

MARIE CURIE HOST-DRIVEN ACTIONS: ITN AND IRSES 2012



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National Contact Point



APRE

(Agency for the Promotion of EU Research)

FP7-PEOPLE-2012-ITN

- **Publication Dates: 20 July 2011**
- **Deadline: 12 January 2012 at 17:00** (Brussels local time)
- **Budget: 426.6 ML Euro**



[INITIAL TRAINING NETWORKS]

Policy context

Innovation Union



- Attract and train young people to become researchers
- Improve quality of doctoral training
- Involve businesses in doctoral training

- Promote researchers mobility across sectors, countries and disciplines
- Attractiveness of European universities
- Stronger links between education, research and innovation

← **Youth on the move**

The Agenda for New Skills and Jobs



- Equip researchers with relevant skills that will match both public and private sector needs
- Improve career prospects of doctoral candidates

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General structure of ITN 2012

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Doctoral Training



- **Private sector** involvement at the highest possible level in function of the implementation mode and the research discipline
- **New implementation modes:** In 2011, the ITN were implemented as Multi or Mono ITNs. The 2012 Work Programme introduces changes: **Multi-ITNs**, Innovative Doctoral Programme (**IDP**) and a pilot action called European Industrial Doctorates (**EID**).

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Eligible Organisations

- Public or private organisations (e.g. universities, research centres etc.);
- Commercial enterprises, especially those of small and medium size (SMEs);
- Non-profit or charitable organisations (e.g. NGOs, trusts, etc.);
- International European interest organisations (e.g. CERN, EMBL, etc.);
- The Joint Research Centre of the European Commission;
- International organisations (e.g. WHO, UNESCO, etc)

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Participants: full network partners, signatories to the grant agreement. Recruit researchers, provide research & transferable skills training, provide secondment opportunities and receive funding (“**beneficiaries**” or “**level 1**”)

Associated Partners: do not recruit researchers, do not claim costs. Provide transferable skills training and/or secondment opportunities (“**level 2**”)

Early Stage Researcher (ESR): at the time of recruitment, must be in the first 4 years of their research careers (full-time equivalent), and with no doctoral degree awarded yet

Experienced Researcher (ER): at the time of recruitment, doctoral degree (or at least 4 years research experience), and less than 5 years of research experience

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Minimum Country Participation in an ITN

Composition



No. of Partners	Multi-Partner ITN	EID	IDP
Level 1	3 minimum	2	1
Level 2	Unlimited	Unlimited	Unlimited

Type of ITN	Country of participant(s)
Multi-Partner ITN	<p>Minimum: 3 different countries: MS or AC</p> <p>Additional participants: from anywhere in the world (MS, AC, OTC*)</p> <p>*However, participants from non-ICPC OTCs can only be funded if this is provided for in a special agreement between the country and the EU, or in exceptional cases if such funding is essential for the training programme.</p>
European Industrial Doctorates	2 countries: MS or AC
Innovative Doctoral Programmes	1 country: MS or AC

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Activities		Network Status	Recruitment of Researchers	Training and / or Hosting of Seconded Researchers	Participation in Supervisory Board
Level 1		Participant	X	X	X
Level 2		Associated Partner		X	X

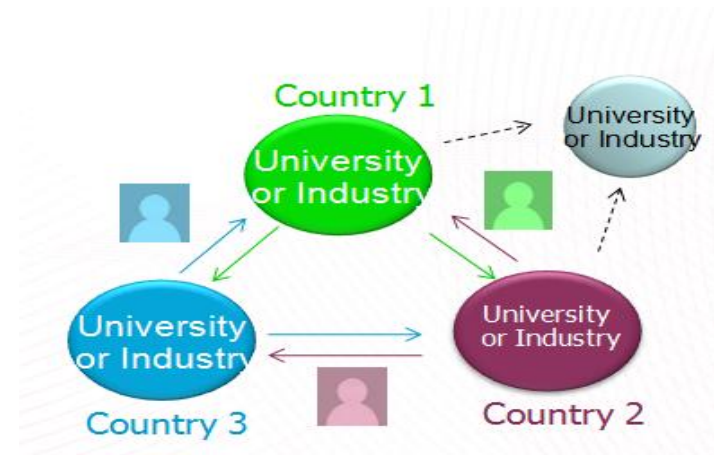
The overall EU contribution per grant agreement will be limited to the recruitment of a maximum of:

- 500 researcher months for Multi-Partner ITNs and IDPs
- 180 researcher months for EID

Researchers can be of **any nationality....**
but EU researchers come first!!!

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Multi-ITNs

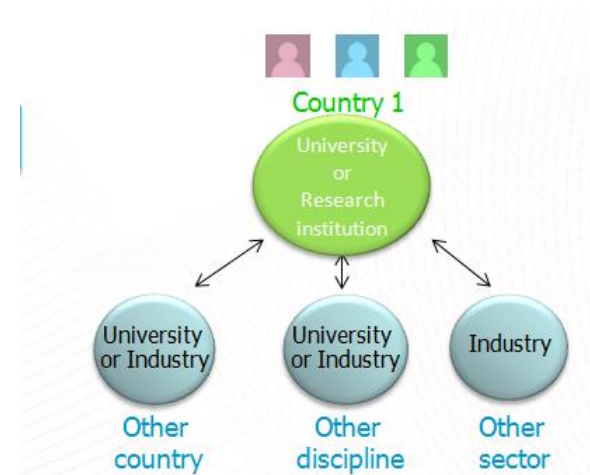


- At least 3 participants from 3 different MS/AC+ associated partners,
- Network of participants from different countries, sectors and disciplines
- Short-term secondments of ESRs/ERs welcome (max 20%)
- Networking activities
- Equip ESRs with innovative skills (scientific and transversal skills)

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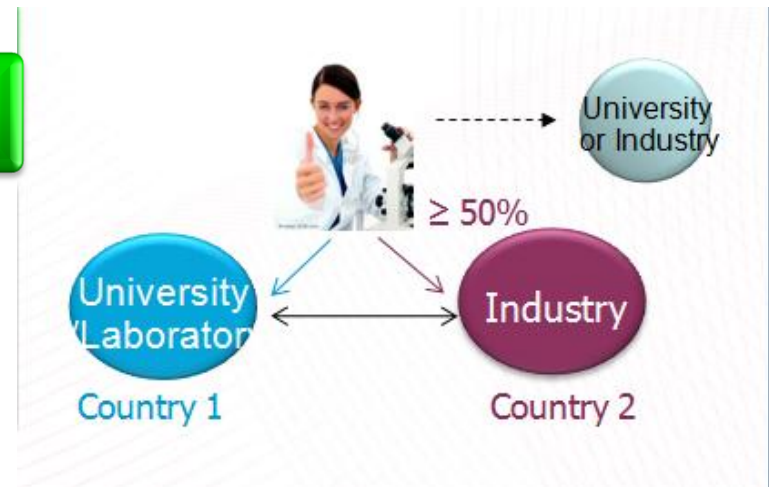
Innovative Doctoral Programmes

- 1 participant (MS/AC)
- Associated partners from any country, sector and discipline
- Innovative training programme: intersectoral, international, interdisciplinary
- Equip doctoral candidates with innovative skills (scientific and transversal skills)
- Quality and quantity of supervision of doctoral candidates



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European Industrial Doctorates



- Involve companies in doctoral training
- Develop innovative aptitudes and entrepreneurial mindsets
- Improve the employability and career perspectives of doctorate holders
- Strengthen the cooperation between universities and companies
- Enhance the research potential and competitiveness of European companies and SMEs
- **Consortium agreement mandatory**

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Overview of implementation modes

	Multi-ITN	IDP	EID
Partners level-1	3 minimum 3 diff. MS/AC	1 any MS/AC	2 2 diff. MS/AC
Partners level-2	unlimited (any country/sector/disc.)	unlimited (any country/sector/disc.)	unlimited (any country/sector/disc.)
Private sector involvement	highest possible level (partners level 1 and 2)	expected via associated partners	1 partner level 1 + associated partners
Eligible researchers	ESR (3-36 months) ER (3-24 months) \leq 20%	ESR (3- <u>36</u> months)	ESR (3- <u>36</u> months)
PhD enrolment	typically expected (ESR)	mandatory	mandatory
Intersectoral aspects	secondments encouraged (\leq 30%)	secondments encouraged (\leq 30%)	\geq 50% in private sector
Res. months	500 max	500 max	180 max
Budget/country	40% max to 1 country	n/a	n/a
Panels and ranking lists	8 ranking lists (corresponding to scientific panels CHE, ECO, ENG, ENV, LIF, MAT, PHY, SOC)		EID ranking list (20M€ earmarked)

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Financial regime

Category 1: Monthly Living Allowance

- **€38,000** gross salary per ESR / year x country coefficient
- **€58,500** gross salary per ER / year x country coefficient

Category 2: Mobility Allowance

- €1,000 – €700 (family or not) per researcher month x country coefficient
- Flat-rate cost category

Category 3: Contribution to Training & Research Costs

- €1,800 per researcher month (Multi-ITN)
- €1,200 per researcher month (EID and IDP)
- Flat-rate cost category

Category 4: Management Activities

- Maximum 10% of total EU contribution (i.e. 10% of C1+C2+C3+C4+C5)
- Real costs category

Category 5: Overheads

- 10% of direct costs (i.e. 10% of C1+C2+C3+C4)
- Flat-rate cost category

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Financial regime – EID example

Number of researchers 5

Country Coeff-PT 85

Country Coeff-SI 89,6

1- Researchers employed by both participants

Participant	% spent in each sector	researcher-months	Cost Categories					Total
			1-salary	2-mobility	3-training	4-management	5-overheads	
Public - PT	50%	90	242.250	53.550	108.000	49.353	45.315	498.469
Private - SI	50%	90	255.360	56.448	108.000	51.310	47.112	518.230
Total	100%	180	497.610	109.998	216.000	100.663	92.427	1.016.698

2- Researchers employed only by one participant and seconded to the other one

Participant	% spent in each sector	researcher-months	Cost Categories					Total
			1	2	3	4	5	
Public - PT	50%	180	484.500	107.100	216.000	49.353	85.695	942.649
Private - SI	50%	0	0	0	0	49.353	4.935	54.289
Total	100%	180	484.500	107.100	216.000	98.707	90.631	996.937

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ITN 2010

Main list 63 projects negotiated

All signed

Reserve list 7 projects in nego

3 to PC + 4 on-going

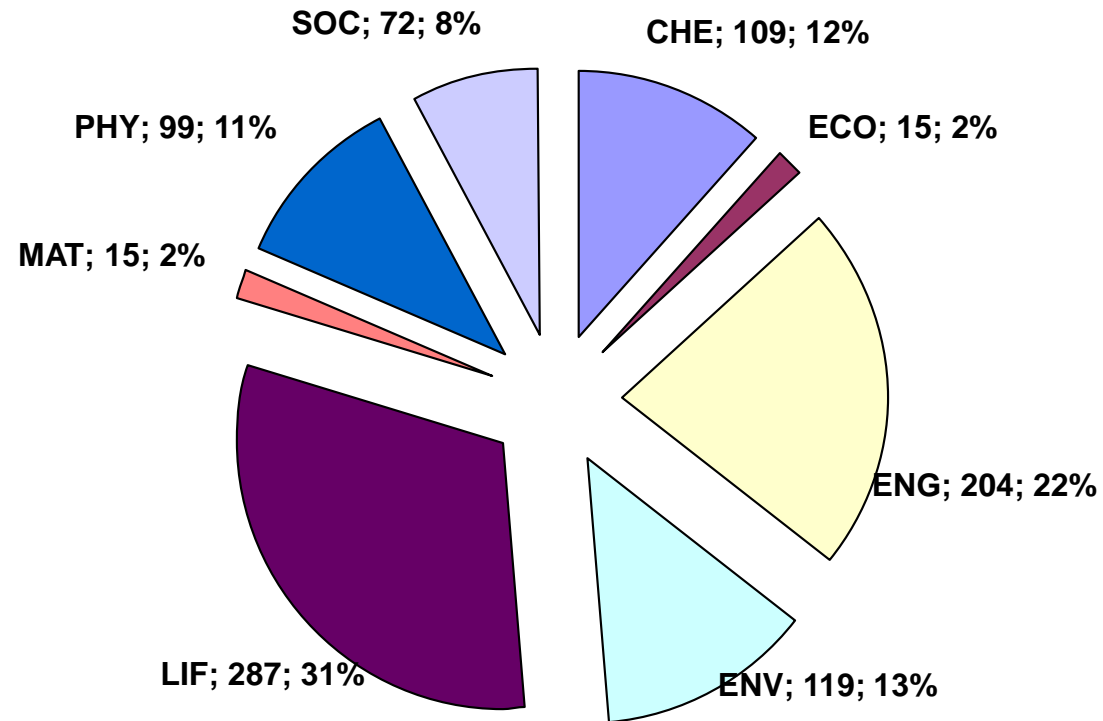
Panel	Main list	Reserve in nego	Negotiated Budget (in kEUR)
CHE	7	1	27.418
ECO	1	1	2.996
ENG	14	1	55.053
ENV	7	1	25.804
LIF	19	1	64.901
MAT	1	0	5.701
PHY	8	2	33.028
SOC	6	0	20.725
Total	63	7	235.626

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ITN 2011

ITN 2011

- Publication 20/07/2010
- Closure 26/01/2011
- 919 submitted proposals
- 393 resubmissions (43%)
- 287 experts used



- Budget 318.41 million Euro (~ 80-90 funded projects)

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ITN 2011

Number of eligible proposals

Panel	2010		2011	
CHE	100	12%	108	13%
ECO	18	2%	15	2%
ENG	199	23%	204	24%
ENV	95	11%	119	14%
LIF	230	27%	287	33%
MAT	12	1%	15	2%
PHY	126	15%	99	12%
SOC	77	9%	72	8%
Total	857	100%	919	107%

Number of participants

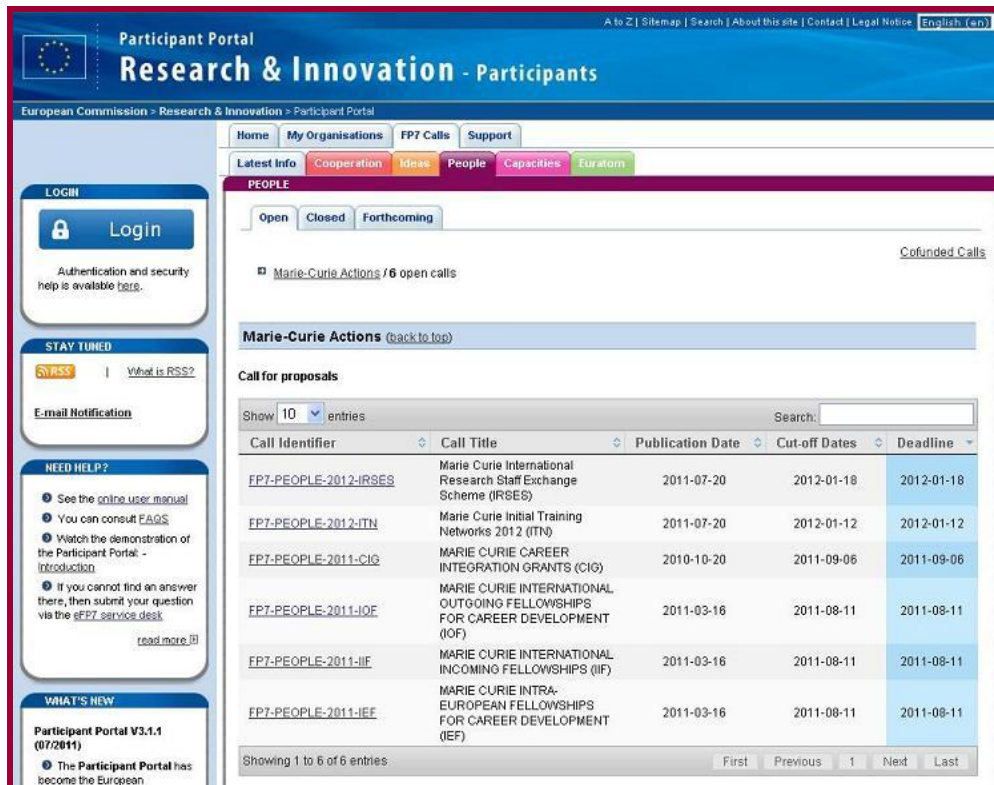
	2010		2011	
Total	7724	100%	~ 8190	100%
Private	1901	25%	~ 2350	29%
SMEs	981	13%	~ 1160	14%

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Part 2

HOW TO APPLY?

Call published on the **Research Participant Portal** <http://ec.europa.eu/research/participants/portal/>



The screenshot shows the 'Participant Portal' for 'Research & Innovation - Participants'. The main content area is titled 'PEOPLE' and displays a list of 'Marie-Curie Actions' calls for proposals. The table below summarizes the visible entries:

Call Identifier	Call Title	Publication Date	Cut-off Dates	Deadline
FP7-PEOPLE-2012-IRSES	Marie Curie International Research Staff Exchange Scheme (IRSES)	2011-07-20	2012-01-18	2012-01-18
FP7-PEOPLE-2012-ITN	Marie Curie Initial Training Networks 2012 (ITN)	2011-07-20	2012-01-12	2012-01-12
FP7-PEOPLE-2011-CIG	MARIE CURIE CAREER INTEGRATION GRANTS (CIG)	2010-10-20	2011-09-06	2011-09-06
FP7-PEOPLE-2011-IOF	MARIE CURIE INTERNATIONAL OUTGOING FELLOWSHIPS FOR CAREER DEVELOPMENT (IOF)	2011-03-16	2011-08-11	2011-08-11
FP7-PEOPLE-2011-IF	MARIE CURIE INTERNATIONAL INCOMING FELLOWSHIPS (IF)	2011-03-16	2011-08-11	2011-08-11
FP7-PEOPLE-2011-IEF	MARIE CURIE INTRA-EUROPEAN FELLOWSHIPS FOR CAREER DEVELOPMENT (IEF)	2011-03-16	2011-08-11	2011-08-11

- Publication of FP7 calls officially switched from CORDIS to the Research Participant Portal.

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Essential reading

- PEOPLE Work Programme 2012
- Guide for applicants
 - Common part
 - Ethics part
 - Specific part

EPSS (Electronic Proposal Submission Service)

- Direct link from the Call Page
- Part A
 - A1: General information on the proposal
 - A2: Info on participants
 - A4: Requested fellows
 - A5: Info on associated partners
- Part B Description of the action (submit as PDF)

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Proposal Submission Forms



Research Executive Agency

7th Framework Programme on
Research, Technological
Development and Demonstration

Marie Curie Actions
Initial Training Networks (ITN)

A1

<i>Proposal Number</i>	<i>Proposal Acronym</i>		
GENERAL INFORMATION ON THE PROPOSAL			
<i>Proposal Title</i>			
<i>Marie Curie Action Code</i>		<i>Scientific Panel</i>	
<i>Total duration (months)</i>		<i>Call identifier</i>	
<i>Please indicate the type of network of your proposal</i>			
<input type="text"/>			
<i>Free keywords (up to 200 characters)</i>	<i>Abstract (up to 2000 characters)</i>		

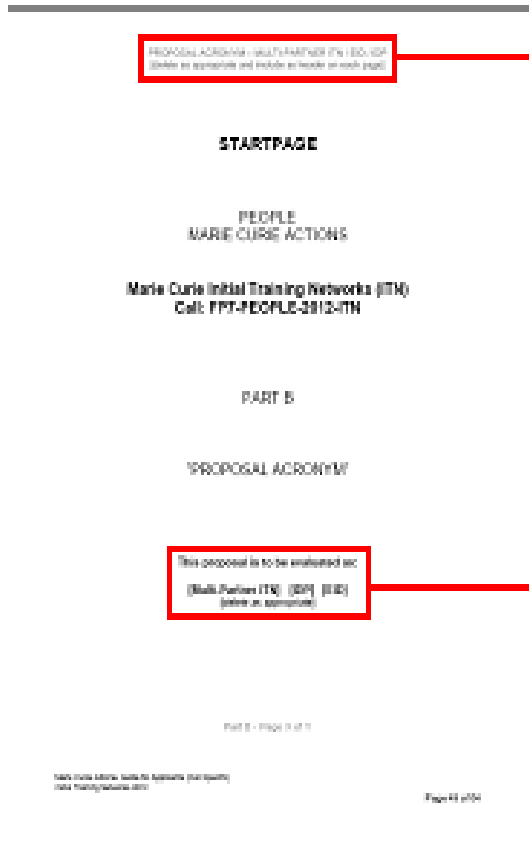
Drop-down list. Select the relevant implementation mode among:

- **Multi-partner ITNs (ITN) - at least 3 participants**
- **European Industrial Doctorates (EID) - 2 participants**
- **Innovative Doctoral Programmes (IDP) - sole participant**

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Flag mode in Part B

Part B



PROPOSAL ACRONYM – MULTI-PARTNER ITN / EID / IDP
 [delete as appropriate and include as header on each page]

This proposal is to be evaluated as:

[Multi-Partner ITN] [IDP] [EID]
[delete as appropriate]

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Tips to applicants

Page limit

- **Must be respected**
- **Evaluators will disregard any excess pages in each section for which a maximum number of pages is indicated**
- **Page limits clearly indicated in the Guides for Applicants:**

B.1	LIST OF PARTICIPANTS	
		START PAGE COUNT
B.2	S&T QUALITY (maximum 8 pages)	
B.3	TRAINING (maximum 10 pages)	
B.4	IMPLEMENTATION (maximum 8 pages)	
B.5	IMPACT (maximum 4 pages)	
		STOP PAGE COUNT
B.6	ETHICAL ASPECTS	
B.7	CAPACITIES OF THE HOST	
B.8	GANTT CHART	
B.9	LETTERS OF COMMITMENT	

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2012 S&T Quality

S&T objectives of the research programme, including in terms of inter/multi-disciplinary, intersectoral and/ or newly emerging supra-disciplinary fields.

Scientific quality of the research **training** programme.

Where relevant, appropriateness of research methodology and approach.

Originality and innovative aspect of the **research training** programme.

Contribution of the private sector and, where relevant, other socio-economic actors in the research programme

2012 Training

Quality of the training programme.

- Contribution and relevance to the training programme of the private sector and, where appropriate, of other socio-economic actors.
- Transferable skills offered: entrepreneurship, management, communication, **standardisation**, management of IPR, ethics, grant writing, take up and exploitation of results, research policy, etc.

- **Quality of supervision** *

Importance and timeliness of the training needs (e.g. multidisciplinary, intersectoral, and newly emerging supra-disciplinary fields)

Appropriateness of the size of the requested training programme with respect to the capacity of the host

a) For ITNs and IDPs: Meaningful exposure of each researcher to another sector, in particular through secondments.

b) For EIDs: **Appropriate time spent by the ESR in each sector.**

a) For ITNs and IDPs: Adequate combination of local specialist training with network-wide training activities.

b) For EIDs: **Adequate supervision arrangements and combination of local specialist training with wide training activities**

Evaluation Criteria

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2012 Implementation

Capacities (expertise / human resources, **especially regarding supervision**/ facilities / infrastructures/private sector involvement) to achieve the research training programme and access of fellows to these resources. Adequacy of task distribution and schedule.

Adequate exploitation of complementarities and synergies among partners in terms of research and training, including well targeted secondments to the private sector and to other socio-economic actors where relevant.

Private sector involvement at the highest possible level appropriate to the research topic, and sufficient evidence of commitment.

How essential is non-ICPC Third Country funding, if any, to the objectives of the research training programme.

Networking and dissemination of best practice among partners. **Where appropriate**, clarity of the plan for organizing training events (e.g. workshops, conferences, training courses).

2012 Impact

Contribution of the proposed training programme to: *

- structure training at doctoral level with the acquisition of key skills needed in both the public and private sectors;
- improve career prospects and employability of researchers, including ERs where appropriate;
- stimulate creativity and entrepreneurial mindset of researchers at doctoral level.

Contribution of the training programme to the policy objective of structuring the initial research training capacity at European level (through establishing longer term collaborations and /or lasting structured training programmes between the partners' organisations).

The contribution of the training programme towards the policy objective of enhancing public-private sector collaborations in terms of research training.

Where appropriate, mutual recognition by all partners of the training acquired, including training periods in the private sector. *

Where appropriate, plans for exploitation of results.

Impact of the proposed outreach activities.*

ITN thresholds and weightings

Evaluation Criterion	Weighting (in %)	Threshold	Priority in case of <i>ex aequo</i>
S&T Quality	30	3	3
Training	30	4	1
Implementation	20	3	4
Impact	20	4	2

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IAPP, Industry-Academia Partnerships & Pathways

are partnerships between public and private research organisations based on a common research project and aim to increase exchange of skills between the two sectors.

Duration

The duration of the programme is normally 4 years

Participant rules

- At least 1 partner from industry and 1 partner from public sector
- Located in at least 2 different MS/AC

Size

There is no pre-defined maximum number of participants.

Under similar schemes in the past the most common number of participants was 2-3 and the largest projects ranged from 5 to 7 participants.



IAPP: what does the funding cover?

Successful IAPP project proposals receive 100% funding for labour costs.

Support will be provided for:

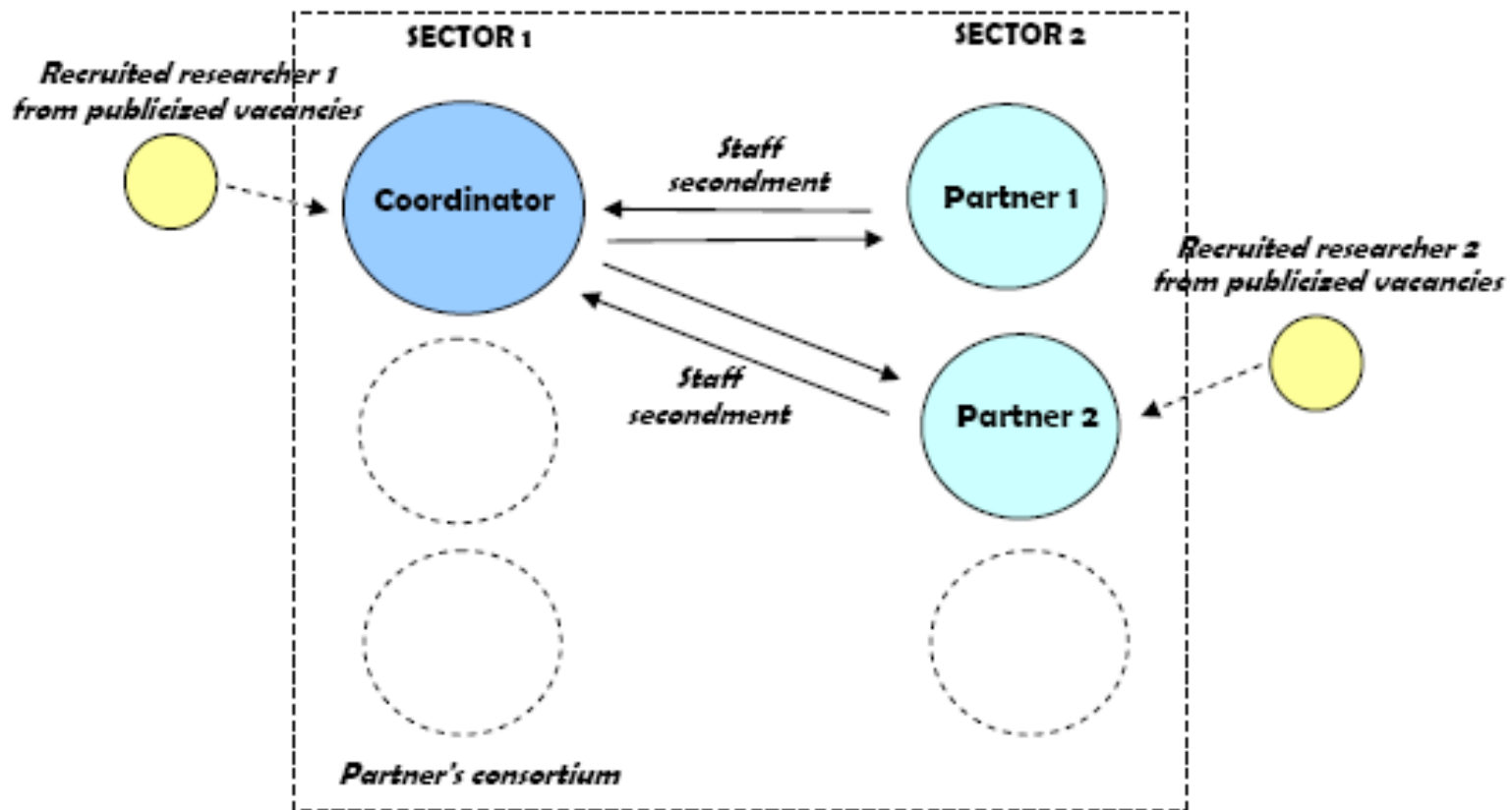
- Exchange of know-how and experience through inter-sector two-ways secondments of research staff of the participants;
- Research and Networking activities;

optionally:

- Recruitment of experienced researchers from outside the partnership, for involvement in transfer of knowledge and/or training of researchers;
- Organisation of workshops and conferences, involving the participants' own research staff and external researchers
- **For SMEs:** research equipment (up to 10% of the EC contribution for each SME participant) on a duly justified basis

Private sector partners must be **organisations operating on a commercial basis**, i.e. companies gaining the majority of their revenue through competitive means with exposure to commercial markets, including incubators, start-ups and spin-offs, venture capital companies, etc. They may range in size from the smallest micro-companies with a research capability to very large multinational enterprises.

- Commercial enterprises (those of small and medium size/SMEs, spin offs, start ups are particularly encouraged)
- National organisations (if operating on a commercial basis);



The aims of recruitment is to bring new knowledge into the host organisation in order to benefit both local staff development and the IAPP research project.

NB: All staff exchanges mainly between the public and private sectors

IRSES (International Research Staff Exchange Scheme)

Participants rules

- **At least 2 independent research organisations in two different MS/AC**
- **One or more organisations in THIRD COUNTRY**
- **Additional partners from any sector and from any other country welcome**
- **Joint multi-annual programmes of 24-48 months**

Eligible researchers :

- **Research staff mainly, but also technical and management staff**
- **Min. 1 month - max. 12 months/researcher**
- **Staff is seconded (not recruited)**



Only for experienced researchers

Multi-annual proposals for new or existing regional, national or international projects to be co-funded (community contribution 40%)

Public authorities and large research centers

3 types of trans-national mobility: outgoing, incoming, re-integration

Maximum budget: 10 Ml for a single applicant

Duration: up to 60 months

- This action is addressed to organisations that finance and manage fellowship programmes. Participants will submit multi-annual proposals for new or existing regional, national or international programmes to be co-funded by the European Commission
- Regional, national and international programmes are eligible
- Eligible organisations are public bodies (ministries, regions) or large research organisations
- **Existing** or **new programmes** based on individual-driven mobility (each programme must have individual fellows, duration fellowship 1-2 years)
- For existing programmes, the scheme can be used either to increase number of fellows or to improve their working conditions (i.e. salaries and/or social security contributions)
- Programmes must be based on open, based-merit competition and international peer review

[COFUND]

- Researchers can be only **experienced**
- Must be an **employment contract**, even when programmes provide just a research grant to fellows
- **Labelling**: researchers are MC fellows!
- Duration **24-60** months (increased!)
- Max EC contribution per organisation is **10 ml Euro** (increased from 5 ML); in any case **40% of EC co-funding**
- Existing and new fellowships are evaluated **separately**
- A new version of the **COFUND Portal** will be launched shortly! It will also have a user-friendly database for existing COFUND opportunities

[COFUND]

Thank you!!

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