

VISCA Overview

Changes in climate and weather patterns are threatening likewise premium wine-grapes, directly affecting the European wine industry

VISCA is a **Climate Service (CS)** and **Decision Support System (DSS)** that integrates **climate, agricultural and end-users' specifications** to design medium- and long-term **adaptation strategies to climate change on vineyards.**

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.

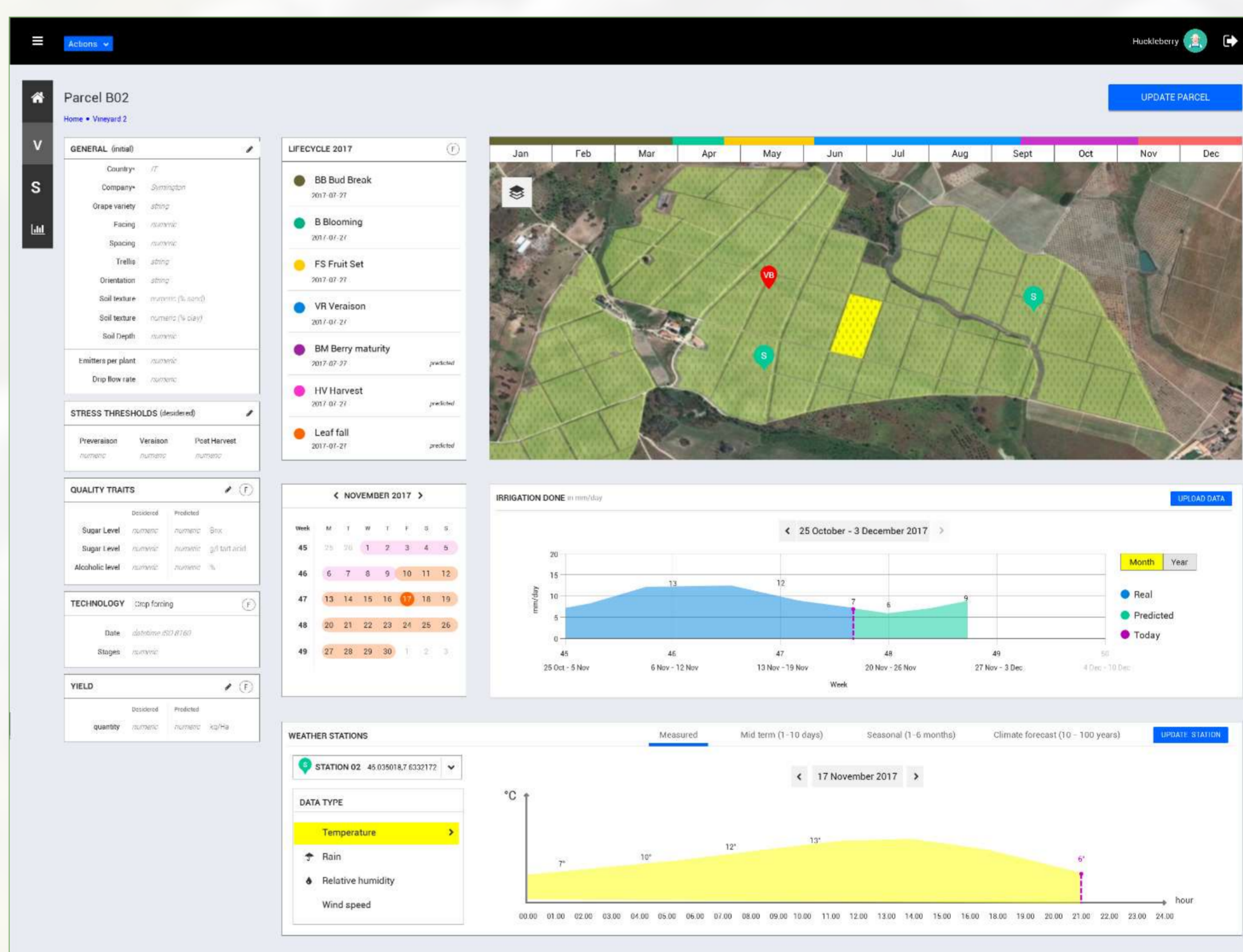
Several data sources will be integrated into a Geospatial database:

Inputs

- End-users' requirements
- Irrigation modelling data
- Phenological modelling data
- Weather (short, medium-term and seasonal) forecasting data

Outputs

Suggestions of best actions for crop management to adjust the life cycle of the vineyard.



VISCA Demo-sites

- Spain (**Codorniu**)
- Italy (**Mastroberardino**)
- Portugal (**Symington**)



VISCA Consortium



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