Vineyards´ Integrated Smart Climate Application

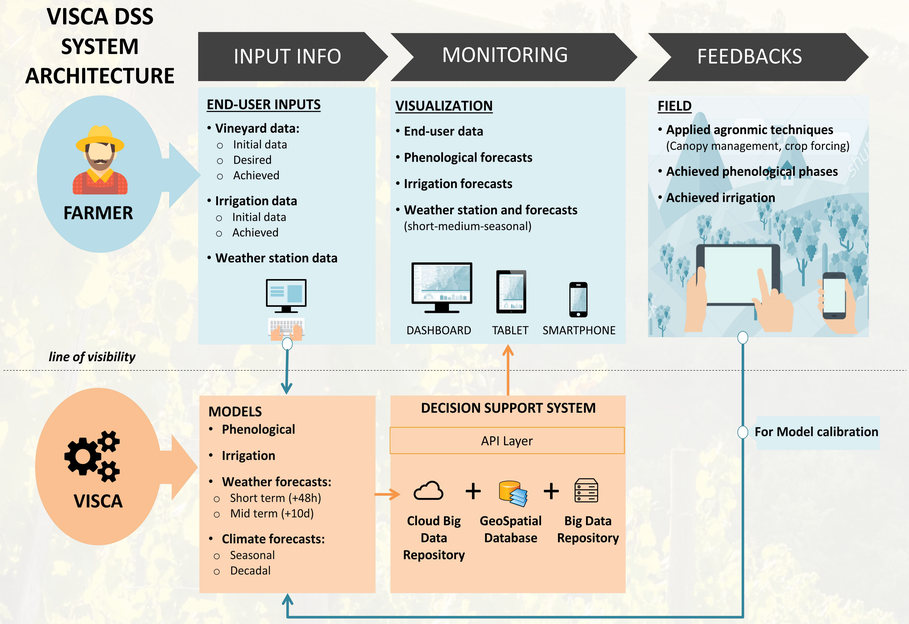
www.visca.eu

H2020-funded project (2017-2020), Budget: 3.2M€

VISCA Overview

VISCA provides a **Climate Service (CS)** and **Decision Support System (DSS)** that integrate **climate**, **agricultural models** with **farmers**' management specifications in order to design short-, medium- and long-term **adaptation strategies to climate change** and climate variability.

The main objective of VISCA is to **make European wine industries resilient to climate changes** while minimizing costs and risks through an improvement of the production management.



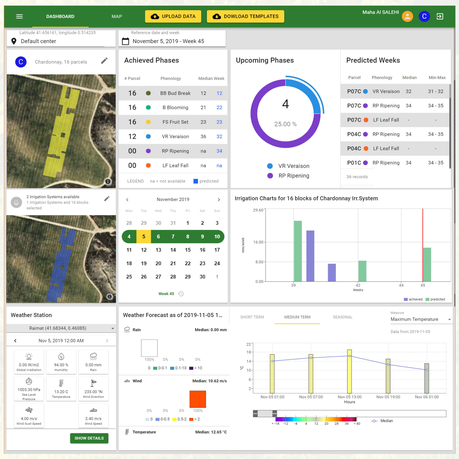
Added Value

✓Supply information to help farmers to make crop planning decisions (*budburst, harvesting, defoliation, pruning, etc.*).

✓Plan for the irrigation frequency and amount according to the needs of the plants.

✓Access to short -, medium-term and seasonal weather forecasting optimised for the location of the vineyard.

✓Consult integrated information of weather forecasts into phenological, sugar content evolution and irrigation prediction.



VISCA Decision Support System - Dashboard (VISUALIZATION)

VISCA Partners

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VISCA Project

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