

ROMNET-ERA

Romanian Inventory and NETWORKing for Integration in ERA
(Contract No . 510475) financed by European Commission



The ROMNET- ERA proposal addresses three strategic objectives of the ACC SSA General call, with the main emphasis on networking the high quality centers of research. The activities concentrate on Romania, preparing its integration in ERA.

Restructuring for integration in ERA will be the only realistic chance of the Romanian research to become competitive.

The consortium putting forward this proposal has the competence and the authority to address the local scientific community and has the full support of national authorities.

The important target groups at the national level are: high-quality research centers, and innovative SMEs. Identifying, screening and networking of research groups (from three separate research systems: national R&D institutes, university research centers, research units of the Romanian Academy) will be focused on some priorities of FP 6, catalyzing the participation to EU projects.

The emphasis will be on new materials and new technologies and their implications on the quality of life. Advanced software techniques and the experience of one EU partner in knowledge management will increase the efficiency of networking at the national level and make it attractive for interaction at the regional and at the European level.

The project consortiums will set-up a structure undertaking individual actions for innovative SMEs, in order to increase their participation in FP 6. Clustering of SMEs with research centers and universities, sometimes in scientific and technologic parks will be also pursued.

Such platforms of knowledge generation, dissemination and use, developed with European support, will bring into Romania elements of the new knowledge-based economy.

Finally, on the occasion of the annual information events devoted to presentation of the new FP 6 work programmes, the results of Romanian networking and participation to ERA will be displayed with posters, leaflets, reports etc.

Consortium

- National Institute for Research and Development in Microtechnologies, IMT-Bucharest, Romania
- "Politehnica" University of Bucharest , PUB, Romania
- National University Research Council, CNCSIS/NURC, Romania
- Executive Unit for Financing High Education and University Research, UEFISCSU
- Research Institute for Artificial Intelligence, Romanian Academy, ICIA/RACAI
- Chamber of Commerce and Industry of Romania and Bucharest / Centre of Investment Partnership in Romania - PART-INVEST, CCIR
- iMediasoft®, Grenoble, F
- iMediasoft®, Bucharest, RO

Project objectives and state of the art:

Inventory as a pre-requisite for networking. Networking on European priorities of high-quality Romanian centers of research (NoP-RCR) and research individuals will be the focal point of this project.

Networking in action. The networks will be used to organize contacts and meetings, bringing together researchers with similar or complementary interest, whenever possible including foreign scientists of Romanian origin. The catalyst will be the increased chance to participate to FP 6.

Identify, stimulate and assist Romanian innovative SMEs which are willing to participate to FP 6, will be the second important target of this project.

Organize annual information events for presenting the WP of FP 6. This will be organized as a national conference, with all NoP-RCRs involved in the preparation of the event and subsequent dissemination of information.

MINAEAST-NET

Micro and NANotechnologies going to EASTern Europe through NETWORKing, Secific Support Action

Coordinator: National Institute for Research and Development in Microtechnologies, Ro; Prof. Dan Dascalu (dascalu@imt.ro)

The aim of the network MINAEAST-NET is to develop a concerted effort for preparing the participation of ACC's to projects in FP6 on Micro and Nano Technologies (MNT). The subject involves the priority thematic areas 2. 1ST and 3. NMP. In order to have a unifying idea, the approach called Concurrent Engineering is used, because this means to take into account, even at the design stage all the elements concurring to the quality & reliability of the product: manufacturing, modelling & simulation, characterization, testing and reliability. MINAEAST-NET will be a network of networks formed by research bodies from several ACCs (core members of the network), which are coordinators of local networks formed by national high quality centres of research (associated members of the network), active in MNT. Also, key partners from MS, ensuring important links in the field, are core members of MINAEAST-NET.

MINAEAST-NET objectives

- MINAEAST-NET will be established as the premier source of information about resources and results in MNT from ACCs and about the strong points of the ACC organisations.
- Organisations and companies from MS (and world-wide) that are looking for partners in MNT for any kind of projects, should address their needs to MINAEAST-NET and MINAEAST-NET will definitely find the best partner suited for them. This activity is mainly addressed to FP 6 projects, but also to any other kind of cooperation in research or commercial activities.
- For all MNT interested organisations from ACC, MINAEAST-NET will be the main source of MNT specific project&partnership information: MNT related information about EC calls, international networking activities, partnership search from abroad.
- MINAEAST-NET will support interaction between ACC and MS organisations to initiate FP6 proposals through organising meetings, workshops and support travel cost.
- MINAEAST-NET will also be the "little helper" with any questions concerning proposal set-up and regulations for ACC organisations - all that especially for MNT. For any general questions from ACC, MINAEAST-NET will have the contacts to get them answered within other NCPs or support organisations that already exist.

MINAEAST-NET participants:

- Coordinator National Institute for Research and Development in Microtechnologies - IMT; RO
- Budapest University of Technology & Economics, Dept. of Electron Devices - BUTE; HUNGARY
- Faculty of Electrical Engineering, University of Ljubljana, Laboratory of Microsensor Structures - UL; SLOVENIA
- Institute of Control and System Research of the Bulgarian Academy of Sciences - ICSR; BULGARIA
- Institute of Solid State Physics of the Bulgarian Academy of Sciences - ISSP; BULGARIA
- Kaunas University of Technology, Institute of Physical Electronics - IPE; LITHUANIA
- Kaunas University of Technology, Ultrasound Institute - UI; LITHUANIA
- Technical University of Kosice - TUK; SLOVAKIA
- Sabanci University, Faculty of Engineering & Natural Sciences, Istanbul - SU; TURKEY
- National Centre of Scientific Research "Demokritos", Institute for Microelectronics, Athens - IMEL; GREECE
- Techniques of Informatics and Microelectronics for computer Architecture - TIMA; FRANCE
- Technical University of Berlin, Research Centre of Microperipherals Technology - TUB; GERMANY

