

EUBERRY: A NEW PROJECT ON SUSTAINABLE IMPROVEMENT OF EUROPEAN BERRY PRODUCTION



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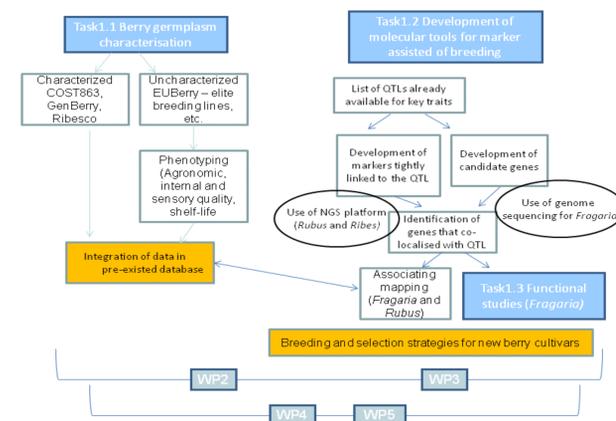
EUBerry Partners at the project kickoff meeting, Bruxelles, 26-28 September 2011



THE RESEARCH ACTIVITIES ARE ORGANIZED IN 6 WORKPACKAGES: 4 RTD, 1 DISSEMINATION AND 1 MANAGEMENT

WP 1: Improving berry varieties through the identification and utilisation of the best genetic resources - Tasks (graph) and Main results /Deliverables

- Databases of characterized germplasm
- Genome mapping by QTLs for fruit quality traits
- Marker-assisted breeding strategies
- Validated genes controlling strawberry nutritional quality and flowering

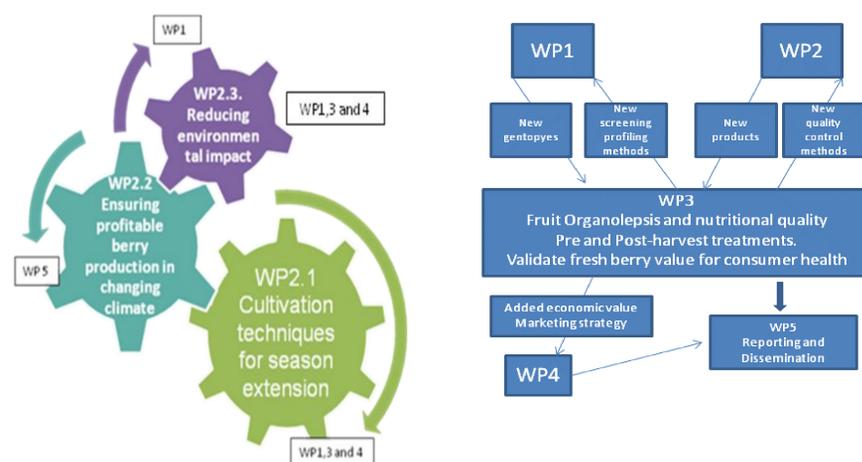


WP2: Improved cultivation techniques (graph) and Main results /Deliverables

- Methods to modify plant architecture
- Method of berry season extension trans
- Methods to avoid North frost and South hot summer temperatures
- Methods for minimized pesticide use and improved resource use efficiency

WP3: Fruit quality and nutritional quality characterization and determination - Tasks (graph) and Main results /Deliverables

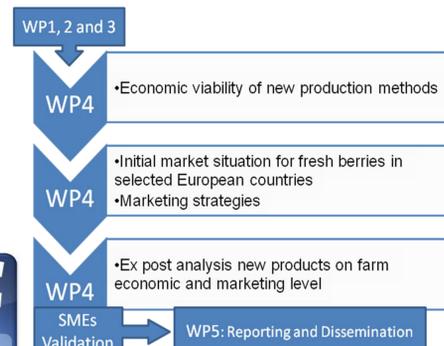
- Identification of strategies to maximise fresh fruit quality via novel approaches
- Evidence for the human health benefits of fresh fruit in validated model systems



WP4: Improve competitiveness and marketing strategies - Tasks (graph) and Main results /Deliverables

- **WP4: Improve competitiveness and marketing strategies (Figure 6)**
- Evidence of economic basis of new berry production system
- Reporting fresh berry market situation
- Promotion material based on marketing strategies

- **WP5: Developing dissemination tools - Tasks (graph) and Main results /Deliverables**
- Project webpage, Leaflets, Newsletter, Podcast and videos, Scientific papers
- to PhDs.
- Field demonstrations
- Public Conferences, symposia

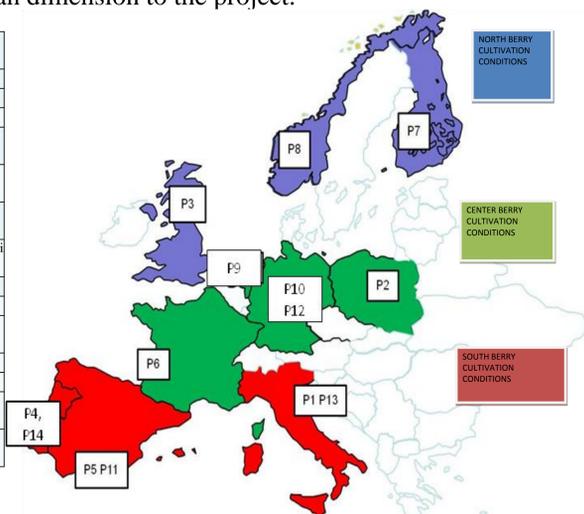


The main objective of the EUBerry project is to provide the necessary knowledge and tools to facilitate development of high quality, consumer-desirable fresh berry fruits of high nutritional quality optimal for human health at a competitive cost. The EUBerry platform will be developed and validated by using strawberry, raspberry and blueberry as model crop species. Specific critical points related to improvement of berry fruit quality and reduction of production costs will also be considered for currants and blackberries.

The EUBerry consortium is composed of 14 partners, 11 Universities/Research Centers and 3 SMEs, from 10 Countries (Figure 1). The partners (grouped in teams) will be involved in the different aspects of basic and applied research, and all teams will be involved in dissemination activities as well as in data and project management.

The motivation of the involvement of such number of partners is related to the fact that berry cultivation is now increasing in different EU areas and in these different conditions the success of their production (in season and out of season) and quality is closely linked to the use of varieties and cultivation systems fully adapted to the prevailing climatic conditions. For this reason, following a South - to - North and West - to - East approach, we identified Partners located in the main important cultivation areas of these 3 different EU climatic conditions with proven competence and expertise in the main research fields required for this type of study. In our opinion this partner distribution also gives an important pan-European dimension to the project.

Partner	Short Name	Team leader
P1	UPM	Prof. Bruno Mezzetti
P2	IO	Dr. Edward Zurawicz
P3	JHI	Dr. Derek Stewart
P4	IBET	Dr. Claudia Nunes dos Santos
P5	IFAPA	Dr. José F. Sanchez Sevilla
P6	INRA	Dr. Beatrice Denoyes-Rothan
P7	MTT	Lic. SC. Agr&For Paivi Parikka
P8	Bioforsk	Dr. Rolf Nestby
P9	DLO	Ir. Gijs van Kruistum
P10	GRC	Dr. Erika Kruger-Stenden
P11	FdP	Alfredo Arcos
P12	JKI	Dr. Detlef Ulrich
P13	SO	Dott. Gianluca Savini PhD
P14	INRB	Dr. Pedro Bras de Oliveira



Stakeholders	
BERRYPORT	(PT)
MEIOSIS LTD	(UK)
CIREF	(FR)
REDEVA	(UK)
NEWFRUIT	(IT)
SADPOL	(PL)
BARILLA GR	(IT)
HARGREAVES PLANTS	(UK)

Partners list and geographical distribution in the 3 main EU climatic areas.

The EUBerry consortium will act to promote exchange of ideas and a maximum of interaction between the theme experts.

The extended network of scientific collaborations developed by each partner will be put at the disposal of the consortium and project planning and development, thus providing a vibrant environment to discuss and validate the project outcomes and innovations.

This is guaranteed by the consolidated connections of each partner with the more important stakeholders (Nurseries, Growers Associations, Market and Processing industries) operating in the different EU countries.

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