Adam Mickiewicz University Foundation Poznan Science and Technology Park (PPNT)

Institutional Profile & Mission

- Established in 1995 as the first Science and Technology Park in Poland
- Research and development in organic synthesis, advanced materials and agrochemistry
- Scale-up activities (up to 100 kg/batch)
- Dedicated business incubation, startup acceleration, seed capital support, and IP management for technology ventures
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Poznań, Poland — Advanced Laboratories & Pilot Plant Facilities

EU-Funded Projects Track Record

Funding Scheme	Consortium Role
2 EIC Pathfinder Open Bio-composite/agrochemistry	Coordinator
HORIZON-CL6-2026-01-CIRCBIO-02 Comprehensive textile recycling solutions	Consortium member
CBE JU 2026 (RIA 02) Textile production from brewer's waste	Consortium member
CBE JU 2026 (RIA 03) New bio-based plastic production	Consortium member

PPNT's expertise in R&D

- **Polymer Modification**: Enhancing mechanical properties (mainly flexibility), thermal stability, flame retardancy, antibacterial activity, and moisture resistance
- **Functional Additives**: Developing specialized curing agents, crosslinkers and adhesion promoters
- **Carbon-Footprint-Reducing Components**: Bio-polyols for polyurethane foams, bio-monomers for epoxy systems
- **Surface Functionalization of Materials**: Textiles (synthetic and natural) and construction materials (glass, wood, stone, PV panels)
- **Bio-/Eco-composites**: Development of advanced vitrimers (covalent adaptive networks) and composites reinforced with natural fibers
- **Biomass Processing:** IL-based cellulose and lignin dissolution systems
- **Ionic Liquids for High-Tech Industry**: Applied in photonics, optoelectronics, electrolytes, and electrochemical devices
- **Agrochemistry**: Synthesis of active biostimulants and systemic acquired resistance (SAR) inducers for sustainable agriculture

What we are looking for?

We are looking for consortium to join as research institution.

Main Interest — Horizon Europe 2027 Calls

IA HORIOZN-CL4-2027-01-MAT-PROD-02

Advanced manufacturing for key products.

RIA HORIOZN-CL4-2027-01-MAT-PROD-06

Circular innovative advanced materials: facilitating the transition from design to markets.

IA HORIOZN-CL4-2027-01-MAT-PROD-08

Textile circularity through advanced processing & manufacturing technologies and system approaches.

RIA HORIOZN-CL4-2027-01-MAT-PROD-61/62

Fast Track to Research and Innovation for breakthroughs in industrial technologies/Chemical Industry Action Plan

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