

This is a project of industrial innovation which is developed in various stages until 2018 and aims to convert 10 tons of citrus wastes into natural additives for future use in the food industry.



PARTNERS

CTC
Centro
Tecnológico
Nacional de la
Conserva y
Alimentación

+agrofood
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AMC innova

FEDERALIMENTARE
Servizi s.r.l.

LifeCitrus

RECYCLING OF CITRUS
INDUSTRY SCRAP INTO
NATURAL ADDITIVES FOR
FOOD INDUSTRIES

LIFE14 ENV/ES/000326 - 2015-2018

Budget
886.397 €

EU Contribution
531.836 €

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The project aims to demonstrate on a semi-industrial scale an innovative industrial process for obtaining natural food ingredients from discarded parts of citrus fruits. It will install a mechanical processing line at a site in Murcia. This will convert 10 tonnes of citrus residue into a natural gelling ingredient for use in the food industry.



The project will hold workshops about the gelling ingredient for potential food industry customers. To transfer project know-how to industry operators, in order to enable European citrus operators to apply the proposed process and technology at industrial scale. To promote the use of healthy "clean label" ingredients in agro-food industry.



2015 - 2016



2015 - 2016

01

Design and implementation of the process of obtaining natural ingredients from the byproducts of citrus industry in CTC pilot plant

04

Creation and update of a new website, to support the project communication and dissemination actions

2016 - 2017

Performing a test programme and conducting a detailed study about innovative process effectiveness, to characterize process parameters

02

Demonstration and disclosure regional programme and national/European programme, focused on targeted sectors. Demonstration sessions in the pilot plant

05

2016 - 2018

2016 - 2017

03

Feasibility study. Detailed cost-benefit analysis of the proposed process, with previous market study

06

2017 - 2018

Teaching training courses in CTC, focused on both technicians and operators

