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Operational Group: «Economic and environmental metabolic model as a tool for future sustainable dairy farms for Parmigiano Reggiano cheese»

Start and finish date: July 2016 – June 2018

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Location: Emilia-Romagna, Italy



EuroDairy Topics:



Animal Care



Resource Efficiency



Socio-economic  
Resilience



Objective:

- apply the metabolic model and analysis to a farm of Parmigiano Reggiano district conceived as a living being
- assess the economic and environmental performance (carbon footprint, water foot print and energy consumption) and identify the production phases with the highest cost and environmental impact
- identify cost-effective practices to mitigate the environmental impact in terms of GHG emissions, energy consumption and water use

Website: <http://modellometabolico.crupa.it>

Coordinator name and contact: Carlo Bisaglia – [carlo.bisaglia@crea.gov.it](mailto:carlo.bisaglia@crea.gov.it)

Partners: Research Centre on Animal Production - CRPA spa, CRA - Unità di ricerca per l'ingegneria agraria - CREA-ING, Società Agricola Bastardi F.lli Enzo e Villiam, Società Cooperativa Agricola Stalla Sociale Piazzola di Bibbiano, Azienda Agricola Simonazzi Aurelio, Ernesto e Landini Mirte S.S

Number of farms: 3



Funding Organisms (names and logo): EU and Emilia-Romagna Region



UNIONE EUROPEA  
Fondo Europeo Agricolo  
per lo Sviluppo Rurale



Regione Emilia-Romagna

L'Europa investe nelle zone rurali