

"FOOD CROSSING DISTRICT"
Industrial Symbiosis:
Two new foods from by-products and a map of circular economies in the Emilia
Romagna region



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Enterprises involved:

Barilla

Consorzio Casalasco del Pomodoro















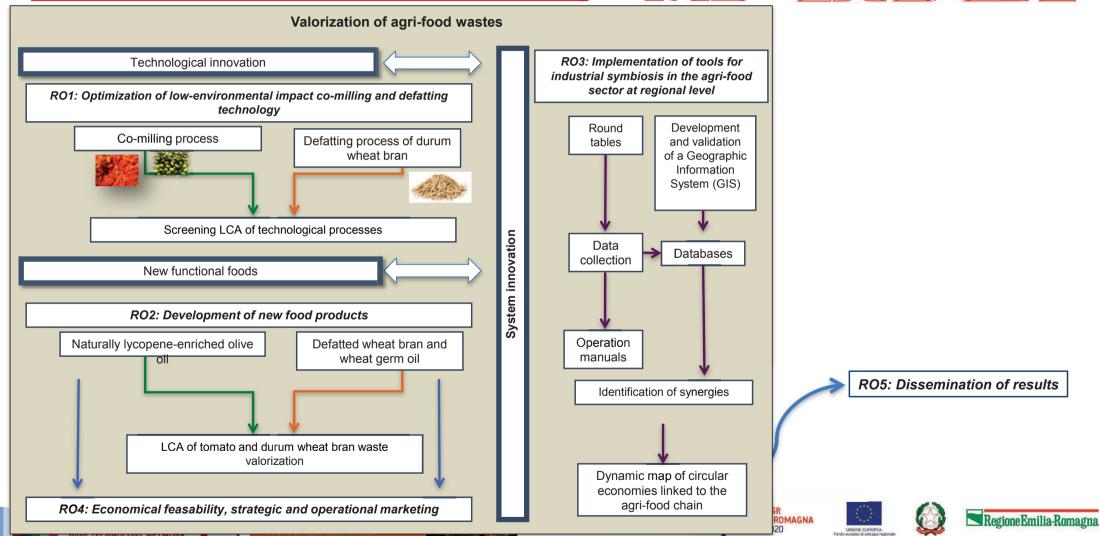






OBJECTIVES





Industrial applications



Integrated and sustainable agri-food supply chain

LCA
ife Cycle Assessment

Industrial symbiosis → processed by-products through innovative technologies

Evaluation of the environmental sustainability of the by-products' valorization processes used in the two supply chains

Implementation of a geo-referenced and userfriendly software tool

Dynamic Map of circular economies

Oil and tomato supply chain

Description of co-milled oil:

- Consumer acceptance

Functional food?

- Naming/labeling

ENGINEETE A BASE EI E GOOD POUNA. E POUNCHE

Production at pre-industrial level

Development of new products:

Wheat bran oil
Defatted wheat bran



Durum wheat bran supply chain

Technology standardization for

wheat bran defatting



Marketing and promotion of developed products















