

From Micro- and Nanoscale Science to New Technologies for Europe

MNT ERA-NET CT-ERAC-CT 510226



PROJECT DESCRIPTION

COORDINATOR

Roland Brandenburg,
FFC Austrian Research Promotion Agency

PARTICIPANTS

- CR Midi-Pyrenees, FRANCE
- CEA Leti, FRANCE
- Enterprise Ireland
- DGTRE (Wallonia), Belgium
- Institute for the Promotion of Innovation by Science and Technology in Flanders (IWT), Belgium
- The Czech Society for New Materials and Technologies (CSNMT)
- Finnish Funding Agency for Technology and Innovation (TEKES)
- VDI/VDE-IT Framework Programme Microsystems, GERMANY
- Project Management Agency Forschungszentrum Karlsruhe, GERMANY
- SENTERNOVEM, THE NETHERLANDS
- Research Council of Norway (RCN)
- University Politehnica of Bucharest (PUB), ROMANIA
- Slovak Academy of Sciences (SAS)
- Basque Government EUROBUGEOA, SPAIN
- Spanish Ministry of Education and Science (MEC)
- TEMAS, SWITZERLAND
- Austrian Research Promotion Agency, AUSTRIA
- Invest Northern Ireland (Invest NI)
- Swedish Governmental Agency for Innovation Systems (Vinnova)
- Ministry of Scientific Research and Information Technology, SLOVENIA
- Ministry of Science and Higher Education, POLSKA
- Instytut Technologii Elektronowej, Warszawa, POLSKA

MNT ERA-Net is a network of European Micro- and Nanotechnology (MNT) support programmes.

It is a 4-year project under the ERA-NET scheme of the 6th Framework Programme of the European Commission.

MNT ERA-Net started in January 2004 with a core group of 8 European Programmes. After two expansion phases the consortium now comprises 17 countries with 21 funding programmes, all represented by their national/regional ministries or by their respective programme agencies.

It is our mission to reduce fragmentation of funding and to enhance the competitiveness of the European industry through co-ordination and co-operation of European support measures for Micro- and Nano-Technologies and through continuous improvement of excellence of delivery of the support services.

The **objectives of MNT ERA-Net** are:

- **cooperation** of national and regional funding programmes
- to learn from each other through the exchange of **good practice**
- to implement joint and coordinated **activities**
- sustained **coordination** of participating funding programmes
- **joint calls** for transnational research/technical development projects

OUR ROLE IN THE PROJECT

ITE represents Polish Ministry of Science and Higher Education. ITE role is to coordinate Polish participation in the MNT-ERA.NET consortium, to exchange and collect all information and data relevant to the project objectives, to widespread announcements to Polish MNT research society about joint activities with particular focus on transnational calls as well as to assist in proposal submission.

RESULTS

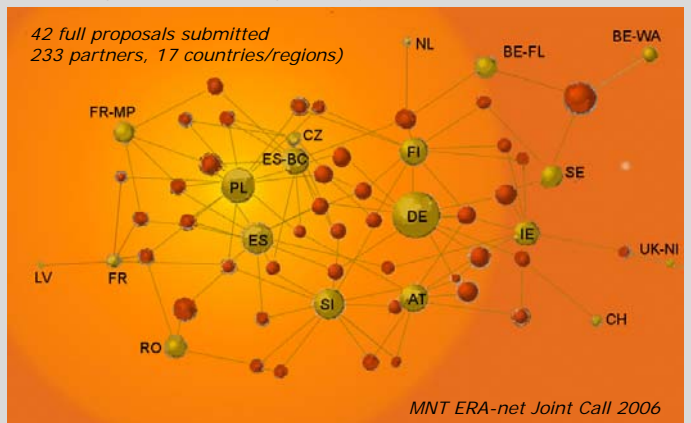
The first call for proposals closed on 16 May 2006.

First results

77 pre-proposals were submitted (**20 with Polish participation, 14 with Polish coordination**), 42 of them as a full proposal in a 2-step procedure (**12 with Polish participation**). The 42 proposals represent 225 partners from 17 European countries and/or regions. The average number of partners per proposal is 5,5, average number of countries per proposal is 2,8 with an average project duration of 33 months. Total costs of all proposals are 46,3 M€

The results of the first pilot call indicate a strong need for improving the transnational cooperation between national and regional funding agencies. Advanced materials such as powders, carbon nano tubes, polymers and composites as well as microsystems, optoelectronics and photonics attracted the European proposers.

Networking of the national/regional projects



MNT ERA-net Joint Call 2006



Country/region (size corresponds to number of participations)



Project (size corresponds to number of projects partners)

Next steps

The founding of recommended projects has to be assured through their individual national/regional funding agencies. First projects starts in November 2006.

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