OBJECTIVES OF BIOVINE:

BIOVINE aims to develop new viticultural systems based on increasing plant and functional diversity within (e.g. cover crops) as well as around (e.g. hedges, vegetation spots, edgings) vineyards by planting plant species able to contribute to the:

- control of pest populations (pest = any organism harmful to crops, including oomycetes, fungi, bacteria, nematodes and arthropods);
- reduction of pest damages;
- reduction of pesticide use;
- increase of the ecosystem services provided.

For more information please visit the website: www.biovine.eu
EXPECTED RESULTS AND IMPACT:
The control of grapevine pests is the most important and difficult task in organic viticulture. Insufficient control is often the main reason for growers to abandon organic production and renounce to a very interesting and growing market. Research carried out in the BIOVINE project aims to:

- Provide organic farmers with strategies to control pests in the vineyard, based on plant diversity to control pests and reduce pesticide dependence;
- Identify and study candidate plants for the enhancement of functional biodiversity in the vineyard;
- Develop new and efficient strategies for controlling grapevine pests;
- Test the new viticultural systems in different Countries in Europe (France, Italy, Romania, Spain and Switzerland);
- Estimate the effect of the developed and tested viticultural systems on ecosystem services.