

Project Facts



48
MONTHS



€20
MILLION
EU FUNDING



10
PARTNERS



6
COUNTRIES



pace-project.eu

@eupace
 @pace_euproject
 @Pace_eu_project
 @pace-euproject
 @Pace_Eu



PARTNERS



innovad.group



LEITAT
managing technologies



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Potato juice to fatty
acids for new bio-
based value-chains
in Europe



Project number:101292918
Topic: HORIZON-JU-CBE-2025-IAFlag-04
Project duration: 48 months, May 2026 – April 2030

GENERAL OBJECTIVE

PACE aims to demonstrate a full-scale first-of-its-kind retrofitted biorefinery that converts potato juice into high-value medium-chain fatty acids (MCFAs), creating sustainable and circular bio-based value chains in Europe.

SPECIFIC OBJECTIVES



Building the PACE full-scale biorefinery by retrofitting and upgrading Avebe's existing facility



Maximizing PACE cascading valorisation of residual streams, and sustainability



Demonstrating the successful industrial full-scale production of bio-based SSbD MCFAs



Developing bio-based, market-relevant SSbD products



Presenting the PACE biorefinery concept and outcomes to key stakeholders and general public, highlighting opportunities in the circular bio-based value chains



Replicating the PACE concept by leveraging the exploitation and commercialization of the project's results

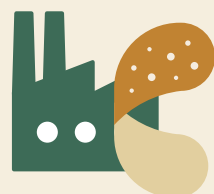
THE PACE SOLUTION



Potato Juice



ChainCraft Fermentation Technology



Potato Processing

Industrialising Circular Chemistry



Bio-based Products



Purified MCFAs

APPLICATIONS



Flavours & Fragrances



Surfactants



Home Care Products



Animal Health Supplements

EXPECTED IMPACT



20

kt/year

BIO-BASED MCFAS PRODUCED



300

kt/year

POTATO JUICE VALORISED



UP TO
86%
CO₂ EMISSIONS
REDUCTION



40M+
PROJECTED
TURNOVER



63

NEW JOBS
CREATED



67

EMPLOYEES
RE-SKILLED



Scalable and replicable technology for deployment across Europe