
- = Social
- − Technical Feasibility