MNT ERA-Net
NEW OPPORTUNITIES FOR APPLICANTS IN MNT

Roland Brandenburg, FFG, Austria

CISTRANA Workshop, Budapest 9 March 2006

WHAT IS MNT ERA-Net?

IT IS A 4-YEAR (2004-2007) COORDINATION ACTION WITHIN THE ERA-NET SCHEME INVOLVING 21 EUROPEAN COUNTRIES/REGIONS

IT ADDRESSES MICRO- AND NANO-TECHNOLOGIES AND MICROSYSTEMS

MNT ERA-Net IS EXPECTED TO HAVE A SIGNIFICANT IMPACT ON FUTURE ECONOMIC AND SOCIAL DEVELOPMENT

Where are we ?

Basic research
Enabling technology
Applications to market
policy level
programme level
project level
ERA Pilot
MiNaTSI
ERA-Net
Nano-Sci-ERA
ERA-Net
MNT ERA-Net
ERA-Net
MATERA
EUREKA
PIDEA+, MEDEA+, EURIMUS II

The focus of MNT ERA-Net covers:

- **Actuators and sensors**
- **Biotechnology** (e.g. sensors, delivery systems, Lab-on-a-chip)
- **Energy** (energy storage, photovoltaic, fuel cells, batteries)
- **Instrumentation** (AFM, holographic instruments, calibration)
- **Manufacturing** (machining, LIGA, lithography, structuring, tribology)
- **Materials** (e.g. functionalisation, surface structuring, replication, composite)
- **Medical devices** (e.g. stents)
- **MEMS, MOEMS, NOEMS, NEMS**
- **Nanoelectronics**
- **Optical devices**
- **Simulation & modelling**
- **System integration**

PARTNERS IN MNT ERA-Net (status 2006):

Initially: 8 partners

Expansion 2004 & 2005

2006: 24 programmes

Activities within MNT ERA-Net

- WP 0: Manangement & Coordination
- WP 1: Systematic Exchange
- **WP 2: Strategic Activities**
- **WP 3: Implementation of joint activities**
- **WP 4: Cooperation Testbed (call)**
- WP 5: Transnational Programme activities
- WP 6: Expansion of MNT ERA-Net
- WP 7: Communication
- WP 8: Institutionalisation of Cooperation

WP2: Strategic Activities

- Detect similarities and complementarities of programmes
- EFQM approach → quality assessment implemented in the first call
- Share information about projects currently supported by participating programmes →Clustering

WP3: Implementation of joint activities

- Case studies, Test projects
- Exchange of experts between funding programmes for project evaluation
- On-site project reviews
- Clustering results and expressions of interest and for definition of call

WP4: Transnational Call 2006

Programme information

mnt-era.net

Country/Region	MNT ERA-Net Member	Contact	Eligible project partners: SMEs	Industry	Universities	Technology institutes	Funding of eligible costs (according to regional/national rules) up to
Austria	Austrian Research Promotion Agency (FFG)	roland.brandenburg@ffg.at birgit.mayer@ffg.at	●	●	■	■	50 % (personnel, equipment and other costs)
Belgium Flanders	IWT-Flanders	bkl@iwt.be	●	●	●	●	50 % Depending on programme
Belgium Wallonia	Direction General for Technologies, Research and Energy (DGTRE)	b.jambe@mrw.wallonie.be	●	●	●	●	100 % institutes, 60 % to SMEs, 50 % companies and research centres
Czech Republic	CSNMT	petr.louda@vslib.cz	●	●	●	●	50 %
Finland	Tekes	markku.lamsa@tekes.fi	●	●	●	●	50 % companies, 100 % universities
France	CEA/delegate Ministry of Research	philippe.laporte@cea.fr	●	●	●	●	100 %
France Midi-Pyrenees	CR Midi-Pyrenees	hdexpert@cemes.fr	●	●	●	●	40 % on the basis of the today running CRMP call for projects
Germany	Project Management Agency Forschungszentrum Karlsruhe	Stefan.Scherr@ptka.fzk.de	●	●	●	●	50 % (personnel, equipment and other costs)
Ireland	Enterprise Ireland (EI)	Robert.Flood@enterprise-ireland.com	●	●	●	●	50 - 75 %
Norway	Research Council of Norway	te@rcn.no	●	●	●	●	50 %
Poland	Ministry of Education and Science	pdumania@ite.waw.pl	●	●	●	●	50 % - 100 %
Romania	Polytechnical University Bucharest (PUB)	c_trisca@chim.upb.ro	●	●	●	●	50 % - 100 %
Slovenia	Ministry of Higher Education, Science and Technology (MHEST)	polona.skraba@gov.si	●	●	●	●	100 %
Spain	Ministry of Education and Science	mvazquez@icmm.csic.es	■	■	●	●	up to 100 %
Spain Basque Country	The Basque Government	hernani@eurobulegoa.com palbisu@eurobulegoa.com	●	●	■	■	50 % (personnel, equipment and other costs)
Sweden	VINNOVA	anders.maren@vinnova.se	●	●	●	●	50 % to companies 100 % to institutes/universities
Switzerland	TEMAS AG/CTI	annemarie.gemperli@temas.ch			●	●	100 % to non profit R&D organisations, max. 50 % of the project budget
United Kingdom Northern Ireland	Invest Northern Ireland	nigel.carr@investni.com	●	●	●		Typically ≤ € 3 M per project

■ *Subcontractor*

Transnational Call 2006

- Open from 1 January until 16 May 2006
- 2 step process
- Market-oriented proposals
- Topics: see focus of MNT ERA-Net
- Funding: according to national/regional rules
- Minimum requirement: Two parties from two different participating countries/regions
- 18 countries/regions participating

Programmes participating in the call 2006

13 national programmes
5 regional programmes

(mainly industry oriented)

Commitment:
Letter of Intent from Programme owners (timeframe, reserved budget, …)

Workflow: Transnational cooperation of European MNT programmes

National / Regional Funding Agencies
MNT ERA-Net partners (Programme owners)
Announcement of Transnational call 2006 (Dec 2005)
Project outline (pre-proposal)
Coordinator → coordinating agency
Deadline: 28 March 2006
Full project proposal
Consortium → involved agencies
Deadline: 16 May 2006
Nat./reg. funding application
Consortium → involved agencies
Deadline: 16 May 2006
Exchange of Information
Transnational Coordination Team
• checks eligibility
• checks relevance to nat./reg. funding programmes
• recommends submission of FPP
• ranks evaluated proposals
National evaluations
July 2006
Funding decisions (Sept 2006)
MNT ERA-Net Working Group
Monitoring (after 1 year)
APMM (2007)
Dissemination of results
→ national evaluation
→ transnational coordination

WHAT ARE THE BENEFITS ?

European expertise on national level

Trans-national project cooperation

The process fits to smaller consortia

Consistent evaluation process

Consistent monitoring process during project runtime

Synchronised funding decisions

Accelerated funding decisions

CONTACT

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