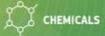


European Commission



## **INNOVATION FUND**

Deployment of net-zero and innovative technologies

ECOPLANTA: Reduction of CO2 emissions in methanol production from municipal non-recyclable waste

The Innovation Fund is 100% funded by the EU Emissions Trading System

## | Project Factsheet

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The ECOPLANTA project will revolutionise municipal solid waste (MSW) management by using nonrecyclable materials rejected by sorting centers to produce circular chemicals and advanced biofuels. The project will deliver a first-of-a-kind commercial plant for the European market, using waste that would otherwise end up in landfill. Located in a petrochemical complex in El Morell, near the port of Tarragona in Spain, the production site will produce 237 kt/y of methanol, and thereby recover 70% of the carbon present in the non-recyclable materials. The methanol produced will displace fossil-based chemicals and fuels. Based on the IF methodology, the project will achieve 3.4 Mt CO2eq of GHG emissions reductions over the first ten years of operation.

COORDINATOR ECOPLANTA MOLECULAR RECYCLING SOLUTIONS SL

**LOCATION** Spain

**CATEGORY** Energy Intensive Industries (EEI)

## SECTOR

Chemicals

AMOUNT OF INNOVATION FUND GRANT EUR 106,379,783

**EXPECTED GHG EMISSIONS AVOIDANCE** 3,444,269 tonnes CO2 equivalent

**STARTING DATE** 01 November, 2021

ENTRY INTO OPERATION DATE 01 July, 2026

**FINANCIAL CLOSE DATE** 31 December, 2023

## | Beneficiaries

ECOPLANTA MOLECULAR RECYCLING SOLUTIONS SL

Spain

