

INNOVATIVE BIO-BASED BIODEGRADABLE RECYCLABLE SAFE AND CIRCULAR FOOD PACKAGING.

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GRECO is an EU-funded project developing **new food packaging** solutions based on **bio-based**, **biodegradable** and **recyclable** materials.

The project focuses on **PLA-based packaging** designed to meet strict food safety **standards** while being easier to **recycle** or **compost**. GRECO addresses both **rigid** and **flexible** packaging formats for everyday food products.



GRECO



Objectives

- Replace fossil-based, multi-layer plastics
- Improve packaging functionality
- Ensure circularity
- Prove sustainability and market readiness
- Reduce food packaging waste

What we will produce:



Semi-rigid **trays** for meat, cheese and berries



Plastic **film** lids for sealing trays



Flexible **pouches** like Doypacks

Outcomes & Impacts



Up to 70 % reduction in **CO₂ emissions** compared to conventional **trays**



Compatibility with existing **composting** and **recycling systems**



Increased **shelf life** through functional additives



New **market** opportunities for **biorefineries** and **packaging** producers



Concrete input to future **EU standards** and **policy**



GRECO Project



Contact



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 **AIMPLAS**
PLASTICS TECHNOLOGY
CENTRE

 **VTT**

 **WARWICK**
THE UNIVERSITY OF WARWICK

 **UNIVERSIDAD
DE ALMERÍA**

 **IPC**

 **condensia**
Passion for chemistry

 **PINAR**
Pinar Enterprise Et le le Sareya A.Ş.

 **UNE**
Normalización
Española

 **INNOTECH**
COEXPAN Oemsur
Rigid and Flexible Packaging

 **WORLÉE**
seit 1851

 **Nanotypos**
ADVANCED NANOMANUFACTURING

 **COMEXI**

 **we are
bio**
ORGANIC FOOD

 **PINAR**
PINAR SÜT

 **bio-mi**
SUSTAINABLE SOLUTIONS

 **enco**
engineering & consulting

europeanbioplastics

 **TotalEnergies**
Corbion

 **University of Maribor**

 **ARCHA**
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