



TRANSBIO

BioTRANSformation of by-products from fruit and vegetable processing industry into valuable BIOproducts



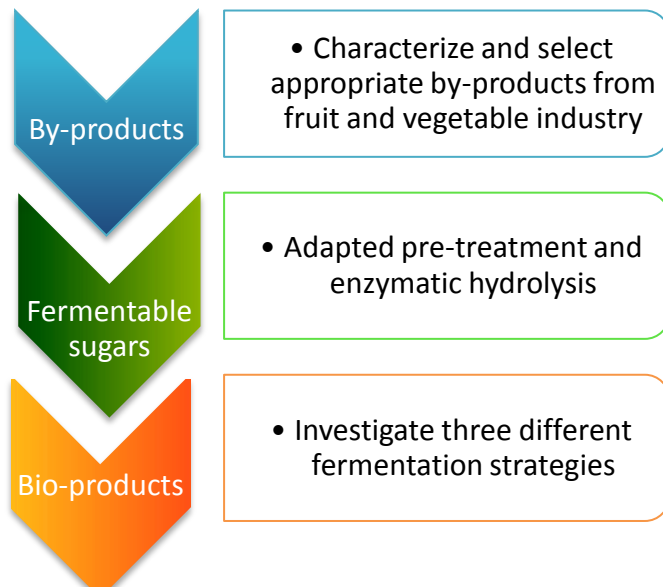
The **TRANSBIO** project comes as a response to European Commission's approach of promoting clean technologies and products which can be re-used.

TRANSBIO aims in the use of **by-products from fruit and vegetable** transforming industry, in order to reduce the environmental impact of food waste, reducing landfill and lessening noxious residues and odors.

On the other side the project will enhance the sustainable management of biomass from fruit and vegetable processing industry as it can be used as feedstock for **bio-based products** like PHB, succinic acid and enzymes for detergent industry.

TRANSBIO aims at:

- Implementing an innovative concept for the valorization of sub-products from fruit and vegetable processing industry
- use of environmental friendly biotechnological solutions like fermentation and enzyme-conversion strategies
- obtain valuable bioproducts like plastics (PHB), nutraceutical/platform chemical succinic acid and enzymes for detergent applications.



TRANSBIO at a glance:

Running from 2011 to 2015

16 Work Packages

16 Partners from 9 countries

EC funding ~3 mil. euro

In order to achieve the set targets, the project has been designed as a cascade of technical work packages (WP1-WP12) with continuous progress assessment between the individual scientific and methodological approaches.

In parallel, the partners will evaluate economic and environmental performance (WP14) of the processes developed. The most promising solutions will be implemented in pilot plant scale (WP13) and project results will be disseminated in WP15. The project will be carried out under the overall governance of a work package dedicated to management and the evaluation of the project progress and results (WP 16).

The Consortium:



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