

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



Continental



All

- **Farming System:** Permanent crops Apple, vineyards
- **Farm vulnerability component:** Soil management
- **Description:**

Reducing the soil compression by self-driving machines e.g. for hoeing the tree strips

- **Comments on sustainability:**

The lighter and self-driving machines reduce the soil compression and the GHG emissions. Soil organisms, soil structure and water infiltration into the soil profit from this and therefore the yields as well. Initial investments are necessary but are payed off by the lower fuel and personal need and the improved soil structure. External advice may be necessary.

Implementation · MID TERM

SUSTAINABILITY COMPONENTS

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