

Área Científica **Sistemas Agrários: Produção e Sustentabilidade**

<b>Código</b>	GA nº 265942 - EUBERRY	<b>Início</b>	2011.05.01	<b>Termo</b>	2014-11-1
<b>Título</b>	EUBERRY - The sustainable improvement of European berry production, quality and nutritional value in a changing environment: Strawberries, Currants, Blackberries, Blueberries and Raspberries				
<b>Programa</b>	FP7 - 7º programa Quadro de I&DT	<b>Medida</b>	Small or medium-scale focused research project		
<b>Instituição Líder</b>	Marche Polytechnic University, Dep. of Agricultural, Food and Environmental Science				
<b>Investigador Responsável INIAV</b>	Pedro Nogueira Brás de Oliveira				

**Orçamento Total** 3 000 000,00€

**Orçamento INIAV** 138 218,56€

**Parceria**

DLO	Stichting DLO	Holanda
MTT	MTT Agrifood Research Finland	Finlândia
IFAPA	Junta de Andalucía Área de Mejora y Biotecnología	Espanha
JHI	The James Hutton Institute	Internacional
InHort	Instytut Ogronictwa	Polónia
UPM	Universidad Politécnica de Madrid	Espanha
GRC	Geisenheim Research Center Department of Pomology, Alemanha	Alemanha
FdP	Freson de Palos	Espanha
SO	Sant'Orsola	Itália
INIAV	Instituto Nacional de Investigação Agrária e Veterinária, I.P.	Nacional

**Equipa**

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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 further objective is the development and validation of a set of tools to improve competitiveness of European berry production and consumer accessibility to berry fruits. The EUBerry platform will be developed and validated by using strawberry and raspberry and blueberry as model crop species. Additionally, specific critical points related to improvement of berry fruit quality and reduction of production costs will be considered also for currants and blackberries.

This project will apply the most recent technical advances in: a) Identifying germplasm of the main berry fruit Genera appropriate for sustainable production throughout the EU, with respect to fruit quality and environmental adaptation and expanding use of modern breeding strategies to accelerate the release of new berry fruit cultivars into the future; b) Ensuring and expanding high-quality production systems to improve availability of high-quality fresh berries for consumers by focusing on the modern cultivation techniques for berry season extension, on adaptation to different cultivation conditions and systems, as well as to climate change, and on reducing the impact on environment in different European regions; c) Developing and applying validated methods to control and maintain fruit nutritional quality, improving shelf-life of fresh berries and increasing their availability to consumers; d) Developing economic studies to verify the impacts of the new technologies in increasing berry economic viability, farmer and consumer attractiveness; e) Disseminate and communicate the results to research scientists, academia, technical services, growers, market organizations, consumers, food industries, health authorities and regulatory and legislative authorities. The reliability of the results will be secured by the capacity of the consortium identified for this proposal including a unique integration of the major EU institutions in the north, central and south of Europe operating in berry research and providing complementary resources and knowledge in the main areas of berry production and research, and some key SMEs with high impact on berry production and markets in EU.