

BIOPLASTICS

BEYOND STANDARDS

Sustainable materials | Circularity | Expertise

Who we are

PANARA a.s. is a technology-driven company specializing in the development, testing, and large-scale production of innovative bioplastic materials with reduced environmental impact.

We connect research, pilot testing and industrial production.

PRODUCTION

Industrial-scale bioplastics with real environmental value

We produce advanced bioplastic materials:

- Derived from renewable raw materials
- Designed for industrial & home composting and recycling
- Free from persistent microplastics
- Compatible with multiple processing technologies
- Tailored to meet specific project requirements
- With a significantly lower carbon footprint than fossil-based plastics

DEVELOPMENT

From Concept to Application

We provide pilot-scale material validation:

- Blend preparation
- Profile extrusion
- Blown film extrusion
- Cast film production
- Extrusion blow molding
- Injection molding

We help partners transform innovative ideas into functional materials

RESEARCH

Scientific excellence behind every material

Long-standing experience in plastics research:

- Deep expertise in polymers from renewable resources
- Advanced knowledge of end-of-life (EoL) solutions
- Young researchers (under 35) support
- Gender-balanced scientific team
- State-of-the-art laboratories for polymer characterization

CONTACT

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