**LEADER/CLLD cooperation offer**

**Acronym:** GreenVinum

**Title:** Sustainability Techniques and Energy Efficiency in the wine sector

**Concept Note:**

The production and maturation process in the winery sector confronts important waste and energy issues that could be improved. There are several wineries in the CLLD/LEADER interventions areas that could provide LAGs with the critical mass of receiving and distributing information. An overall environmental management process, formalized or not, could offer to each winery, depending on the size, the ability to reduce waste results and energy demand towards a more sustainable production process. Moreover, the potential influences from the climatic instabilities could create production problems to the producers and being able to get prepared could be supportive.

**General objectives:**

* To support wineries on the subjects of sustainability (incl. waste management), energy efficiency and resilience to climatic changes.
* To record and evaluate the existing situation on the wine industry.
* To offer the possibility of visits and exchanges to wine professionals and relevant experts.
* To create active local working groups for sustainable wine productions and to train these groups.

**Planned Duration:**

24 months

**Activity 1: Coordination actions**

Each partner will dedicate a budget for the required coordination actions. These actions are related to the administrative and financial planning and monitoring.

*D.1.1 Project Coordination*

An external expert will coordinate the project (following CLLD/LEADER eligibility rules) with the support of the personnel of each LAG.

*D.1.2 Project Meetings*

Each partner should participate in four project meetings related to the coordination of the project (M1, M8, M16, M24).

**Activity 2: Recording of existing situation on the wineries sector**

*D.2.1 Recording via questionnaires*

The questionnaires will be drafted with questions regarding the environmental, sustainable, energy and legal dimensions of a winery’s operation. The process will be organized by an external expert, including the process of drafting the questionnaire, distributing and receiving the questionnaires and analyzing the results. Scope will be to record the major risks, the critical points of the production process, the energy data and the potential existing innovative or good practices, the problems recorded by the climatic changes.

*D.2.2 Recording via research*

There is already work done in the subjects of sustainable techniques (incl. waste management), energy efficiency and resilience to climatic change. Three external experts with the support of the involved LAGs will scan the existing bibliography in order to offer full reports on the three sectors.

**Activity 3: Operation of local working groups (LWG)**

*D.3.1 Creation of LWG*

In each involved area working groups will be organized with the participation of wine sector entrepreneurs, vineyards farmers, relevant public services, local authorities, experts. These working groups will create locally the critical mass for discussing the activity 2 results, offering a second reading with comments and suggestions that could be adapted.

*D.3.2 Implementation of local workshops*

In each involved area a workshop will be organized with the participation of LWG members. In these workshops the results of activity 2 will be presented and, more importantly, an open discussion with the individuals of the field will take place, recording views/objections/comments/suggestions. After each workshop detailed minutes will be drafted.

**Activity 4: Visits and exchanges programme**

*D.4.1 Creation of the wineries network to visit*

Based on the results of D 2.1 and especially on the good practices recorded, wineries that offer already installed techniques on sustainability, energy efficiency and measures on climate protection will create a visits network. In parallel such wineries will be recorded in other areas and countries. Finally an overall network of to visit wineries will be created.

*D.4.2 Visits and exchanges*

From each LAG area, two LAG members and three to five wine producers or relevant stakeholders will be selected to participate in the predefined visits. The visits will be organized with on-site visit and local workshop for exchange between the wine producers and stakeholders. A report for each visit and exchange will be created.

**Activity 5: Creation of Handbook on Proposed Techniques and Best Practices**

*D.5.1 To define a common methodology for Handbook on Proposed Techniques and**Best Practices*

All partners with the support of an appointed external expert will participate in this activity. The contents of the methodology will be defined also within the local working groupsand with meetings of the project.

*D.5.2 Handbook on Proposed Techniques and**Best Practices*

A Handbook on Proposed Techniques andBest Practices will be created with the support of an appointed external expert.

**Activity 6: Sustainable Training and adaptation**

*D.6.1 Sustainable training courses*

In each involved area training courses will be organized on the proposed techniques and best practices (activity 5) with the experts involved in the project (activities 2 and 5). The trained professionals will receive an informal certification for the participation.

*D.6.2 Adaptation of proposed techniques*

The involved wineries having adapted techniques and measures or to adapt them via the CLLD/LEADER programme other measures will create a network of Green wineries, that will operate and implement specific communication actions.

**Activity 7: Communication actions**

The communication actions will be based on the actual needs of the project. A detailed communication manual will be produced by the project coordinator as a handbook for all partners for all communication actions and rules, based on the discussions of the first project meeting. This communication manual will define all communication actions for the network of Green wineries.

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