



#### Project coordinator

Ms. Mari Carmen Cobos (AIMPLAS)  
dgpro@aimplas.es



info@biontop.eu  
www.biontop.eu



Novel packaging films and textiles with tailored  
end of life and performance based on bio-based  
copolymers and coatings



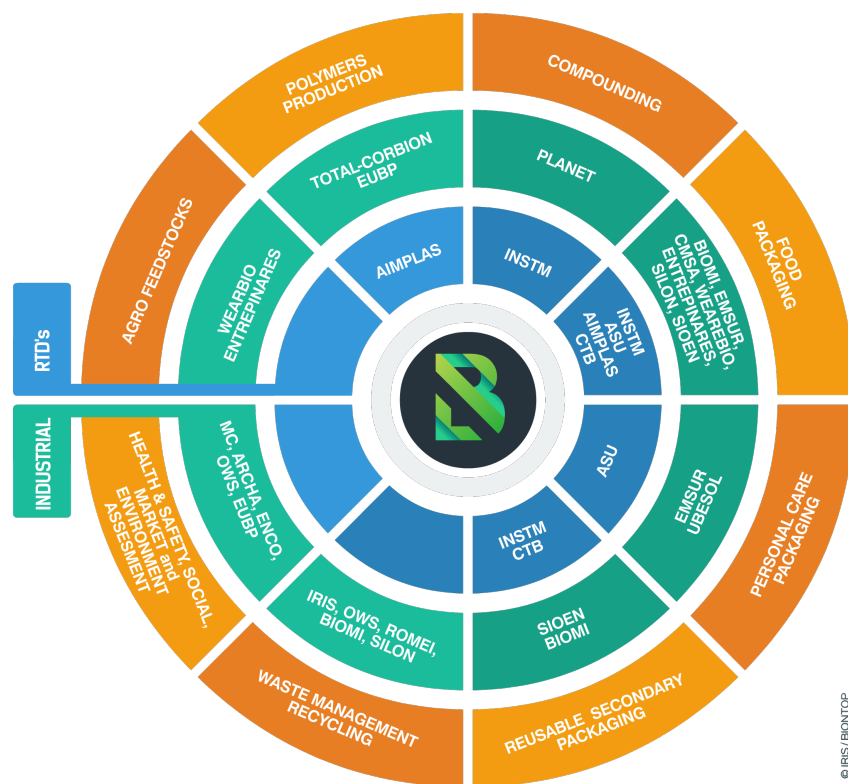
## Key figures

Call topic: BBI.2018.SO3.R10

**Develop bio-based packaging products** that are biodegradable/ compostable and/or recyclable

**4 years** (1/06/2019 – 31/05/2023)

**Budget € 5,4M** (BBI-JU contribution 4,2M€)



"Biontop consortium complementary expertise"

**21 partners** (4 Research and Technology Organisations, 9 SMEs, 6 Large Industries, a consumers' association and a pan EU industry association)

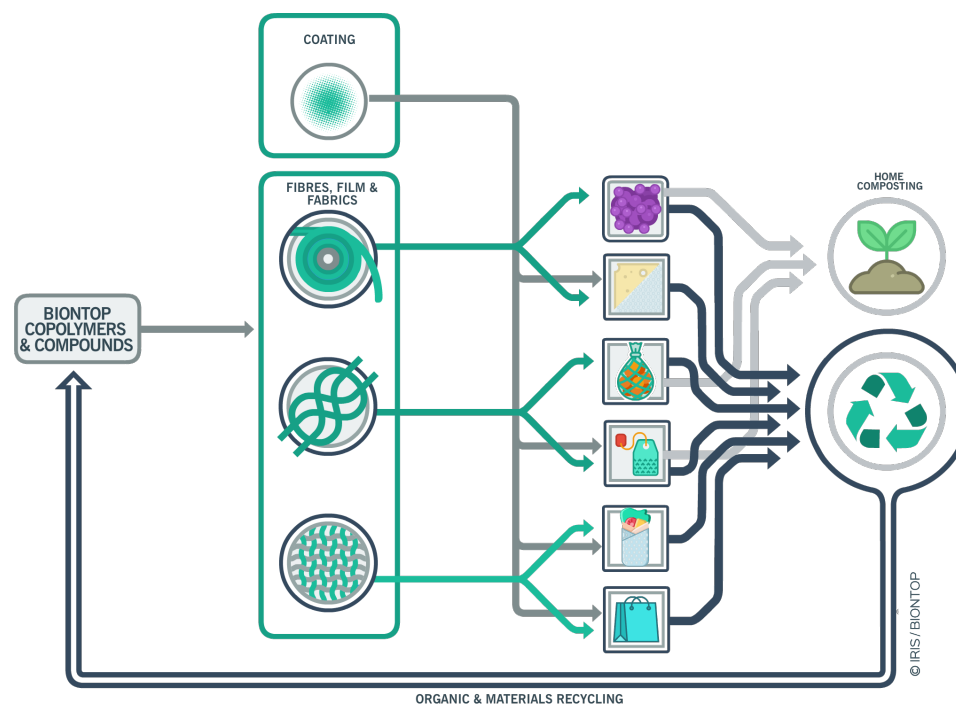
**7 Biobased Industries Consortium members**

**8 countries**

## Objectives

In view of the insufficient packaging recycling rate and deficient biodegradable packaging properties for demanding applications, Biontop will develop new bio-copolymers, compounds, biocomposites & coatings formulation and process them into:

- **Recyclable, home-compostable monomaterial trays & films** for F&V (fruit and vegetables).
- **Recyclable, multilayer trays & films compatible with MAP** (modified atmosphere packaging), e.g. **dairy and personal care products**.
- **Home compostable & organically recyclable nets** for F&V.
- **Home compostable & organically recyclable coated textiles**.
- **Recyclable, reusable coated woven fabrics**, e.g. **food wraps**.
- **Recyclable, reusable secondary packaging** from SRM (secondary raw material): **extruded blown bags and non-woven bags**.



"Routes of bio-based sustainable packaging material"