



## WHO ARE VISCA PARTNERS?



- **METEOSIM**, Spain (SME)
- **BSC**, Spain (Research center)
- **CODORNIU**, Spain (Large industry, end - user)
- **IRTA**, Spain (Research center)
- **ISMB**, Italy (Research center)
- **UNAP**, Italy (University)
- **Mastroberardino**, Italy (SME, end-user)
- **Symington**, Portugal (Large industry, end - user)
- **UPORTO**, Portugal (University)
- **SEMIDE**, France (NGO)
- **Alpha**, UK (SME)



## STAY IN TOUCH WITH VISCA PROJECT!

VISIT VISCA OFFICIAL WEBSITE:  
[WWW.VISCA.EU](http://WWW.VISCA.EU)

### FOLLOW US ON SOCIAL MEDIA:

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# VISCA

BUDGET 3.20 M€  
 MAY 2017 - APRIL 2020

## VINEYARDS' INTEGRATED SMART CLIMATE APPLICATION



[WWW.VISCA.EU](http://WWW.VISCA.EU)



**VISCA** 'Vineyards' Integrated Smart Climate Application' is an R&I project co-funded under the Horizon 2020 programme of the European Union.



**VISCA** will provide a Climate Service (CS) and Decision Support System (DSS) that integrate climate, agricultural and end-users' specifications in order to design medium- and long-term adaptation strategies to climate change.

**VISCA Services** will be validated by real demonstrations with end-users on three demo sites in Spain, Italy and Portugal:

- Weather forecasting/Extreme events
- Seasonal Forecasting
- Climate projections
- Phenological Treatments
- Irrigation Optimisation

**VISCA** aims to make European wine industries resilient to climate changes while minimizing costs and risks through an improvement of the production management (quality and quantity of final product) and evaluating its replicability to other high-added value agriculture sectors.

**THE OBJECTIVES TO BE ACHIEVED:**

- Development of a tool that supplies climate-informed advices the wine industry.
- Demonstration of the strategic adaptation decisions supplied by this tool in the vineyards.
- Definition of an action plan to tackle barriers and opportunities for the full deployment of VISCA.
- Evaluation of the replicability potential in other relevant sectors at international level.



**SPAIN (CODORNIU)**

**Size:** 7 ha (demo area)

**Climate:** Annual rainfall (300 - 450mm) - continental climate (av. 15°C)

**Grape variety:** Chardonnay and Tempranillo

**Soil composition:** lutites with sandstone



**ITALY (MASTROBERARDINO)**

**Size:** 1 ha (demo area)

**Climate:** Annual rainfall 750 mm - continental climate (up to 20 °C)

**Grape variety:** Aglianico

**Soil composition:** deep soil of volcanic origin with layers of clay and traces of limestone



**PORTUGAL (SYMINGTON)**

**Size:** 2.7 ha (demo area)

**Climate:** annual rainfall 500 mm av at Ota Ataíde - continental climate (11.8 -16.5° C)

**Grape variety:** Touriga Nacional

**Soil composition:** sandy-loam and loam

