

M-ERA.NET
Kick-off meeting
27-28 February 2012

The Institute of Materials, Minerals and Mining
 1 Carlton House Terrace,
 London SW1Y 5DB (UK)

Minutes

Participants:

Invited: Steering Board (SB), Working Group (WG), Eur. Commission, guests

M-ERA.NET consortium

			Steering Board member		Working Group member	
1	AT	FFG	Birgit Tauber	0	Roland Brandenburg	1
			<i>Katharina Gugler</i>	1	Katharina Gugler	1
2	AT	bmvit	Alexander Pogany	1	Alexander Pogany	1
3	AT	FWF	Karl Unterrainer	0	Kati Huttunen	1
			<i>Kati Huttunen</i>	1		
4	BE-FL	FWO	-	-	Olivier Boehme	0
5	BE-FL	IWT	Lieve De Doncker	1	Corien Struijk	1
6	BE-WA	DGo6	Pierre Villers	0	Julie Jasmes	0
7	CY	RPF	Leonidas Antoniou	0	Leda Skoufari-Themistou	1
			<i>Leda Skoufari-Themistou</i>	1		
8	DE	BMBF	Ingo Höllein	0		
			<i>Christin Menneking</i>	1		
9	DE	DFG	Burkhard Jahnen	1	Xenia Molodova	1
10	DE	JÜLICH	Ingo Höllein	0	Ingo Rey	1
			<i>Christin Menneking</i>	1		
11	DE	KIT	Ingo Höllein	0	Stefan Scherr	1
			<i>Christin Menneking</i>	1	Katharina Arnold	1
12	EE	ETF	Enn Mellikov	1	Rainer Randmeri	1
13	ES-AN	IDEA	Jose Antonio Pascual	0	Alonso Montero	0
14	ES-AS	IDEPA	Jaime Fernández Cuesta	0	Ana E. Fernández Monzón	1
			<i>Ana E. Fernández Monzón</i>	1		
15	ES-BC	Innobasque	Xabier Maidagan	1	Cristina Ugarte	1
16	ES-MA	fmi+d	Arturo Menéndez	0	Sara Alfonso	1
			<i>Sara Alfonso</i>	1		
17	FI	Tekes	Jussi Kivikoski	1	Sisko Sipilä	1
18	FR	ANR	Jean-Pierre Chevalier	1	Bernard Bonello	1
19	FR-MP	RMP	Jean Tkaczuk	1	Stephane Beyrand	1
20	HU	OTKA	Dezső Beke	1	Elod Nemerkenyi	1
21	IL	MATIMOP	-	-	-	-
22	IS	RANNIS	Sigurdur Bjornsson	0	Ingolfur Thorbjornsson	0
23	IT	MIUR	-	-	-	-
24	IT-PI	REG PIEMONTE	Rossana Borello	1	Rossana Borello	1
25	LT	RCL	Edmundas Kuokstis	1	Jurgita Stonyte	1
26	LU	FNR	Marc Schiltz	0	Christiane Kaell	1
			<i>Christiane Kaell</i>	1		

27	LV	LAS	Maija Bundule	1	Maija Bundule	1
28	NL	NWO	Nico Kos	1	-	-
29	NO	RCN	Vidar Skagestad	1	Aase Marie Hundere	1
30	PL	NCBiR	Krzysztof Kurzydowski	0	Katarzyna Samsel	1
			<i>Katarzyna Samsel</i>	<i>1</i>		
31	PT	FCT	Catarina Resende	0	Dina Carrilho	0
32	RO	UEFISCDI	Adrian Curaj	0	Mircea Segarceanu	1
			<i>Mircea Segarceanu</i>	<i>1</i>	Corneliu Trisca-Rusu	1
33	SE	Vinnova	Ulf Holmgren	1	Anders Marén	1
34	SI	MHEST	Tomaž Boh	1	Doroteja Zlobec	1
35	SK	SAS	Eva Majkova	1	Jan Barancik	1
36	TR	Tübitak	Sinan Tandogan	1	Burcu Koc Haskilic	1
37	UK	TSB	John Morlidge	1	Christian Inglis	1
					Robert Quarshie	1
					Alec Reader	1
					Natasha Taylor	1

Guests

CH	Switzerland	OPET	Roland Buehler
TW	Taiwan	NSC	Willis T. Lin
TW	Taiwan	NPNT	Chung-Yu (Peter) Wu
TW	Taiwan	NSC	Jonathan Shieh
EC	Eur. Commission	RTD.DDG3.G.3	Marcin Sadowski
EC	Eur. Commission	RTD.DDG2.B.4	Jörg Niehoff

All presentations are available online (for registered users):

<https://connect.innovateuk.org/web/m-era.net-consortium/document-library>

Folders: » MERANET meetings » [Kick off meeting London Feb 2012](#)

Welcome by hosts

Robert Quarshie, Director of Institute of Materials, Minerals and Mining, and Lee Vousden, Department of Business, Innovation and Skills, welcome the group to Carlton House.

M-ERA.NET history & motivation (FFG)

The presentation is available online.

Introduction to EC funded projects (EC)

The presentation is available online.

Marcin Sadowski, the M-ERA.NET project officer, provides an overview on key enabling technologies, innovation from materials and EC strategies beyond FP7. He also introduces the group to reporting duties involved with this FP7 project.

Introduction to M-ERA.NET (FFG)

The presentation is available online.

WP1 Management & Communication (FFG)

Introduction to objectives, tasks, deliverables. The presentation is available online.

Task 1.1. Contract management (FFG)

The presentation is available online.

Status of M-ERA.NET contract negotiations

All 37 partners have signed GPFs (A2.5) and Annex A/B; FFG has collected all originals and sent them to Brussels. Arrival has been confirmed 14 Feb.

The EC will provide the Grant Agreement soon. FFG and EC will sign the contract and subsequently all partners will be asked to sign the form "accession to the contract".

The official starting date will be 1 Feb 2012.

Reporting

3 reporting periods have been defined:

period 1 = months 1-18; period 2 = months 19-36; period 3 = months 37-48

In addition all M-ERA.NET project partners will report their use of resources every six months to the coordination office, giving a justification of major cost items and resources. Detailed instructions will be provided by FFG.

Consortium agreement

A draft consortium agreement has been circulated to the Working Group for comments. FFG will compile the final version by mid-March.

Resources

Cost categories and allocation of resources to partners and work packages are explained.

TO DO task 1.1:	When	lead
provide GA	asap	EC
collect signatures from all parties	asap	FFG
send comments on Consortium agreement to FFG	9 March	all
compile final consortium agreement	asap	FFG
Provide instructions on reporting	asap	FFG

Task 1.2. Project coordination (FFG):

The presentation is available online.

The world can be divided into the M-ERA.NET consortium and non-consortium entities:

Roles:

I. Consortium:

a) Working Group (WG) incl. coordinator

operational work → *representatives of all consortium members, usually national/regional programme managers*

b) Management Group (MG)

work package lead and task lead → *work package leaders, task leaders*

c) Steering Board (SB)

strategic decisions → *1 representative per funding organisation, representing the programme owner*

II. Non-consortium:

d) Strategic Experts Group (SEG)

Whereas all **strategic decisions will be taken by the Steering Board**, it will be the task of the Strategic Experts Group to give external advice concerning the scientific and technological aims of the targeted joint strategic programmes and in particular the scope and topics of future calls and other joint activities.

- ... to be selected with respect to their specific expertise;
- ... to provide up-to-date status and foreseen development of European strategies
- ... to provide comprehensive overview on needs and possibilities at European, national and regional levels in order to identify gaps and opportunities.
- ... to represent industry and academic research.

The composition of this group will be kept flexible in order to react to changing environments and emerging challenges.

e) Observer organisations

As opposed to beneficiaries (=consortium) who carry out project work all interested parties (“observers” = non-consortium) do not officially carry out project work. They have no rights and obligations under the Grant Agreement. Observers can either sign the contract (and become beneficiaries, if this is decided by the Steering Board) or not sign the contract (and remain observers).

Cooperation between M-ERA.NET and observers can be established through, for example, a memorandum of understanding (e.g. on the occasion of coordinated calls). This has been done in previous ERA-NETs with a number of European parties (“associated partners”).

Meetings

The number of meetings is described in the DoW:

Steering Board (SB)	min. 1 per year or upon request
Management Group (MG)	2-3 per year or upon request
Working Group (WG)	min. 2 per year or upon request
Task Forces	according to demand
Strategic Expert Group (SEG)	min. 1 per year

Task 1.4. Monitoring of performance and risk management (FFG)

The presentation is available online.

Two categories of risks (related to coordination and joint call implementation) have been identified and described in the DoW.

Task 1.3. Communication and dissemination (TSB)

The presentation is available online.

A draft communication strategy and concept for PR package is presented. The external dissemination of M-ERA.NET achievements and opportunities, demonstrating the benefits from transnational cooperation, has two main goals:

- at the RTD community level: stimulate the response to transnational calls.
- at the programme level: attracting potential new partners to the network.

External communication, dissemination and PR package: actions for Months 1-3

- construct M-ERA.NET Website: the official URL will be **m-era.net**; static content, articles (blogs), news items
- identify need for M-ERA.NET newsletters, E-alerts, articles and whitepapers, press releases, annual report
- identify third party websites including European Technology Platforms, Cordis, NMP NCP & Nano/Materials KTNs etc.
- identify need for printed marketing communication materials , e.g. flyer, success stories booklet etc
- identify relevant events, webinars

Intranet: actions for months 1-3

The M-ERA.NET intranet will be based on the UK _connect platform. Draft structures are already available at <https://connect.innovateuk.org/web/m-era.net-consortium/members>

TSB will

- Prepare intranet structure.
- Assign appropriate permission levels for all members of the M-ERA.NET.
- Invite members to intranet.
- Provide online training to members through webinar session.
- Establish IT support through TSB channels.

The draft communication strategy and concepts for PR package, public website & intranet are endorsed.

Logo:

A logo is chosen from a shortlist.

Events:

A first event has been identified: M-ERA.NET will be represented on the occasion of the Industrial Technologies Conference 2012, 19-21 June, Aarhus (DK), sharing an exhibition booth with related ERA-NETs.

TO DO task 1.3:	When	lead
provide SB and WG members with access to intranet	asap	TSB
provide guidance (manual) on intranet use	asap	TSB
upload kick-off meeting presentations to intranet	asap	TSB
provide public website with forwarding from www.m-era.net	asap	TSB
provide clickable map of Europe on public website	asap	TSB

WP2 Strategic Programming (Tekes)

Introduction to objectives, tasks, deliverables. The presentation is available online.

WP2 is at the core of the M-ERA.NET activities. Joint strategic programming will integrate national and regional priorities in materials science and engineering with European needs and global challenges. The main goal is to establish a multi-annual strategic approach to joint activities, including calls.

Two main documents have been drafted with contributions from Tekes, IWT, DFG, ANR, FFG, fmi+d, bmvit.

- 1) Vision for joint programming (deliverable D2.1.): this multi-annual joint strategic vision will describe the scope and pave the way for annual joint programming.
- 2) Policy for joint programming (deliverable D2.2.): this policy for joint programming will specify guidelines for the identification and prioritisation of potential topics for joint calls as well as other joint activities.

ad D2.1) Vision for joint programming (draft)

The general concept is presented. Some modifications are requested, in particular concerning the motivation and description of thematic fields (e.g. including energy storage and transformation).

The draft vision for joint programming **is endorsed by the Steering Board**. A slightly updated final version will be circulated within 1 week.

ad D2.2) Policy for joint programming (draft)

The policy describes how the consortium will ensure that all joint calls and activities will bring added value in developing a strong European RTD community and supporting the European economy. The current draft focuses on the joint calls (whereas other joint activities will follow at a later stage).

With respect to the thematic scope of the calls the M-ERA.NET consortium will be asked for input through a systematic collection of national & regional programme priorities which will be discussed in a workshop with external experts (see below); making use of this external advice, the Steering Board will be asked for a final decision on the scope.

This basic policy concept **is endorsed by the Steering Board**.

During discussion some clarification is requested in particular on how to realise the practical coverage of the whole innovation chain. As it is probably impossible to have the innovation chain covered by the consortia of individual RTD projects one could find it convenient to define between sub calls, distinguished through technology readiness. Sub-calls could be a suitable way to cover more than just 1 type of RTD projects but offer alternative options focusing on certain project types, e.g. providing channels for feasibility studies vs. 3-year-projects, basic research vs. applied research, etc.

While detailed designing of joint calls will be done in the context of WP4 it will be necessary to see if evaluation criteria could be the same or rather different for sub-calls on basic and applied research, respectively. Details will be discussed.

TO DO WP2/task 2.1.:	When	lead
compile & circulate final versions of vision and policy	7 March	Tekes, ANR, TSB

Task 2.1. Joint programming for research (IWT)

The presentation is available online.

A task force has already started activities related to the collection of external advice on the call 2012. All M-ERA.NET parties have been invited to suggest up to 5 experts of their choice as potential candidates for the strategic workshop (see above). 71 candidates have been nominated before the deadline 15 February with more than 50% being university staff, more than 25% research organisations, whereas only 5 SMEs and 7 large industry representatives have been listed.

Task leader IWT has compiled a matrix distinguishing thematic fields and types of organisations in order to provide convenient sorting of candidates and assembled a short list of 40 national/regional candidates which has been acknowledged by the Management Group. In addition to these candidates the composition of the Strategic Expert Group (SEG) for the workshop foresees the participation of ETPs (Technology Platforms have been identified) and scientific societies.

The members of the Steering Board are invited to vote on the shortlist of national/regional candidates but express their doubts on the procedure: the main doubts concern the insufficient time which was available for checking the CVs of candidates in order to enable well justified voting. Concerns also involve the shortlist which seems to create some gaps in the matrix. It is also requested to link the involvement of industries to the Technology Platforms.

As a solution it is decided to establish a tool for online voting through the intranet.

TSB will make all CVs available through the intranet immediately and set up the voting tool by 5 March.

All partners will be invited to register to the intranet.

TO DO task 2.1:	When	lead
Upload all CVs & shortlist to the intranet	28 Feb	TSB
Provide access to intranet for all SB and WG members	28 Feb	TSB
Register to the intranet	asap	All Steering Board members
Submit final suggestions on candidates and shortlist	2 March	All Steering Board members
Compile final shortlist	6 March	IWT
online voting mechanism available via intranet	6 March	TSB
Provide detailed instructions on intranet & voting tool	6 March	TSB
Complete online voting	11 March (tbc)	All Steering Board members
Endorse final list of candidates	asap	Steering Board

Task 2.2 Joint programming for other joint activities (REGIONE PIEMONTE)

The presentation is available online.

Task 2.2. will roughly follow the work flow described for task 2.1. A new task leader is needed as Regione Piemonte is lacking resources for acting as the task leader. All partners are invited to investigate the possibility of becoming the new leader of task 2.2.

TO DO task 2.2.:	When	lead
check if task lead is feasible	asap	all

Task 2.3. Assessment and future development (*fmi+d*)

The presentation is available online.

A concept is presented concerning the assessment of activities. The implementation of joint annual work programmes will be analysed through assessment of:

- joint calls (implementation mechanism)
- funded RTD projects
- other joint activities

These analyses will serve as a periodic input for annual joint programming.

The overall impact of the project will be assessed against the success criteria of the project, highlighting options for future development

WP3 International Cooperation (KIT)

Introduction to objectives, tasks, deliverables. The presentation is available online.

Task 3.1. Consolidation of participating funding programmes and expansion (MHEST)

The presentation is available online.

Consolidation of the network will be achieved through

- Annual programme surveys to monitor the features of participating programmes
- promotion of the network through the M-ERA.NET website
- personal visits to gain knowledge on national and regional challenges

Annual programme surveys for collecting national/regional programme profiles and priorities programme will be coordinated with task 2.1.

TO DO task 3.1.:	When	lead
Collect and compile programme profiles of all M-ERA.NET parties (coordinated with task 2.1)	asap	MHEST

Task 3.2. Cooperation with European RTD community (KIT)

The presentation is available online.

A concept for cooperation with relevant European RTD networks and initiatives is presented which will facilitate systematic cooperation with the European RTD community. Suitable networks will be analysed and contacted to collect views trends in materials science and engineering with a view to topics for future calls and other joint activities, e.g. through integrating selected experts into the joint programming process (WP2).

These networks include

- scientific societies working at the European level, e.g. ESF MatSEEC
- European Technology Platforms, e.g. EuMaT, SusChem, ESTEP, MINAM, EPoSS, MANUFUTURE, Photonics 21, A4M
- foresight actions, e.g. GENNESYS

TO DO task 3.2.:	When	lead
Identify relevant networks	asap	KIT

Task 3.3. Preparation of international cooperation & integration of partners outside EU (FCT)

The presentation is available online.

A concept for the strategy for integration of international partners is presented, including

- a. Criteria for identifying potential new partners
- b. Decision making procedures
- c. Practical options for integration

Criteria for integration of international partners should include mutual interest in joint activities, experience with bilateral cooperation, availability of relevant programmes, IPR issues, etc.

The Steering Board will take the strategic decision on:

- which third countries are the most relevant.
- which joint activities could be of mutual interest.
- identifying the best practical option for partnership.

The M-ERA.NET Description of Work mentions Brazil (National Council for Scientific and Technological Development (CNPq), Ministry of Science and Technology (MCT) and CAPES, Ministry of Education), Japan (New Energy and Industrial Technology Development Organization (NEDO)), Korea (National Research Foundation of Korea (NRF)), Taiwan (National Science Council of Taiwan (NSC)), USA National Science Foundation (NSF). This non-exhaustive list will be used as a guidance and adapted as appropriate, e.g. by adding Canada (NanoAlberta) and Singapore (Agency for Science Technology & Research (A*STAR)) or other relevant economies.

TeKes emphasise that criteria should not be too complex and that mutual interest should be the main issue. In particular, concrete interest should be appreciated and it should not be made too difficult to take decisions. The draft strategy is **endorsed by the Steering Board**. Criteria will be adapted to practical needs.

TO DO task 3.3.:	When	lead
Develop strategy, focus on mutual interest	asap	FCT
Integrate strategy into call design including international call participants	asap	FCT, FFG

Presentation international funding organisation: NSC & NPNT (Taiwan)

1) Introduction to National Science Council

The presentation is available online.

Dr. Willis T. Lin, Director General of Dept. of International Cooperation at National Science Council (NSC) Taiwan, provides a summary description of NSC organisation and national priorities.

2) Introduction to National Program on Nano Technology

The presentation is available online.

Peter (Chung-Yu) Wu, Program Director, provides a summary on priorities, budget, operation structure and targets for international collaboration of the National Program on Nano Technology. NPNT will organize the Taiwan Nano Week 3-5 October 2012, www.twnpnt.org

NSC and NPNT are highly interested in establishing close collaboration with the M-ERA.NET parties, including participation in the joint calls.

Next steps:

It is agreed that -as a first step towards the strategy for integration of international partners- all M-ERA.NET parties will identify their national/regional interests in a concrete cooperation with Taiwan. At the same time NSC & NPNT are requested to identify their interests in a concrete cooperation with M-ERA.NET, such as relevant thematic areas or project types which could be supported.

TO DO cooperation with Taiwan:	When	lead
Enable systematic collection of national/regional interest in cooperation with Taiwan	asap	FCT
Identify mutual interest between Taiwan and M-ERA.NET partners	asap	FCT, all
identify Taiwanese interests in a concrete cooperation with M-ERA.NET, such as relevant thematic areas or project types which could be supported	asap	NSC & NPNT

WP4 Programme Implementation (UEFISCDI)

Introduction to objectives, tasks, deliverables. The presentation is available online.

Task 4.1. Design and preparation of joint calls (FFG)

The presentation is available online.

Elaborating call design & procedures will involve

- exploiting good practice
- designing the duties of the call secretariat, to be endorsed before the first call
- designing the proposal submission system, to be endorsed before the first call
- designing evaluation and selection procedures
- design the call schedule
- defining call documents

M-ERA.NET aims to develop a central international peer review process ensuring a transparent, fast and straightforward assessment. As it is clear that all funding decisions will be taken by the national / regional funding organisations a task force will elaborate adequate procedures in order to ensure acceptance of the central evaluation results at the national/regional level.

Call 2012: Preliminary information is collected concerning the call 2012. The following questions are discussed among all parties:

- Is it important to have a schedule which is complementary to FP7-NMP calls ?
- Would you participate in a call starting in June 2012 ?
- Would you participate in a call starting in September 2012 ?

- Would you commit to a central peer review assessing the submitted Full Proposals and accept the recommended ranking list ?
- Are you planning to assess the scientific & technical quality of proposals on national/regional level independent of the central peer review process ?

A summary table is provided in the Annex.

As a result, it is agreed that the Call 2012 will be launched after summer, for example in September 2012. All discussions on call scope, design & implementation should be finalised until June in order to have sufficient time for preparing the launch.

TO DO task 4.1.:	When	lead
Elaborate call design incl. evaluation procedure	asap	FFG
Fine-tune call schedule 2012	asap	FFG
elaborate specifications for submission, evaluation & monitoring tool	asap	FFG

Task 4.2. Promotion of joint calls (JÜLICH)

The presentation is available online.

A draft concept for call promotion is presented. Call promotion will

- › focus on potential applicants
- › consider the whole innovation chain, addressing strategic basic and applied research and innovation.
- › target an increased participation of international partners, research organisations, industry, newcomers and SMEs

Call promotion will make use of several information channels including web-based communication, flyers, mailings, press releases, newsletters, M-ERA.NET newsletter, communication activities at national/regional level, support for local and international events (posters, roll-screens, give-aways), personal consultation.

There will be close collaboration with task 1.3 Communication and dissemination (lead: TSB). Different levels of approval are foreseen.

TO DO task 4.2.:	When	lead
Finalize the development of a communication and promotion strategy	asap	JÜLICH

Task 4.3. Operation of joint calls (FFG)

The presentation is available online.

To do during implementation:

- provide a central service & contact point for applicants
- explore feasibility and relevance of a partner search tool
- implement, run and maintain the online tool for submission & evaluation & monitoring
- arrange for the maintenance & update of the data base of proposals and projects
- select and appoint evaluators

- contact & guide evaluators
- collect and compile individual evaluation results, ensure consensus reports and ranking of proposals
- prepare feedback letters to applicants
- compile call results (raw statistics)

Details will be elaborated by the task force.

A concept for specifications of a state-of-the-art proposal management tool is presented, addressing

- Submission phase
- Pre-proposal evaluation phase
- Full Proposal evaluation phase
- Monitoring phase, including functions to export data for further statistics

Best use of IT systems used by former networks will be made. The Working Group will endorse the specifications of the submission system before each call.

TO DO task 4.3.:	When	lead
elaborate call implementation details (call secretariat)	asap	FFG

Task 4.4. Monitoring of joint call implementation and funded projects (TÜBITAK)

The presentation is available online.

Joint calls will be analysed with regard to the results and expectations of the participating researchers and the participating funding organisations. The monitoring concept consists of 2 main categories:

A) Monitoring of technical implementation

Online questionnaires are foreseen

- To assess the procedures of the joint calls
- To learn lessons for future joint calls
- Potential improvement of call procedures

B) Monitoring of funded projects

A low-effort system will be set up

- to understand how projects are being developed and if necessary, to suggest appropriate improvements.
- annual progress and proper performance of running projects until and beyond their successful completion

Good information flow between tasks 4.4. and 2.3 will be essential.

Introduction to ERA-NET Learning Platform (EC)

Horizon 2020 – Public-Public Partnerships and the new ERA-NET instrument (EC)

The presentations are available online.

Jörg Niehoff presents the ERA-NET Learning Platform, the main elements of Horizon 2020 and the boundary conditions for ERA-NETs under Horizon 2020 as presented in the Commission proposal.

Next steps & next meetings (FFG)

Next steps have been identified in all Work Packages. Planning of meetings also depends on the acceptance of online tools. TSB will set up an intranet which will allow advanced communication. The question is asked: are endorsement procedures via online media (online voting, etc) acceptable to Steering Board members? The Steering Board **agrees that -in justified cases- decisions can be taken via online media.**

Next meetings:

Who	What	When	Where
Task forces 2.1., 4.1., 4.3., Management Group	Annual work programme, call design, call implementation	On demand	tbc
Strategic Expert Group (SEG)	Advice on scope of call 2012	? end-April ?	?
Steering Board + Working Group	Annual work programme (call design, evaluation procedures), international cooperation	? May-June ?	?

15:00 end of kick-off meeting

Annex: Preliminary commitment to call 2012, depending on programme requirements

				CALL START									Peer Review of Full Proposals					
				complementary to NMP			June 2012			Sept 2012			central			national level in any case		
				YES	not sure	NO	YES	not sure	NO	YES	not sure	NO	YES	not sure	NO	YES	not sure	NO
1	AT	Austria	FFG	1			1			1			1					1
2	AT	Austria	Bmvit	1			1			1			1					1
3	AT	Austria	FWF	1			1			1			1					1
4	BE-FL	Belgium Flanders	FWO	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
5	BE-FL	Belgium Flanders	IWT		1			1		1			1				1	
6	BE-WA	Belgium Wallonia	DGo6	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
7	CY	Cyprus	RPF	1					1	1			1					1
8	DE	Germany	BMBF	1				1				1					1	
9	DE	Germany	DFG			1	1			1			1					1
10	DE	Germany	JÜLICH	1					1				1				1	
11	DE	Germany	KIT	1				1				1					1	
12	EE	Estonia	ETF	1			1			1			1				1	
13	ES-AN	Spain Andalusia	IDEA	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
14	ES-AS	Spain Asturias	IDEPA		1				1	1				1			1	
15	ES-BC	Spain BasqueCountry	Innobasque	1			1					1			1			
16	ES-MA	Spain Madrid	fmi+d		1				1			1						1
17	FI	Finland	Tekes			1	1			1			1					1
18	FR	France	ANR			1			1	1			1					1
19	FR-MP	France MidiPyrenees	RMP	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
20	HU	Hungary	OTKA	1			1			1			1					
21	IL	Israel	MATIMOP	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
22	IS	Iceland	RANNIS	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
23	IT	Italy	MIUR	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
24	IT-PI	Italy Piemonte	REGIONE PIEMONTE			1			1	1			1					
25	LT	Lithuania	RCL			1	1			1			1					1
26	LU	Luxembourg	FNR			1	1			1			1					1
27	LV	Latvia	LAS			1			1	1			1					1
28	NL	Netherlands	NWO			1			1			1						1
29	NO	Norway	RCN	1					1	1			1					1
30	PL	Poland	NCBiR			1			1	1			1					1

31	PT	Portugal	FCT			1		1			1			1			1	
32	RO	Romania	UEFISCDI	1			1			1				1			1	
33	SE	Sweden	Vinnova			1			1		1			1		1		
34	SI	Slovenia	MHEST			1			1			1					1	
35	SK	Slovakia	SAS			1	1			1				1			1	
36	TR	Turkey	Tübitak	1			1			1				1		1		
37	UK	UK	TSB	1					1	1				1			1	
total				14	3	13	13	4	13	21	6	3	28	2	0	5	7	18
				47%	10%	43%	43%	13%	43%	70%	20%	10%	93%	7%	0%	17%	23%	60%

	CH	Switzerland	OPET			1			1	1				1			1
	DE	Germany	VDI-TZ	?	?	?	?	?	?	?	?	?	?	?	?	?	?
	TW	Taiwan	NSC & NPNT				1			1				1			