

INNOVINE. COMBINING INNOVATION IN VINEYARD MANAGEMENT AND GENETIC DIVERSITY FOR A SUSTAINABLE EUROPEAN VITICULTURE

Within the next decade, climate change will affect the suitability of the present grape varieties to their terroir and will change the impact of pests and diseases in vineyards. Growers and wine producers will have increasingly to take into account environmental issues while competing with other producing countries. In this context, the goal of the Innovine European project (www.innovine.eu; 27 partners from 7 countries) is to develop knowledge to support eco-friendly production methods and vinegrowers technical needs in a context of climate change (CC).

IT ADDRESSES THREE COMPLEMENTARY AXES:

- ◆ **Reduction of the use of pesticides in vineyards.** Research is carried out to improve disease models and support the development of durably resistant grapevine varieties. Research is also carried out to understand how cultural practices can improve indirect tolerance to pests therefore reducing the use of phytochemicals.
- ◆ **Effect of climate change on berry composition.** Research is carried out to model the effect of climatic parameters on berry composition and to support the development of adapted genotypes. Practices aiming at mitigating the effect of climate change are experimented.
- ◆ This and other knowledge will be integrated and implemented through the **development of Decision Supports Systems and of monitoring tools** for viticulturists and through the proposition of new management systems.

