

Realization of an Integrated Technological Platform in the field of advanced materials and technologies connected to the European Technology Platform EuMaT

Contract: Nr.53/2006

Contracting Authority: National Center for Programme Management

Beneficiary: INCDIE ICPE – CA

Project Director; Fiz. Ana Maria Bondar

Programme CEEEX – Research for Excellence

Typ of Project: P-INT-VIZ

Project Acronym: EUMATRO

Period of project: 02.02.2006- 15.12.2007

Project aim

The aim of the project is to increase the international visibility of the Romanian scientific community, as well as of the research programme in the field of advanced materials and technologies, in order to increase the degree of correlation and integration in the European research area. In the context of issues of status quo of the field of advanced materials and technologies the project proposes establishment in Romania of a virtual technological platforms and advanced materials technologies in agreement with European Technology Platform EuMaT, which are outlined in the directions for the future Research Framework Program FP7

Measurable objectives of the Project

Objective 1: Develop a portal that will host EuMaTRo Virtual Platform Technology

Objective 2: Formation of technological platforms and advanced materials technologies EuMaTro

Objective 3: Joining the Technologic Platform EuMaTRo with European Technologic Platform EuMaT.

Scheme of the project / time calendar:

2006/Period I: Drawing technical specification of the portal and preliminary support activities

Period: 02.02.2006 - 30.06.2006

2006/Period II: Realization of the portal

Period: 31.06.2006 - 30.11.2006

2007/Period III: Platform Technology formation

Period: 01.12.2006 – 31.05.2007

2007/Period IV: Joining the Technologic Platform EuMaTRo with European Technologic Platform EuMaT.

Period: 01.06.2007 – 15.12.2007

Development of the project

- Definition of potential heterogeneous consortia cooperation at national and international level;
- connecting national research on the international and active participation in the ERA;
- concerns of national institutional structures with European structure;
- creation of premises for participation in specific research directions priority of FP7.

Project impact

Activities included in this project stimulates the formation of public - private partnerships both at the national level and at European level, in advanced materials and top technologies.

EuMaTRo Technology Platform is a core of excellence in advanced materials and top technologies.

One of the main objectives of this platform is attracting the industry in setting research priorities for ensuring the realization of such a research capacity in the field.

EuMaTRo Technological Platform promote the construction of the National Research Strategic Agenda to define needs and priorities with the aim the increasing of the technical performance level in national material and technology industry, putting the economic involvement of industry materials. Effect is to increase the share of material production in GDP. EuMaTRo propose a strategy based on research and innovation capable of accelerating the industrial transformation of advanced materials and top technologies in Romania, contributing to national efforts for accession to European structures.

Results

Formation of technological platforms and advanced materials technologies EuMaTro in connection with European Technologic Platform EuMaT with the following objectives:

Bringing together the stockholders from industry, research, academia, society etc.;

To establish the Research Strategic Agenda in the field of advanced materials and technology in correlation with industry needs;

Development of the National Mirror Group with following structure:

- Research Center; 28.8%
- Academy: 59.6%
- Industry: 3.8%
- Public Authority:5.8%
- Professional Organization: 2%

To promote the Technologic Platform EUMAT in Romania it was organized round tables and meetings in the main towns.

The aim of this events:

- dissemination of Technologic platform as a new research tool adopted in EU for PC7;
- identification of research needs in the field of advanced materials and technologies in accordance with local needs;
- identification of consortium for national and EU research projects;
- increasing the Romanian research visibility;
- direct information regarding the direction of the research in the field of advanced materials and technologies.