



EXCornsEED: Separation, fractionation and isolation of biologically active natural substances from corn oil and other side streams

Start date of project:

1st June 2018

Duration:

57 months

Valorization of biorefineries side-streams with a circular bioeconomy approach: the EXCornsEED project as a success case

FINAL EVENT AGENDA



This project has received funding from the Bio Based Industries Joint Undertaking under the European Union's Horizon 2020 research and innovation programme under grant agreement n°792054.

13:45 – 14:00 Attendees registration

14:00 – 14:10 Opening and introduction

- Welcome, Prof. Giancarlo Fabrizi, Sapienza Università di Roma

14:10-14:30 Ana Ruiz Sierra, Programme Officer, CBE JU

14:30-14:50 Session “Biorefineries and their side streams: the EXCornsEED case-study”

- 14:30-14:40 EXCornsEED project overview, Prof. Giancarlo Fabrizi, Sapienza Università di Roma
- 14:40-15:00 Valorization potentials of biorefinery side streams in the EXCornsEED Project, Gabriella Di Lena, CREA Research Centre for Food and Nutrition

15:00-16:00 Session “Technologies and processes for an integrated biorefinery development”

1. 15:00-15:15 Small-scale methods for the valorization of post-fermentation corn oil and rapeseed meal, Antonia Iazzetti, Sapienza Università di Roma
2. 15:15-15:30 Nanoformulation of the compounds recovered from rapeseed meal - Florin Oancea, ICECHIM
3. 15:30-15:45 Methodological development of the valorisation of biofuel sidestreams in a biorefinery process: From lab to intermediate semi-pilot-scale – Camille Malterre (Project leader) & Mahmoud Hamzaoui (Extraction department manager), CELABOR
4. 15:45-16:00 From biorefinery to the table: rapeseed meal protein process scale-up at the pilot plant, Petra Ondrejčíková, ENVIRAL a.s.

16:00-16:15 Coffee break

16:15-17:15 Session “Development of new bio-based and value-added products”

- 16:15-16:35 Going circular: the cradle-to-cradle philosophy applied to the cosmetic industry, Gaetano Galeppi, Head of Manufacturing Dept., Dr Laurantine srl
- 16:35-16:50 Rapeseed proteins validation in food for elderly, Ann-Kristin Schwarze, Biozoon GmbH
- 16:50-17:15 Canola liquid Young Child Formula assessment, Roland GOUZY, Plant Protein Scientist, Danone Nutricia Research

17:15 – 17:45 Sustainability assessment, Maria Nieto Fajardo (Consultant, CTA) and Fernando Cirez (Seniro researcher, TECNALIA)

17:45 – 18:05 Invited project: BIOBESTicide “BIO-Based pESTicides production for sustainable agriculture”, Anna Franciosini, PNO

18:05 – 18:15 Wrap-up and farewell – Prof. Giancarlo Fabrizi, Sapienza Università di Roma

Event Moderator: Carmela Occhipinti, Sapienza Università di Roma