



European
Commission



INNOVATION FUND

Deployment of net-zero and innovative technologies

PULSE: Pretreatment and Upgrading of Liquefied waste plastic to Scale up circular Economy

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

| Project Factsheet

Project PULSE (Pretreatment and Upgrading of Liquefied waste plastic to Scale up circular Economy) implements Neste's proprietary technologies for chemical recycling of waste plastic and gradually integrates them into the company's refinery operations in Porvoo, Finland. PULSE will reach a processing capacity of 400,000 tonnes of liquefied waste plastic per year. It will contribute to EU climate neutrality objectives by a total of 10.3 Mt greenhouse gas emission avoidance during its first 10 years of operation.

COORDINATOR

NESTE OYJ

LOCATION

Finland

CATEGORY

Energy Intensive Industries (EEI)

SECTOR

Chemicals

AMOUNT OF INNOVATION FUND GRANT

EUR 135,000,000

EXPECTED GHG EMISSIONS AVOIDANCE

10,337,331 tonnes CO2 equivalent

STARTING DATE

01 April, 2022

ENTRY INTO OPERATION DATE

01 January, 2028

FINANCIAL CLOSE DATE

30 June, 2025

| Beneficiaries

NESTE OYJ

Finland