The Project will develop training and interdisciplinary research in high-performance multifunctional polymeric materials. The nucleus of the Platform is based on the Center of Excellence POLYMERS, officially accredited by CNCSIS (7.06.2003), center acting within the “Gh. Asachi” Technical University of Iasi.

The Platform will be integrated in national/European networks and will ensure the training and improvement of human resources through high education and research, will enhance the research performance and the visibility of Romania, will contribute to Romanian high education and research integration in European Education Area and European Research Area, to the development of the knowledge-based society and will increase the socio-economic impact of research.

To ensure the success of the Project, a set of specific objectives has been defined:

- New educational programmes, oriented towards European priorities, able to ensure highly qualified human resources and to integrate them into the knowledge-based modern society
- New contents, forms and methods of training, specific for the development of education and research in multifunctional polymeric materials and in agreement with Lisbon Agenda and with Bologna Process, as well as with Romanian priorities
- Elaboration and implementation of interdisciplinary programmes of training (master, doctoral, post-doc)
- Consolidation of excellence in research in the field of high performance multifunctional materials by promoting interdisciplinary programmes and by attracting the most talented graduates – from Romania and abroad – for PhD and post-doc studies
- Extension and consolidation of the research infrastructure (hard equipment) of the Platform, to improve the training and research process, in order to increase Platform competitiveness in accessing national (CNCSIS, CEEX, PNCDI 2) and international (FP7, NATO, NSF etc.) programmes and the efficiency in answering the requirements of the regional, national and European economic areas
- Strengthening the scientific cooperation with academic and economic partners at national and European level
- Promoting the exchange of information and communication between the academic and socio-economic environments, to consolidate the knowledge-based society and to accelerate the integration of Romania into the European Union.

The benefits of the Platform will cover the whole high education and research environment in Iasi and in the North-Eastern Region of Romania and all Platform partners – both academic and economic.

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