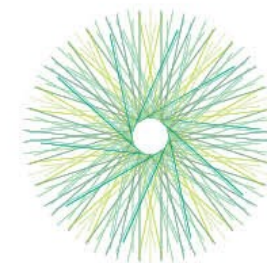


EIP-AGRI Seminar

Moving EIP-AGRI implementation forward

May 10 – 11, 2017 – Athens, Greece



eip-agri
AGRICULTURE & INNOVATION



funded by





EIP-AGRI Seminar 'Moving EIP-AGRI implementation forward' Wednesday 10 May 2017 – Athens, Greece

08:50 – 12:00 Social event: guided tour of the Acropolis Museum

12:00 – 13:00 Registration and buffet lunch

Setting the scene – Why are we here in this seminar?

13:00 – 13:10 Welcome by the host and by DG AGRI, European Commission

Charalambos Kasimis, Greek Secretary-General of Agricultural Policy and Management of European Funds

Alexander Bartovič, DG Agriculture and Rural Development

13:10 – 13:25 The bigger picture of the EIP-AGRI

Inge Van Oost, DG AGRI

13:25 – 13:30 Warm-up

Sebastian Elbe, EIP-AGRI Service Point

13:30 – 14:00 What EIP-AGRI is about – examples of Operational Groups (OGs)

- DE – Mecklenburg-Vorpommern, *Ulrich Knaus – Aquaponics, combining plant and fish production*
- SE – Sweden, *Samo Grasic – Innovative planning in reindeer herding*
- FR – Midi-Pyrénées, *Christophe Durand – Triple performance for pig farming*
- **IT – Emilia-Romagna, *Matteo Gatti – Competitive and sustainable viticulture***
- BE – Flanders, *Koen Mertens – Testing the potential of sensors for GPS technology on pilot farms*

14:00 – 14:20 1st breakout session – “Getting to know each other”

Introduction – *Sebastian Elbe, EIP-AGRI Service Point*



AMPLIAMENTO E VALORIZZAZIONE DELLA BIODIVERSITÀ
PER UNA GESTIONE COMPETITIVA E SOSTENIBILE
DELLA VITICOLTURA PIACENTINA
IN UN CONTESTO DI MUTATE CONDIZIONI CLIMATICHE E SOCIALI



UNIVERSITÀ
CATTOLICA
del Sacro Cuore



**Programma di
Sviluppo Rurale
dell'Emilia-Romagna
2014-2020**

Broadening and improving biodiversity for a more competitive and sustainable viticulture in the Colli Piacentini area

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PROJECT STAGE : ONGOING



CONTACT DATA

Project coordinator : Prof. Stefano PONI (Department of Sustainable Crop Production, Università Cattolica del Sacro Cuore, Via E. Parmense, 84 29122 PIACENZA, Italy. e-mail stefano.poni@unicatt.it telephone +39 0523 599 271)

Funding source & budget, PSR Emilia Romagna, 376,475.53 €

Project website : www.valorinvis.eu

CURRENT ISSUES

- a) Grapevine phenology, ripening and sugar accumulation are influenced by global warming. Local wine industry is strongly affected by climate change in particular as it concerns the achievement of an optimal technological maturity in whites such as Ortrugo.
- b) Croatina and Barbera are blended for producing the local red wine «Gutturnio». Despite its high quality grapes, Croatina shows two main problems: a) low basal bud fruitfulness, and b) low suitability to vineyard mechanization.
- b) Vineyards are frequently affected by multiple summer stresses.
- c) Due to climatic conditions, downy and powdery mildew are the two main diseases to be controlled. A more sustainable use of pesticide is aimed for.

OBJECTIVES

- i) Adaptation to global warming through introduction and valorization of local biotypes able to retain high total acidity under high heat loads and suitable to adapt to the cooler niches of sub-mountain spots;
- ii) Evaluation and adoption of new rootstocks tolerant to drought;
- iii) Finding a realistic solution to the alternate bearing pattern of the native cv. Croatina by promoting the use of the cross-bred cv. Ervi;
- iv) Achieving a significant reduction in the use of pesticides by evaluating adaptability of new downy and powdery mildew resistant genotypes and strengthen the adoption of ICT technologies by testing the use of the decision support system vite.net as a tool to schedule timing, number and type of sprays.

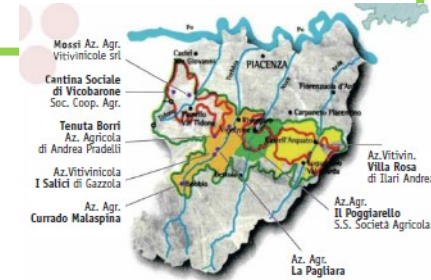
PARTNERS

LEAD PARTNER

- *Università Cattolica del Sacro Cuore (UCSC), research institute*

OTHER PARTNERS

- *HORTA s.r.l., SME*
- *Vinidea s.r.l., SME*
- *Mossi Aziende Agricole Vitivinicole srl Società Agricola, farmer*
- *Cantina Sociale di Vicobarone Società Cooperativa Agricola, farmer*
- *Azienda Vitivinicola Villa Rosa di Illari Andrea e C. SS Società Agricola, farmer*
- *Az. Vitivinicola "I Salici" di Gazzola Claudio, farmer*
- *Az. Agr. Il Poggiarello S.S. Società Agricola, farmer*
- *Az. Agr. La Pagliara s.s., farmer*
- *Tenuta Borri Azienda Agricola di Andrea Pradelli, farmer*
- *Az. Agr. Currado Malaspina, farmer*



COMPLEMENTARITY WITHIN THE GROUP

Research in Viticulture (PE1)

Production, experimental vineyards based on new genotypes (PE2-5)

Production, vineyards sited at different elevation in marginal areas (PA1-4)

Decision Support Systems (DSS) and agricultural services (PE6)

Results dissemination, Interactions with EIP-Agri, training activities (PE7)

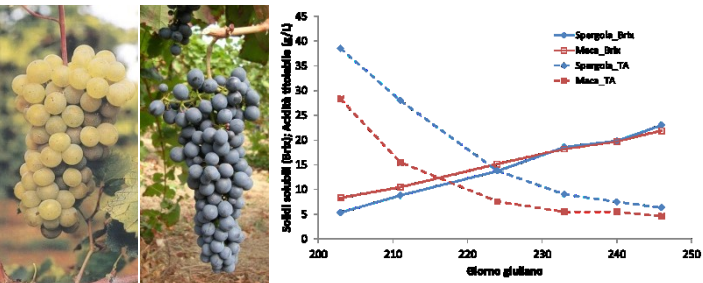
ACTIONS

Project management.

- 1) Literature search and evaluation of the state of the art.
- 2) Evaluation of varietal adaptability of local varieties.
- 3) Evaluation of the crossbred ERVI as compared to parental varieties Barbera and Croatina.
- 4) Adaptability of new downy and powdery mildew resistant genotypes to “Colli Piacentini” environmental conditions.
- 5) Adaptability of new drought tolerant rootstocks to soil and climate conditions of “Colli Piacentini” area.
- 6) Monitoring of grape ripening in mountain and sub-mountain areas.
- 7) Promotion of knowledge of local wine tradition between students and immigrants.

Results dissemination.

Training.



PRACTICE ABSTRACT

This project aims at boosting sustainable competitiveness of the Colli Piacentini viticulture area by providing solutions to the following pressing issues: i) adaptation to global warming through introduction and valorization of local biotypes able to retain high total acidity under high heat loads and to adapt to the cooler niches of sub-mountain spots; ii) evaluation and adoption of new rootstocks tolerant to drought; iii) finding a realistic solution to the alternate bearing pattern of the native cv Croatina by promoting the use of the cross-bred cv. Ervi; iv) achieving a significant reduction in the use of pesticides by evaluating adaptability of new downy and powdery mildew resistant genotypes and v) strengthen the adoption of ICT technologies in vine protection by testing the use on either resistant and susceptible genotypes (namely cvs. Barbera and Croatina) of the decision support system vite.net as a tool to schedule timing, number and type of sprays according to infections forecast given by outstanding epidemiological models.

The impact of the above actions can be summarized as it follows i) the grapevine commodity will be made available of a series of tools mostly deriving from the introduction or valorization of new genotypes which, from one hand, will allow facing challenges imposed by the climate change and, on the other, will increase growers' income through a better use of available resources without adding expensive and polluting external inputs; ii) promote full mechanization in vineyards , a process nowadays hindered by the unsuitability of cv. Croatina to short spur pruning; ii) implement new strategies for plant protection trying to compromise the needs for vine health and secured crop, reduction in pesticides and environmental impact and iv) promote the culture of "working in a vineyard" targeting two main working profiles: young generations and immigrants from overseas countries.

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**All seminar presentations and
documents are available on
www.eip-agri.eu**

