

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



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.



Objectives

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

48

Months

21

Partners

12

Countries

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**

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GRECO Project



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