

Industry-Academia Partnerships & Pathways 2012

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Marie Curie National Contact Point

Marie Curie Actions = People Programme



Marie Curie Actions, an Irish Success Story



€362 million

- Ireland's "Take" from FP7 to-date

€51 million

- Portion of this secured via Marie Curie (2nd-Largest FP7 Income-Stream)

€10 million

- MC Co-funding secured to boost national R&D budgets

211

- Irish Marie Curie Actions funded

55

- Irish Participants in Marie Curie IAPPs

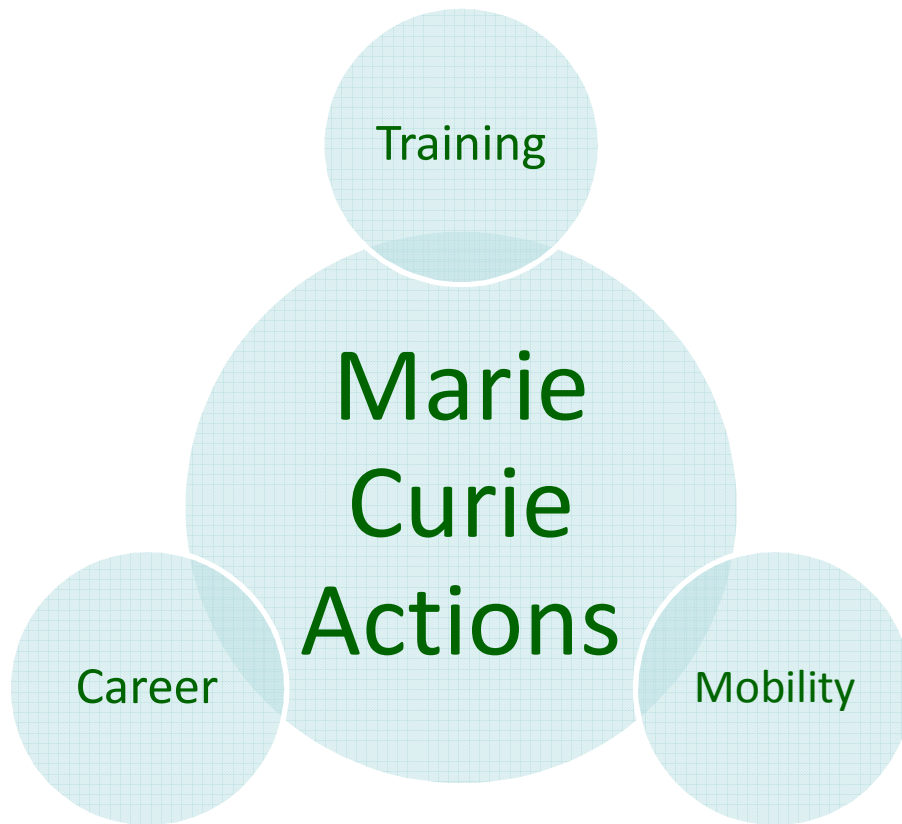
800

- Research Posts created in Academia and Industry by MC Funding



What are the Marie Curie Actions?





- Knowledge Transfer
 - International & Inter-Sectoral Cooperation
- Intellectual Capital
 - Enter the Researcher Profession
 - Stay in Europe
 - Attracting international researchers

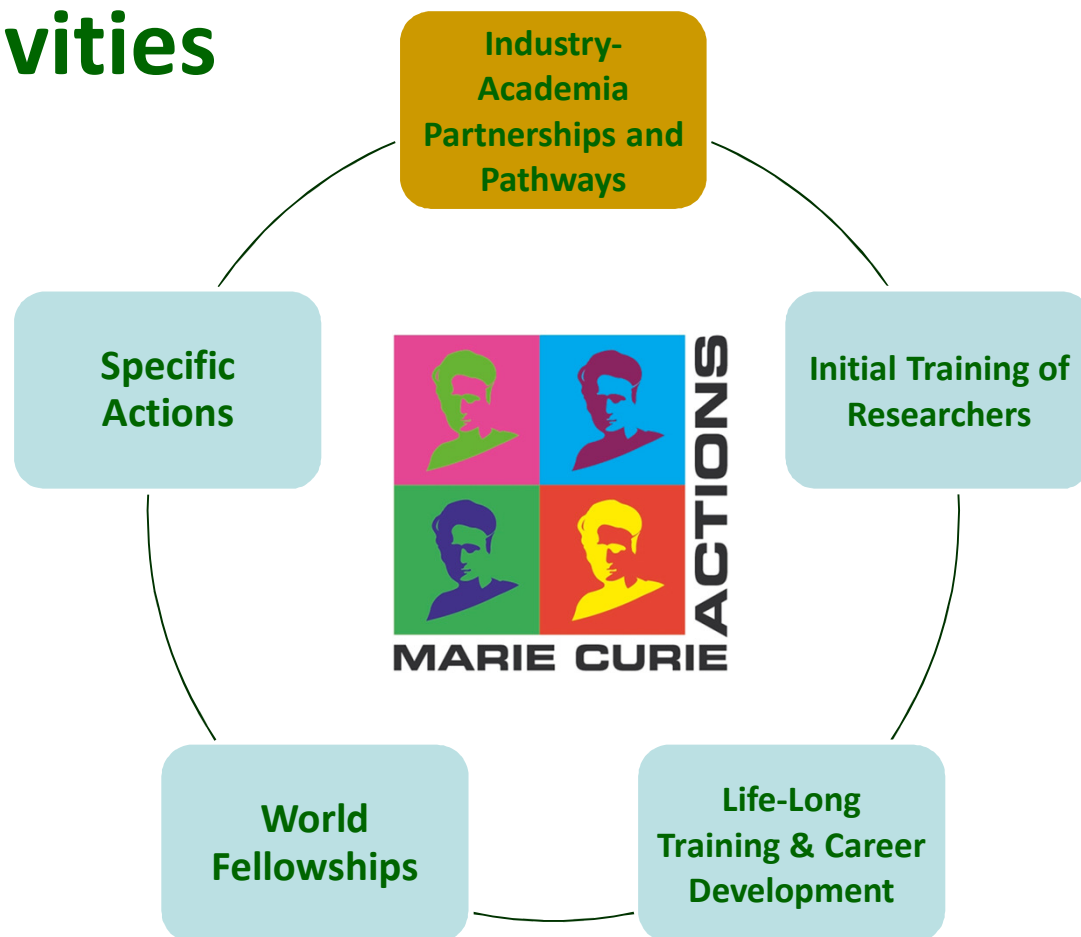
“Bottom-Up”

- Chemistry
- Physics
- Mathematics
- Life Sciences
- Economic Sciences
- ICT and Engineering
- Social Sciences & Humanities
- Earth & Environmental Sciences



- Applications are assessed in these 8 Panels
- Call success rate is equalised across the Panels

Five Activities



IAPP: Industry-Academia Partnerships and Pathways



Enhancing Industry-Academia Collaboration

- Exchange of knowledge via exchange of people
- Building diverse research careers

Facts and Figures

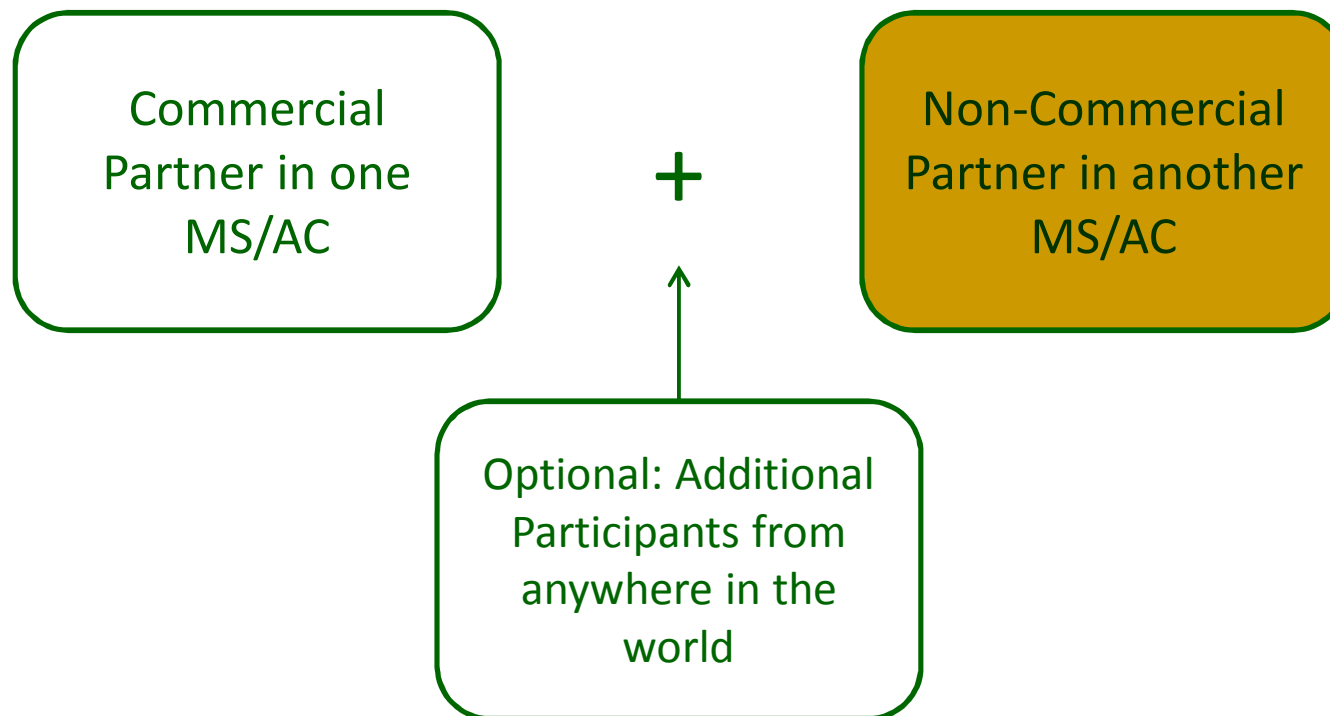
Next Deadline
19th April 2012

Budget 80 M€

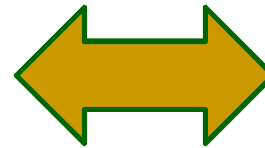
Project Duration
3 – 4 years

Typical Project
Budget
0.5 – 2 M€

How does it work?



“MedCast”



- Aim: “Development of foundry casting methods for cost-effective manufacture of medical implants”
- Funding: 1.5 M€ for 4 years
- Partners: 2 partners in 2 countries (one MNC, one academic)

“TARGET-MELANOMA”

- Aim: Focus on harnessing of high-throughput approaches to identify and validate new melanoma biomarkers
- Funding: 1.7 M€ over 4 years
- Partners: 9 partners from 5 countries
 - **4 SMEs** (all based in Ireland)
 - 5 academic institutions



“TFE – Task Furniture in Education”

- Aim: Creating innovative design solutions for learning environments
- Funding: 0.48 M€ over 4 years
- Partners: 6 partners from 4 countries
 - 3 commercial partners
 - 3 academic institutions (2 in Ireland)



www.tferesearch.com

Partners

Academic

1. **NCAD, Ireland**
2. **Trinity College Dublin, Ireland**
3. **Escola Superior de Artes e Design, Spain**

Commercial

4. **Federal Association for Entertainment and Physical Activity** (Bundesarbeitsgemein-schaft für Haltungs- und Bewegungs-förderung e.V.), Germany
5. **United Specialty Furniture Factories** (VS Vereinigte Spezialmöbelfabriken GmbH & Co. KG), Germany
6. **Fielding Nair International, USA**

Benefits of IAPPs



- Knowledge Transfer
 - Exchange of experienced staff
- Opportunity to hire new research staff
- Exchange costs are fully covered
 - e.g. salary, travel, research costs
- Small consortium (can be just 2 partners)
 - Easy to manage
- Opportunity for cross-border collaboration
 - Partner with HEI or Industry in NI
 - InterTradeIreland Europe Board
- Call has high success rates
 - Ireland and UK have excellent track record



IAPP Statistics

	2007	2008	2009	2011
Submitted	103 (0!!)*	141 (9)	358 (21)	165 (13)
Evaluated	102	141 (9)	356 (21)	160 (13)
Selected	41	51 (6)	59 (10)	51 (6)
Budget	M€ 38.5	M€ 45	M€ 65	M€ 80
Success rate	40 %	36 % (66%)	16.6 % (48%)	32% (46%)
*Ireland in brackets				

IAPP Activities



- Joint Research Project
- Training
 - Workshops
 - Networking Activities
 - Option to include external participants
- Compulsory ***Inter-Sectoral*** Secondment (two-way, 50/50 split)
 - Existing Staff
- Optional Recruitment (to add new expertise)
 - *Experienced Researchers**

* A person who at the time of recruitment either holds a PhD or a Degree plus 4 years of research experience (the degree which would allow you to begin PhD studies in either the country in which the degree was awarded or the country where the host which employs you is located)



IAPP Eligible Staff



Secondment (2-24 months) – knowledge transfer

- Masters/PhD students
- Experienced researchers (PhD or Bachelors + 4 years)
- Technical / Research Management Staff
- Must be staff members for at least 12 months before secondment
- Reintegration into the home institution for at least 1 year
- No nationality/residency restrictions

Recruitment (12-24 months) – adding new expertise

- *Experienced Researchers* from any country
- Must meet the MC **Mobility Rule** (not resided or having main activity in country of host for >12 months before recruitment)
- Hosts in ICPC or OTC can only recruit MS or AC nationals
- Recruitment can only be 50% of researcher months



What does the EU funding cover?



Personnel Costs

- Living Allowance*
 - Students €38k p.a.
 - Researchers €58k p.a.
 - Researchers with > 10 years experience €87.5k p.a.
- Mobility & Travel Allowance*
 - €700 per month or
 - €1000 per month

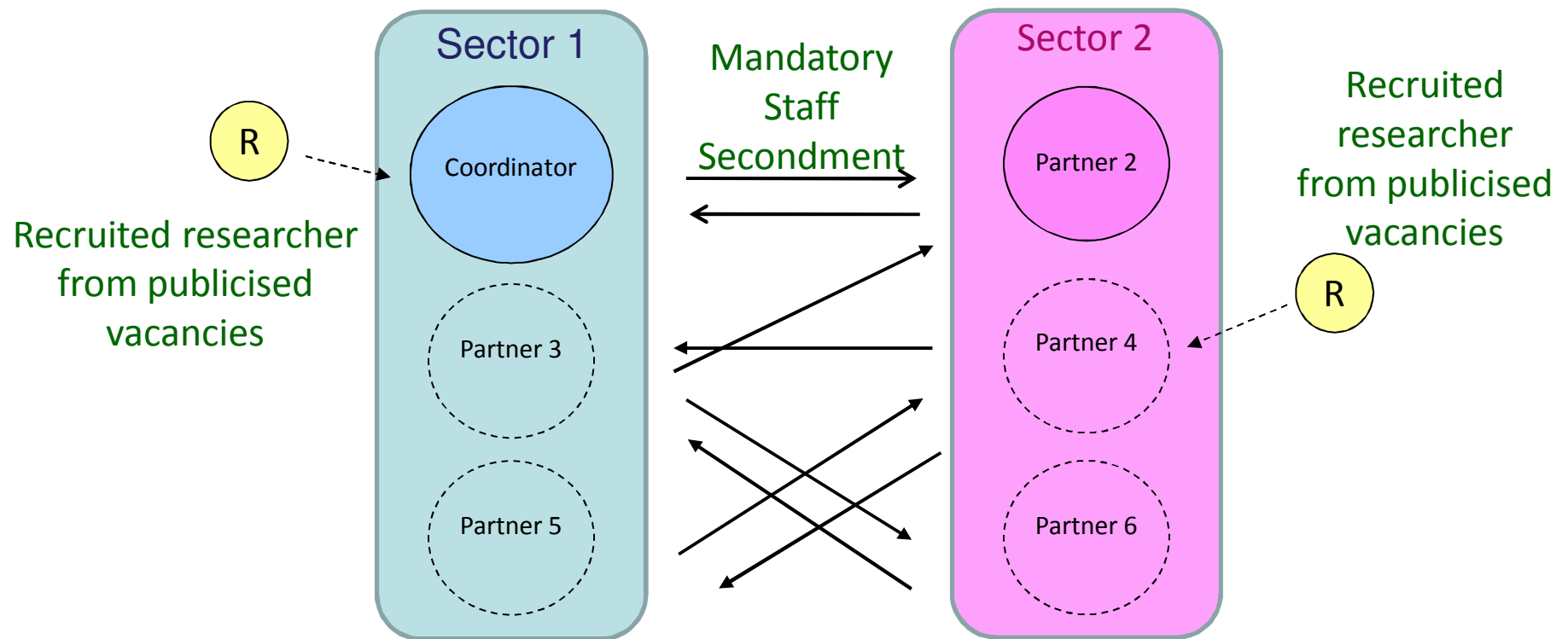
Additional Costs

- Research/Training/Networking Costs
 - €1800 per researcher per month
- Small equipment expenses for SMEs
 - Max. 10% of total contribution to SME
- Overheads
 - 10% of direct costs
- Management Costs
 - Max. 10% of total

***Correction Coefficients apply; IE = 109.1. For seconded staff, costs are only covered whilst staff are actually on secondment**



COMPOSITION OF A CONSORTIUM



IAPP Secondment Rules



(Secondments are Expressed in terms of “Researcher Months”)

- Secondments from 2 – 24 months (can be “split-stays”)
- Secondments must be inter-sectoral
- Secondments must be 2-way (50/50 split is ideal)
- 70% of secondment months must also be international (30% can be intra-national, as long as they are inter-sectoral)
- Secondments must be 50% of total Researcher Months
- Staff must be active at their institution for at least 1 year before secondment
- Staff must be reintegrated into their institution for at least 1 year after secondment*

* For the 2013 Call, the EC proposes to relax this rule: staff must be reintegrated into their institution for the same duration as their secondment period.



Getting Started



Preparing to Write

- Download the call documents from the Participant Portal*
 - 2012 Work Programme
 - Guide for Applicants
- Read them from cover to cover!
 1. Key Points (p. 24 of GfA)
 2. Evaluation Criteria (p. 30 of GfA)
 3. Overall objective of the Action (p.5 of GfA and 2012 Work Programme)
- Sort out Intellectual Property

Preparing to Submit (Electronic)

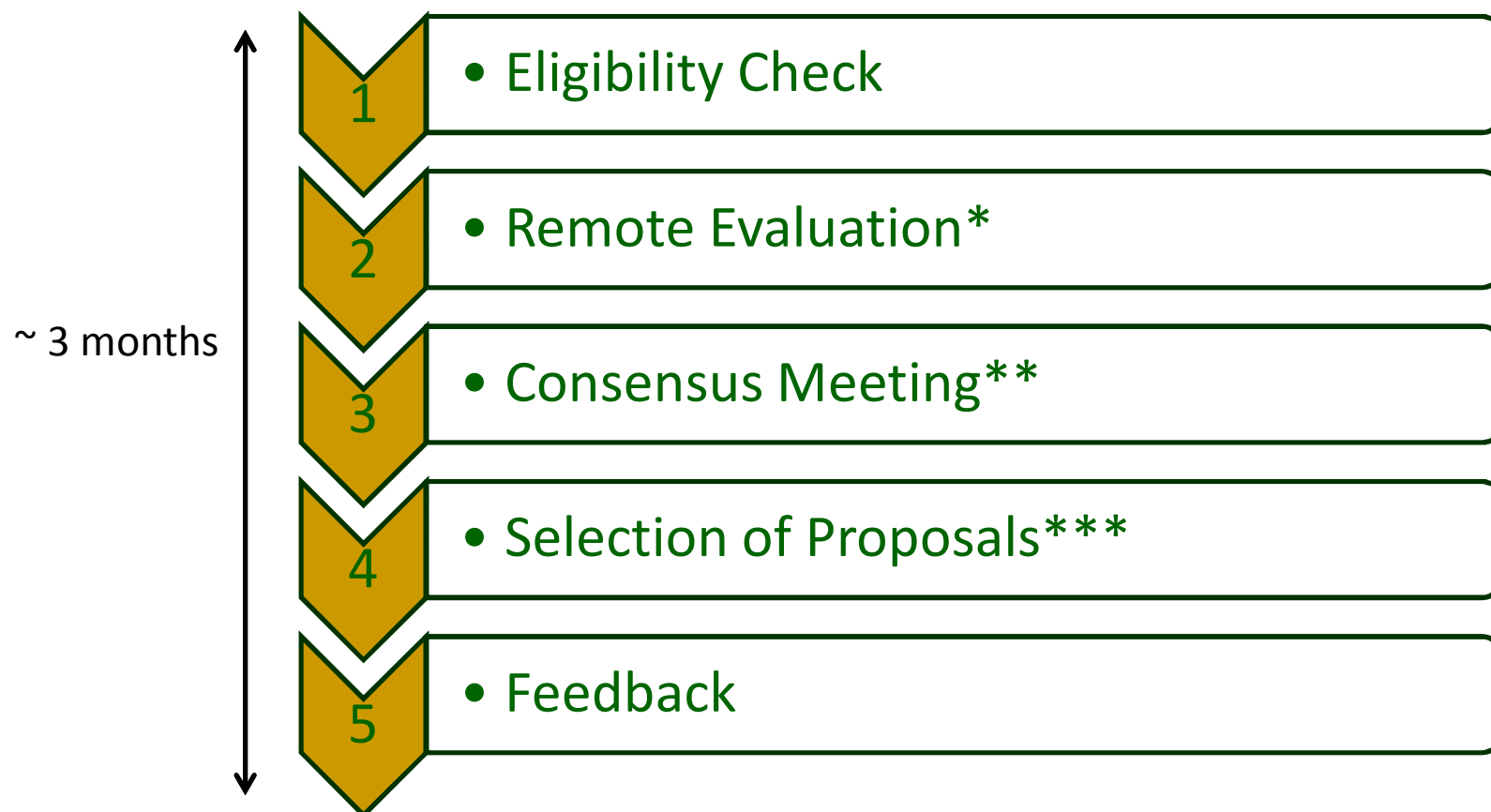
- Electronic Proposal Submission Service (EPSS)
- Ensure all partners have a Participant Identification Code (PIC)
 - Not essential but speeds up Negotiation if awarded
- Commercial coordinators will need to check their financial viability**
- The co-ordinator should register with EPSS for the IAPP 2012 Call
- The deadline is 17:00 **Brussels time!**

* <http://ec.europa.eu/research/participants/portal/page/people>

** <ftp://ftp.cordis.europa.eu/pub/fp7/docs/financial-viability-checktool-v3.xls>



Evaluation Process



* Evaluated by at least 3 international experts

** A sub-group of remote evaluators

*** Success rates equalised across the 8 panels

Proposal Content

Part A
(Administrative)

Part B
(Proposal)

Part A - Administrative Forms

- Prepared electronically within EPSS system

Form	Content	Completed By
A1	“Snapshot of Proposal”	Coordinator
A2	Partner Information	One per Network Partner (including the Coordinator)
A4	Funding Requested	Coordinator

Proposal Part B Content

B1

- List of Participants

B2

- Scientific and Technological Quality

B3

- Transfer of Knowledge

B4

- Implementation

B5

- Impact

B6

- Ethics Issues (Table)

B7

- Capacities of the Host (Table)

Evaluation Criteria



Criterion	Threshold (Marks out of 5)	Weighting	Priority (ex-aequo)
Transfer of Knowledge	3	30%	1
S&T Quality	3	25%	2
Impact	3	25%	3
Implementation	3	20%	4

Overall threshold of 70%



S&T Quality	Transfer of Knowledge	Implementation	Impact
Quality of S&T Objectives	Quality of ToK programme	Capacity to implement	Potential to develop a long-term partnership
Scientific Quality	Importance of ToK in terms of inter-sectoral issues	Exploiting synergies	Dissemination/ Exploitation Strategy
Research Methodology	Role of researchers in ToK	Management Plans*	Impact on innovation in Europe
Originality and Innovation		(How essential is Third Country Participation)	Outreach Activities*
		(SME: infrastructure)	Knowledge-Sharing

* To be evaluated in light of the “Charter and Code”



“Charter & Code”

- 40 principles
- **Charter:** framework for career management for researchers
- **Code:** promotes open and transparent recruitment and appraisal

<http://ec.europa.eu/euraxess/index.cfm/rights/index>

Human Resources Strategy for Researchers

- “Next-step” - encourage mainstreaming of C&C in research entities’ policies
- 5-Step Procedure
- Results in Commission acknowledgment (permission to use HR Excellence logo)
- Irish HEIs taking part to-date are UCD, RCSI, UCC, UL, DCU and WIT



HR EXCELLENCE IN RESEARCH

B6: Ethical Issues

- Ethics is considered essential by the Commission in the research activities that it funds or carries out
- The Commission will not fund:
 1. Research on Human Embryo/Foetus
- In proposals where the following are involved, the Commission may carry out their own ethical review:
 2. Research on Humans
 3. Privacy
 4. Research on Animals
 5. Research Involving Developing Countries
 6. Dual Use (possibly military or terrorist use)
- Every funding application must include a completed **Ethical Issues Table**
 - The table is divided into sections using the 6 headings above
- Indicating ethical issues in the table does not automatically lead to an ethical review – it helps the Evaluators to decide if one is needed

Hints for a successful proposal



- **Follow the Guide for Applicants** - address **all issues** mentioned in the explanatory notes
- Make life easy for the Evaluators - stick to the proposal structure suggested in the Guide for Applicants. Can download a template inside the EPSS system.
- Use standard “Work Packages” approach to structure the project. Use the template tables provided.
- Be concise and observe the page limit: **30 pages** (11pt, at least 15mm margins on all sides) **excluding**:
 - Start & end pages
 - Table of contents
 - *Tables detailing capacities of each partner*
 - Ethical issues section
 - Letters of commitment from Associated Partners



Hints for a successful proposal



- Pay attention to the “Policy Context” of Marie Curie (2012 Work Programme and the opening pages of GfA)
- Don’t ignore complementary skills training – if your host has this training “in-house”, say so! Ask the HR department.
- Has your host endorsed the Charter & Code – if yes, say so!
 - List at <http://ec.europa.eu/euraxess/index.cfm/rights/charterAndCode>
- Is your host working towards earning the “**HR Excellence in Research**” logo? If yes, say so!
 - See slide 32 for details of Irish HEIs currently participating. Note, this list is not exhaustive – ask your host if they are participating.



Hints for a successful proposal



- Get a colleague to read through your proposal and do a “mock evaluation”
 - Can download a Self-Evaluation Form from the IAPP page on the Participant Portal (Additional Documents)
- If in doubt, ask your Research Officer or National Contact Point for clarification!
- If you want to avail of a pre-submission proposal check by your Research Office, allow enough time for feedback.
- Regularly upload preliminary versions of your proposal, and don't forget to hit “submit”!
- Keep the deadline - **5pm Brussels time means 4pm Irish time!!**



How the MC Office can help

- Keeping you informed
 - Email Distribution List
- Supporting your application
 - Training Webinars for specific Calls
 - Advice on whether your concept ‘fits’ the Call

www.iua.ie
mariecurie@iua.ie

EUROPA - FAQ Page



<http://ec.europa.eu/research/index.cfm?pg=faq>

Search for Marie Curie Actions - IAPP



Marie Curie Calls 2012 Work Programme

Action	Call ID	Opening Date	Closing Date
IAPP Industry –Academia Partnerships and Pathways	FP7-PEOPLE-2012-IAPP	19 October 2011	19 April 2012
IxF Individual Fellowships	FP7-PEOPLE-2012-IEF	13 March 2012	16 August 2012
CIG Career Integration Grants 2nd deadline	FP7-PEOPLE-2012-CIG	20 October 2011	18 September 2012

Marie Curie Calls 2013 Work Programme

(t.b.c. – last Calls in FP7 for these Actions)

Action	Call ID	Opening Date	Closing Date
ITN Initial Training Networks	FP7-PEOPLE-2013-ITN	13 July 2012	22 November 2012
COFUND Co-funding of Regional, National & International Programmes	FP7-PEOPLE-2013 - COFUND	13 July 2012	05 December 2012
IAPP Industry –Academia Partnerships and Pathways	FP7-PEOPLE-2013-IAPP	02 October 2012	15 January 2013

Thank you for your attention!



Irish Universities Association
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Q & A



IRCSET

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People and Ideas*

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for Science, Engineering
and Technology*

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