

Flagship demonstration of an *integrated biorefinery for dry crops sustainable exploitation towards biobased materials production*

FIRST 2 RUN

The total effort in the project is relevant, being **1.985 MMS** with a total eligible **COST OF 29.622.498.712** and **AROUND 37.485.6** of estimated Additional Activities (Granted: 16.995.882.00 €)

{ Facts & Numbers }

Horizon 2020 / BBI-JU; Call: H2020-BBI-PPP-2014-1

Topic: BBI.VC3.F1/ Type of action: BBI-IA-FLAG

Action type: Innovation action

6 partners from 4 different countries

Starting date: 01/07/2015

Duration: 48 months

Number of Work Packages: 8

Number of expected deliverables: 44

Number of Milestones: 6

{ Project }

The **FIRST RUN** project aims at demonstrating the techno, economical and environmental sustainability at industrial scale of a first-of-kind value chain where **low input and underutilized oil crops (i.e. cardoon)**

grown in arid and/or marginal lands and not in competition with food or feed, are exploited for the **extraction of vegetable oils to be further converted into bio-monomers** (mainly pelargonic and azelaic acids) as building blocks for high added value bioproducts, biolubricants, cosmetics, bioplastics, additives through the integration of chemical and biotechnological processes.

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