

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



Southern



Spring



Summer

- **Farming System:** Arable crops Vegetables
- **Farm vulnerability component:** Water dependency
- **Description:**

Tubes buried a few cm (semi-buried; annually changed; standard) or up to 20 cm (buried; lasts 2-3 years; thicker)

- **Comments on sustainability:**

Water saving avoids evapotranspiration. Very efficient if combined with tensiometric probes. Less irrigation needed. Optimized use of fertilizers. As the soil surface is not wet, no weeds grow and herbicides treatments are completely eliminated. May need investment, especially for buried tubing (not for semi-buried which uses the same technology)

Implementation · MID TERM

SUSTAINABILITY COMPONENTS

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