



June 2020

## PROJECT ANNOUNCEMENT

"Petru Poni" Institute of Macromolecular Chemistry (PPIMC), located in Iasi, 41A Grigore Ghica Voda Alley, Romania, has finalized to implement the project ***"Petru Poni" Institute of Macromolecular Chemistry - Interdisciplinary pole for smart specialization through research-innovation and technology for polymeric (bio/nano)materials and (eco)technologies***, *InoMatPol*.

**The general objective** of the InoMatPol project was to enhance the capacity, quality and efficiency of RDI activity in PPIMC by opening new research directions and diversifying the range of research services targeted specifically to industry - according to the innovation requirements of economic agents in cluster structures, in order to stimulate the competitiveness of the Romanian scientific research at European level and enhancing the national/regional economic competitiveness of the Institute and its industrial partners in the field of smart specialization in eco-nano-technologies and advanced materials.

### Obtained results:

- ✓ *Upgrading 3 building blocks* to develop seven new research directions:
  - Modernization/reconfiguration of the spaces to accommodate synthesis laboratories including pilot equipment / installations and a support laboratory by:
    - creating new RDI laboratories: 20 synthesis laboratories and 1 support laboratory
    - upgrading of existing RDI laboratories: 10 synthesis laboratories and 5 support laboratories
    - purchasing and instalation of 87 chemical niches, 87 special laboratory tables
  - Rehabilitation of spaces for results processing/interpretation, dissemination of results, technical spaces



- ✓ *Development and upgrading the PPIMC RDI infrastructure to the EU advanced standards* by purchasing 62 RDI equipments (including pilot ones) (some with unique configuration in the North-East or Unique Region of Romania), of which 18 with value above 100.000 euro, 23 IT equipment and 4 intangible assets



- *Improving the quality and diversifying the offer of RDI services especially for the business media and the cluster structures, during the project and within a minimum of 5 years from the completion of its implementation*
- *Development of eco-nano-technologies and industrial production of (bio-nano) polimer materials in Romania and in N-E Region by publication of minimum 70 scientific papers with authors from public and private sector, based on the protocols of collaboration with the economic agents, among of 35 already published during the project duration.*
- *Increasing the human resources quality by creating optimum conditions for the RDI activities and a number of 30 new jobs created by the end of the project implementation period*

- *Increasing the international visibility and PPIMC involvement in the European projects – more than 35 project proposals for Horizon 2020 were submitted*

<b>Output indicators</b>	<b>Value at the end of implementation period</b>	<b>Current Value</b>
The number of researchers working in research infrastructures with improved facilities (jobs maintained) - full time equivalent	150	162
Number of new researchers working in supported entity (newly created jobs) - full time equivalent	10	10
New jobs, other than R&D, within the supported entity	5	15
R&D Laboratories upgraded as a result of project (no)	15	15
Newly created CD Laboratories by the project (no)	21	21
R&D equipment worth over 100,000 euro purchased within the project (no)	18	18
Total R&D equipment purchased within the project (no)	63	63
<b>Result indicators</b>	<b>Value at the end of durability period</b>	<b>Value at 09.07.2020</b>
No of projet proposals submitted under Horizon 2020	35	39
Scientific Co-publications publi-private (no)	70	35

Project co-financed by European Regional Development Fund under the Competitiveness Operational Program 2014-2020, Priority Axis 1 – Research, Technological Development and Innovation to Support Economic Competitiveness and Business Development, Action 1.1.1 Large R&D Infrastructure, tip “Investment projects for public R & D institutions/universities”.

Contract nr. 142/10.10.2016, ID P\_36\_570, MySMIS: 107464

Total project budget 70,471,969 lei

EU co-financing: 63,289,772.10 lei

Period: 09.10.2016-09.07.2020

Contact:

"Petru Poni" Institute of Macromolecular Chemistry  
41A Grigore Ghica Voda Alley, 700487 Iasi, Romania

Project Director: Dr. Narcisa-Laura Marangoci

Email: [nmarangoci@icmpp.ro](mailto:nmarangoci@icmpp.ro)

Phone: +40 232 217 454; Fax: +40 232 211 299

Website: <http://inomatpol.icmpp.ro/index.php>

