



STABIWINE

Project ID: 314903

Funded under: [FP7-SME](#)

USE OF BIOPOLYMERS FOR SUSTAINABLE STABILIZATION OF QUALITY WINES

From 2012-09-01 **to** 2015-11-30, closed project | [STABIWINE Website](#)

Project details

Total cost: EUR 1 620 250,40 EU contribution: EUR 1 063 000 Coordinated in: Italy	Topic(s): SME-2012-2 - Research for SME associations Call for proposal: FP7-SME-2012 See other projects for this call Funding scheme: BSG-SME-AG - Research for SME associations/groupings
---	--

Objective

Wine market is very competitive. EU producers need to reduce production costs and increase their sustainability standard while improving the quality of their wine. Wine stability is one of the most important quality parameters. To avoid formation of cloudiness or precipitates in bottled wines, producers preventively treat it by mean of physical methods or additives. The present practices for tartaric, protein and oxidative stabilization are not suitable for each type of wine and production facility, in particular in small wineries (conventional and organic); moreover, they involve a large use of energy or water, can negatively affect overall wine quality and processing, impose sometimes the use of large quantities of coadjunts or additives, and can be at the original of significant product losses.

Aim of the project is to test effectiveness and suitability in winemaking of biopolymers on new conception or already used in other sectors and to make these new practices available for EU SME wine producers. Addition of biopolymers to wine have shown the ability to inhibit the formation of tartrate crystals, potentially without negative side effects and with no use of energy and water. Other types of biopolymers are known for their ability to absorb proteins in a selective way, and can be adapted to winemaking purpose in order to avoid loss of product and to increase sensorial wine quality. Potential economical, environmental and social benefits are relevant.

The project include evaluation of the effect of the treatments on human health and environment, and actions to facilitate the authorization of the new practices by international and European regulatory bodies for conventional and organic winemaking. Extensive dissemination and exploitation activities are foreseen to allow fast take-up of new technologies by SME-AG members and by all European wine producing SMEs.

Related information

Result In Brief	Compounds that stabilise wine
Report Summaries	Final Report Summary - STABIWINE (USE OF BIOPOLYMERS FOR SUSTAINABLE STABILIZATION OF QUALITY WINES) Periodic Report Summary 1 - STABIWINE (USE OF BIOPOLYMERS FOR SUSTAINABLE STABILIZATION OF QUALITY WINES)

Coordinator

ASSOCIAZIONE ITALIANA PER L AGRICOLTURA BIOLOGICA*AIAB
VIA PIAVE 14
00187 ROMA
Italy

Italy

EU contribution: EUR 387 898

Activity type: Other

Administrative contact: Cristina Micheloni

Tel.: +39 0432 800371

Fax: +39 0432 800371

[E-mail](#)

Participants

INTERPROFESSION DES VINS D'APPELLATION D'ORIGINE CONTROLEES COTES DU RHONE ET
VALLEE DU RHONE
Rue Des Trois Faucons 6
84024 AVIGNON CEDEX 1
France

France

EU contribution: EUR 100 300

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative contact: Christine Cagna

Tel.: +33 4 90114602

[E-mail](#)

CONSEJO REGULADOR DE LA DENOMINACION DE ORIGEN CARINENA
CAMINO DE LA PLATERA 7
50400 CARIÑENA
Spain

Spain

EU contribution: EUR 78 509

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Administrative contact: Claudio Herrero Ezquerro

Tel.: +34976793031

Fax: +34976621107

[E-mail](#)

INSTITUT FRANCAIS DE LA VIGNE ET DU VIN
DOMAINE DE L'ESPIQUETTE -
30240 LE GRAU DU ROI
France

France

EU contribution: EUR 18 400

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative contact: Philippe Cottereau

Tel.: +33 4 66 20 67 00

[E-mail](#)

CONSIGLIO PER LA RICERCA IN AGRICOLTURA E L'ANALISI DELL'ECONOMIA AGRARIA
VIA PO 14
00198 ROMA
Italy

Italy

EU contribution: EUR 16 765

Activity type: Research Organisations

Administrative contact: Antonella Bosso

Tel.: +390141433811

[E-mail](#)

UNIVERSIDAD DE ZARAGOZA
CALLE PEDRO CERBUNA 12
50009 ZARAGOZA
Spain

Spain

EU contribution: EUR 13 120

Activity type: Higher or Secondary Education Establishments

Administrative contact: Oscar Lopez Lorente

Tel.: +34 976761000

[E-mail](#)

FONDAZIONE ITALIANA PER LA RICERCA IN AGRICOLTURA BIOLOGICA E BIODINAMICA
VIA PIO MOLAJONI 76
00159 ROMA
Italy

Italy

EU contribution: EUR 8 240

Activity type: Research Organisations

Administrative contact: Luca Colombo

Tel.: +39 0645437485

Fax: +39 0645437469

[E-mail](#)

UNIVERSITA DEGLI STUDI DI MILANO
Via Festa Del Perdono 7
20122 MILANO
Italy

Italy

EU contribution: EUR 11 440

Activity type: Higher or Secondary Education Establishments

Administrative contact: Sergio Longo

Tel.: +39 02 50318335

Fax: +39 02 50318301

[E-mail](#)

UNIVERSITA DEGLI STUDI DI TORINO
Via Giuseppe Verdi 8
10124 TORINO
Italy

Italy

EU contribution: EUR 8 360

Activity type: Higher or Secondary Education Establishments

Administrative contact: Francesco Trotta

Tel.: +39 011 6707550

[E-mail](#)

FALUA SOCIEDADE DE VINHOS SA
ZONA INDUSTRIAL LOTE 56
2080 221 ALMEIRIM
Portugal

Portugal

EU contribution: EUR 9 600

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative contact: Luis Castro

Tel.: +351 243594280

[E-mail](#)

ETAIRIA PARAGOYIS - METAPIISIS KAIEMPORIAS INON KAI AGROTIKON PROIONTON AE
2ND KM AMYNDEON AG PANTELEIMON
53200 AMYNDEON
Greece

Greece

EU contribution: EUR 9 600

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative contact: Angelos Iatridis

Tel.: +30238602011

Fax: +302386020132

[E-mail](#)

VINIDEA SRL
PIAZZA 1 MAGGIO 20
29028 PONTE DELL OLIO PIACENZA
Italy

Italy

EU contribution: EUR 123 680

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative contact: Lorenza Celaschi
Tel.: +39 0523876423
[E-mail](#)

ESSECO SRL
VIA SAN CASSIANO 99
28069 TRECATE NO
Italy

Italy

EU contribution: EUR 277 088

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative contact: Marco Manfredini
Tel.: +39 0321 790216
[E-mail](#)

THE AUSTRALIAN WINE RESEARCH INSTITUTE LIMITED
CNR HARTLEY GROVE & PARATOO ROAD
5064 URRBRAE SOUTH AUSTRALIA
Australia

Australia

Activity type: Research Organisations

Administrative contact: Daniel Johnson
Tel.: +61 8 83136600
Fax: +61 8 83136601
[E-mail](#)

Subjects

[Scientific Research](#)

Last updated on 2017-05-08

Retrieved on 2017-05-25

Permalink: http://cordis.europa.eu/project/rcn/105090_en.html

© European Union, 2017