

RECIPLAST

AppRoccio all'Economia Circolare nei settori packaging e auto per il riciclo di prodotti in PLASTica da scarto industriale e fine vita

RECIPLAST project aims to improve the environmental sustainability of automotive and packaging plastic components, through the development of separation, recycling and valorization solutions of those post-consume fractions and industrial waste that still represent a critical issue in their capacity to be recycled and reuse.

Starting from the existing technologies, some of which are part of partners' background, new **technical solutions will be developed**. These innovative pathways will enable to **sort fractions which are to date non-separable** using thermo-mechanical and chemical processes, and **to improve separation quality and reducing significantly the non-reusable fractions**.

After the development of these innovative separation processes, **new formulations and materials starting from the recycled plastic** will be developed with the aim of replacing virgin polymers in those applications where the recycled material cannot be used so far, due to their poor performance.

RECIPLAST is a project funded under the Technological Platform "Bioeconomy" by the Piedmont Region with the European Regional Development Fund (ERDF) 2014/2020.



FUNDED PROJECTS PROJECT SHEET



Politecnico
di Torino
Department of Environment,
Land and Infrastructure
Engineering

PROJECT DURATION

36 months
(from 14/06/2019 to 13/06/2022)

WEBSITE AND SOCIAL MEDIA

www.reciplast.it



PARTNERS

- GARBO SRL (Capofila)
- PROPLAST
- FCA - Fiat Chrysler Automobiles
- DERICHEBOURG Environnement
- MISTA
- ERICA - Educazione Ricerca Informazione Comunicazione Ambientale
- NOVASIS INNOVAZIONE srl
- MARIS Technological Company
- B-PACK
- C.M.P. Bresso Srl
- PG PLAST SRL
- Trafilplast srl
- Mod.En Srl - Modular Engineering
- Università degli Studi del Piemonte Orientale – DiSIT
- Università degli Studi di Torino – Chimica e Centro Interdipartimentale ICxT
- Politecnico di Torino (DISAT e DIATI)
- API Torino
- Corepla
- Regione Piemonte
- Ferrero

FUNDING INSTRUMENT

Fondo Europeo di Sviluppo Regionale (FESR)
2014-2020

BUDGET

Total funding: **8.088.235 €**

POLITO and DIATI's role:

For Politecnico di Torino, the project involves DISAT and DIATI departments.
Scientific manager for DIATI:
Prof. **Mariachiara Zanetti**