



### Project Announcemnet

#### PIOChitIns - Innovative Process for Obtaining Chitosan and By-products from Insects (PIOChitIns - Procedeu inovativ de obținere de chitosan și subproduse din insecte )

**"Petru Poni" Institute of Macromolecular Chemistry**, in partnership with **Chemical Company SA, Vanelli SRL, West University "Vasile Goldiș" of Arad** and **Tera&Mtas Consulting SRL** is implementing a RDI project for thematic consortia between public-private partners: **"PIOChitIns - Innovative Process for Obtaining Chitosan and By-products from Insects"**, cod SMIS: 333058. The project is co-funded by the European Union through the Intelligent Growth, Digitalization and Financial Instruments Programme 2021-2027 (PoCIDIF), Call Code PCIDIF/159/PCIDIF\_P1/OP1/RSO1.1/PCIDIF\_A1, funded through Contract No. 390112/24.03.2026 signed with the National Authority for Research, through the General Directorate - Intermediate Body for Research for PoCIDIF.

**The scope** of the project is (i) the introduction of chitosan on the Romanian market, an ecological raw material with applications in fields of national and international interest; (ii) the development of high value commercial products based on chitosan, intended for companies in Romania and Europe; and (iii) the creation of a European collaboration network in this field.

To this aim, **the general objective** of the project is the development and transfer to industry, during the period 2025-2028, of three innovative technologies: 1) a technology for obtaining chitosan from puparium biomass and Black Soldier Fly insects; 2) a technology for producing biomass from puparium and Black Soldier Fly insects; and 3) a technology for producing complementary feed formulations for veterinary use.

**The expected results** at the end of the implementation period include: 1) The technological transfer of three technologies to three SMEs; 2) The development of at least six experimental products at TRL4; 3) The establishment of a national and international collaboration network through the organization of a summer school in two editions, a scientific

conference, and a workshop, as well as through visits to institutions in Romania and abroad, and the creation of a Romanian chitosan society; 4) The dissemination of the project's scientific results in the form of one European patent application, four national patent applications, fifteen ISI scientific papers, and fifteen oral presentations at national and international scientific events; 5) The establishment of a molecular biology laboratory and a proteomics laboratory.

The total ***budget*** of the project is 42,179,829.85 lei, with an eligible value of 38,049,677.28 lei, an eligible non-reimbursable value from the European Regional Development Fund of 28,885,675.05 lei and an eligible non-reimbursable value from the national budget of 2,145,149.71 lei.

The financing contract has been signed on 24.03.2026 and the completion date is 23.03.2029, with an implementation period of the project of 36 months.

*The project launch event will take place on 25 September 2026, starting at 10:00, in the Conference Hall of the “Petru Poni” Institute of Macromolecular Chemistry, Aleea Grigore Ghica Vodă no. 41A, Iași.*

**Contact:**

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The logo for PIOChitIns features a stylized green 'P' with a cross-like symbol inside, followed by the text 'IOChitIns' in a green serif font.