

ECPGR Activity Grant Scheme Proposal Form Third Call

Activity Proposal

Activity	
Full title	On-farm inventory of minor grape varieties in the European Vitis Database
Acronym (or short title)	Grape On Farm
Duration of Activity (in months)	12
Starting date	01 January 2017

Applying Working Group(s)

Working Group	Indicate name and surname of Working Group Chair
1. Vitis	Thierry LACOMBE
2.	
3.	
4.	

Activity Coordinator

Activity Coordinator	
Name and Surname	Erika Maul
Nationality	German
Current position	Senior Scientist
Institute	Julius Kühn-Institut
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Activity Partners

Please note that each partner needs to be a member of a Working Group's Pool of Experts to be eligible.

A maximum of 12 funded partners can be listed. For self-funded partners please use the separate box below.

Partner ID No.	Name and Surname	Institute	Country
1	Goran Zdunic	Institute for Adriatic Crops and Karst Reclamation	Croatia
2	Frida Carka	Gene Bank of Albania Agricultural University of Tirana Koder-Kamez	Albania
3	Dragoslav Ivanisevic	University of Novi Sad, Faculty of Agriculture Institute for Fruit Growing & Viticulture	Serbia
4	Erika Maul	Julius Kühn-Institut (JKI) - Federal Research Centre for Cultivated Plants Institute for Grapevine Breeding Geilweilerhof	Germany
5	Jose Eduardo Jorge Eiras Dias	Instituto Nacional de Investigação Agrária e Veterinária	Portugal
6	Edi Maletic	Faculty of Agriculture University of Zagreb	Croatia
7	Gregorio Munoz Organero	Instituto Madrileño de Investigación y Desarrollo Rural, Agrario y Alimentario (IMIDRA)	Spain
8	Dragan Nikolic	Faculty of Agriculture University of Belgrade	Serbia
9	Thierry Lacombe	INRA – UMR AGAP, Equipe – Diversité, Adaptation et Amélioration de la Vigne, Montpellier	France
10	Massimo Gardiman	CREA Centro di ricerca per la Viticoltura, Conegliano	Italy
11	Vesna Maras	Development Sector 13. jul Plantaže 81000 Podgoriza	Montenegro
12	Ferdinand Regner	HBLA und BA Klosterneuburg Rehgraben 2 2103 Langenzersdorf	Austria

Self-funded partners

Partner No.	Name and Surname	Institute	Country
1	Radojko Pelengic		Slovenia
2			
3			
4			
5			
6			

Description of Activity

Please address the following aspects:

Background: Explain the context behind the choice of this Activity, e.g. why this has been prioritized or selected. If this is the continuation of a preceding Activity, please indicate how and why the new Activity will build on previous results/experiences

Justification: Explain why this Activity is justified in terms of making progress towards achieving the ECPGR objectives

– **Methodology or Approach:** Explain how the partners will operate. What are the respective roles and synergies they can add? Explain the rationale of meeting (or not) as part of the Activity.

– **Expected impact.** Clearly specify the expected impact from this Activity for the respective ECPGR objective(s), compared to the current state of progress of those same objectives. Explain how the impact will be obtained.

Links with other non-ECPGR projects or individuals: If applicable, clearly explain the objectives of the linked projects and the reasons for complementarity with the ECPGR Activity.

Describe the Activity - (max. 1000 words):

Background:

In the last decade minor and neglected grape varieties - recovered via prospections or from germplasm repositories – gained reputation. These varieties *in situ/on-farm* maintenance by winegrowers assist to broaden their genetic basis, because clonal diversity can evolve and is simultaneously preserved. Wines from these rare varieties are unique and hence niche products and provide a high added value. Marketing is connected to historical aspects of the variety and promoted by attributes like “indigenous, old, rare, neglected, forgotten, lost and recovered”. An inventory of on-farm producers is intended as a framework addressed to wine growers and wine consumers at once. The information should e.g. enable the exchange of experience, facilitate access to propagation material and inform wine consumers where to find the products of rare varieties. In addition the on-farm-inventory would contribute to monitor preservation of the old and rare varieties.

Justification:

The implementation of on-farm conservation for crop wild relative (CWR) and land race (LR) populations throughout Europe and the establishment of mechanisms for an effective utilization of the germplasm are objectives of ECPGR in the current phase IX (2014 – 2018). The proposal for the setup of an inventory about on-farm-maintenance of rare and old grapevine varieties is in line with that aim. In addition the outcome could serve the “ECPGR Concept for on-farm conservation and management of PGRFA diversity in Europe”.

Approach:

Task 1: Announcement of the initiative

A text will be elaborated by the partners and sent to researchers and growers’ magazines for dissemination. The objectives and advantages of an on-farm inventory will be described and wine growers are invited to participate.

Task 2: Selection of descriptors for on-farm registration in the European Vitis Database

In the scope of GrapeGen06 descriptors for on-farm maintained varieties were compiled. In addition the descriptors in the draft of “The ECPGR concept for *in situ* (on-farm) conservation in Europe” will be considered. Furthermore the ECPGR Info and Doc-Group and the national coordinators of the national inventories will be invited to contribute in that matter. The descriptor list will be of use for EURISCO, envisaging the implementation of on-farm aspects. The descriptors could also include agronomic and marketing aspects e.g. provide information to the customers about the varieties properties.

Task 3: Implementation of the inventory in the European Vitis Database
An “on-farm maintenance” section will be added, including the chosen descriptors and search features.

Task 4: Collection of data
Answers from wine growers are gathered by the national representatives. The national representatives will record the on-farm-descriptor-data in close cooperation with the growers.

Task 5: Shipment of data
On-farm-descriptor-data will be sent to the National Inventories and the manager of the European Vitis Database.

Task 6:
State of the art of the possibility to include minor varieties into national lists. The objective is to facilitate the process for a legal cultivation and the possibility to trade the wines. National strategies will be compared, illustrating the different approaches in European countries and leading to an easy guide. In addition it is aimed to provide a proposal for a legal framework for minor grape cultivars not included in national variety lists, comparable to Commission Directives, providing for certain derogations for acceptance of agricultural landraces and varieties which are naturally threatened by genetic erosion, like COMMISSION DIRECTIVE 2008/62/EC, COMMISSION DIRECTIVE 2009/145/EC and COMMISSION DIRECTIVE 2010/60/EU

Expected products and related ECPGR Objectives

List concrete products and results that are obtained by the Activity and the corresponding number(s) of the ECPGR Outcome(s) and/or Output(s) and/or Activities to which each product/result will contribute.

	Expected products/results	Corresponding ECPGR outcome, output, activity
1	Implementation of an on-farm-inventory of neglected grape varieties in the European Vitis Database. Via the contact data in the inventory growers get the possibility to contact each other and to exchange experience. Information about the availability of and the access to plant material is provided. Maintenance and threat is monitored.	2.3.2 Development of a standard for exchange of in situ and on-farm data
2	Maintenance on-farm is carried out with a high number of plants. Thus the varieties agronomic performance can be investigated and wine quality can be evaluated under practice conditions. Private sector contributes to secure intravarietal / clone diversity in vineyards. Clonal variants cannot be preserved in national or regional grapevine repositories, because of their limited capacity.	3 In situ conservation of priority crop wild relative (CWR) and landrace (LR) populations are implemented throughout Europe. Mechanisms are in place for more effective utilization of the conserved germplasm.
3	The proposed measures stimulate winegrowers to plant minor grape varieties and marketing is promoted. Nowadays people are searching for outstanding products that not everybody has. The	5.2.1 Effective services to users are established

	inventory would inform where the specialties can be obtained. The creation of a label (national/European) for on-farm produced wine of minor grape varieties is discussed.	
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Workplan for the proposed period of the Activity

Brief description of meetings and/or main actions of the Activity.

	Type of Action (indicate if "meeting" or "other action")
1 other action	<u>Month 1</u> : Preparatory work. Elaboration of a text to be published in the respective languages by national wine growers' magazines.
2 other action	<u>Months 2 to 4</u> : Preparatory work. Selection and development of descriptors for on-farm registration in the European <i>Vitis</i> Database.
3 other action	<u>Months 4 to 9</u> : Implementation of the on-farm inventory in the European <i>Vitis</i> Database using the selected descriptors. Collection of on-farm data from wine growers.
4 meeting:	<u>Month 9</u> : Presentation of the development status of the action by each partner. Work on the data received from wine growers/associations. Discussion on additional measures to obtain relevant information. Start to work on an easy guide to facilitate the process for a legal cultivation and the possibility to trade the wines. Presentation of the on-farm tool in the European <i>Vitis</i> Database.
5 other action	<u>Months 10 to 12</u> : On-farm descriptor data will be edited by the national coordinators according to the selected on-farm descriptors and shipped to the National Inventories and the manager of the European <i>Vitis</i> Database for uploading. The easy guide and a proposal for a legal framework for minor grape cultivars not included in national variety lists will be completed. It will be available via the European <i>Vitis</i> Database.

Additional remarks

Indicate any additional remark(s) that is/are important for the evaluation/implementation of the proposed Activity

Remarks:

Please send the completed form together with the budget table to the Chair of the submitting Working Group for submission of the Activity proposal.