



Climate Adaptation Solution Provider / Participants

METEOSIM SL

Meteosim is a company specialised in meteorological and environmental services, which operates worldwide using the most advanced numerical modelling tools. Our main business areas are air quality, climate change, risk management and ocean studies. The combination of our solid scientific background, our extensive meteorological knowledge and our client results improvement approach, enables us to create customised technology solutions that facilitate decision-making, both in terms of sustainability and operational excellence.

AREAS OF ACTIVITY

Climate Modelling

Climate Services

Data, Knowledge, Digital Services

EU Projects

Insurance Sector

Marine, Coastal, Fluvial Management

Water Management

Climate change adaptation

PROJECT

VISCA - Vineyards Integrated Smart Climate Application

VISCA 'Vineyards' Integrated Smart Climate Application' has been an R&I project co-funded under the Horizon 2020 programme. The main objective of VISCA has been making European wine industries resilient to climate changes, while minimizing costs and risks through an improvement of wine production management (quality and quantity of final product). For this, VISCA developed a Decision Support System (DSS) that integrates from short-term weather to seasonal forecast, linked to agricultural models (irrigation, phenology and sugar accumulation) as well as updated end-user feedback in order to design short practices, medium- and long-term adaptation strategies to climate variability and climate change. DSS is composed by interoperable VISCA services which feed a VISCA platform. The DSS was validated by real demonstrations over 3 growing seasons (2017-2020) with end-users on three demo sites in Spain, Italy and

Portugal. The consortium is led by Meteosim and it is composed of 11 members from different fields including climate service providers, agricultural experts, dissemination and exploitation specialists as well as end-users (Codorniu, Mastroberardino and Symington). Contact: Josep Maria Solé Tasia

<https://www.ecca21.eu/participants/1749> Official website of the project:

<https://www.visca.eu/index.php>

Applies to

Local level, Food security, ICT solutions, Regional level, Climate services, Climate modelling, Adaptation strategy, Agriculture, forestry, Extreme weather events, Demonstration activities, Climate change adaptation, Disaster risk management and reduction, Assessment of climate change impacts (physical, economic, social...)



ECCA 2021 - Climate Adaptation solutions - VISCA

Video <https://youtu.be/i8QKXUqKu2o>

