



# MARIE CURIE ACTIONS

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# MARIE CURIE ACTIONS for an INNOVATIVE EUROPE

Excellence, mobility and skills for researchers



## Towards a smart and knowledge-based society

### Marie Curie Actions for attractive research careers in Europe



- 5 experts meetings:
  - ✓ Industry *Jul 2010*
  - ✓ Cofund *Sept 2010*
  - ✓ EID *Oct 2010*
  - ✓ International *Dec 2010*
  - ✓ Future MCAs *Apr 2011*
- Beneficiaries consultation *Feb-Mar 2011*
- European Business Test Panel *Apr-May 2011*
- On-line CSFRI consultation (Q23) *Feb-May 2011*
- Impact assessment *Mar-Jun 2011*

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## MCA beneficiaries February – March 2011

- 714 replies out of 4000 beneficiaries
- Main reasons to apply to MCAs:  
(considered as important to very important)

- ✓ Establish international research collaborations: 81%
- ✓ Free choice of research topic: 77%
- ✓ Attract excellent researchers: 72%

72% consider Marie Curie fellows have higher careers prospects compared to other researchers

Key aspects of MCAs to be kept in the future:  
(considered as important to very important)

- ✓ Training of ESRs: 89%
- ✓ Career development of ERs: 81%
- ✓ Geographical mobility/International collaboration: 81%
- ✓ Bottom-up approach: 75%

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• Respondents:

**224** businesses

86% less than 50 employees

April – May 2011

- ✓ 88% “researchers should be exposed to a business environment during their training”
- ✓ 69% “interested in training a PhD researcher in collaboration with a university located in a different country”
- ✓ 67% “researchers should spend equal time in academia and in a business during their PhD”
- ✓ 70% “interested in participating in a staff exchange scheme with a university or public research institutions”

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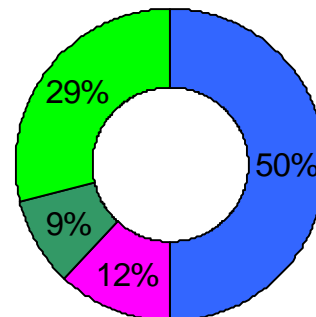


## Green Paper on CSFRI: on-line questionnaire

11 February – 20 May



- ~1300 replies
- 775 position papers



- Research & Higher education
- Private sector
- Government bodies
- Other (associations, interest groups)



## Green Paper on CSFRI: on-line questionnaire

11 February – 20 May

**Q23.** How should the role of Marie Curie Actions be strengthened in promoting researcher mobility and developing attractive careers?

→ 750 replies out of 1290 (58%)

Programme considered as **important to very important** by the respondents to the question:

*ERC: 72%*

*MCA: 70%*

*Infrastructure: 64%*





## Green Paper on CSFRI: position papers

February – May

### *Top 5 more frequent comments on MCAs:*

1. One of the most successful programme, need of a higher budget
2. Knowledge Triangle to be reinforced
3. Worldwide mobility
4. Bottom-up approach
5. Streamlining

'The Marie Curie Actions have been for many years amongst the most popular, competitive and useful EU-funded instruments and their role should be maintained and further enhanced under the next framework programme' (CERN)

'The participation of third countries in mobility measures should continue to be intensified' (German Federal Government)

'The bottom-up approach is a key feature of MCAs that should be maintained ' (Romania)

innovation (Philips)

'The People programme should be simplified and the number of schemes reduced' (EuropeProTon)

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## • MCA for ESRs and innovative doctoral training

- More budget (higher success rate)
- Increase future employers involvement
- Increase support to European doctoral programmes
- Extend co-funding principle



## Green Paper on CSFRI

11 February – 20 May

'The Marie Curie ITN scheme in FP7 has opened a way to train the next generation of scientists in understanding both the academic and business cultures. It can act as a model for universities to develop similar activities' (EARMA)

'EU doctoral programmes must be expanded and better funded' (DFG)

'EUA welcomes the proposed 2 new pilots on EID and IDP, and their potential for adoption as major new initiatives in the CSFRI' (EUA)



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- MCA for ERs and career development:
  - Increase companies involvement:  
temporary postings
  - Support from juniors to seniors
  - Co-funding principle to be maintained

## Green Paper on CSFRI

11 February – 20 May

**'Allowing academic researchers to apply their knowledge on the spot during temporary postings in industry should be stimulated ' (BusinessEurope)**

**'The COFUND programme is an excellent tool for pooling of national and FP resources' (Sweden Research Council)**



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## • MCA for Research Staff Exchange:

- Importance of cross-sector and -border short term exchanges



## Green Paper on CSFRI

11 February – 20 May

**‘MCAs under CSFRI should contain a secondment scheme that will enable short-term secondments to facilitate exchange of know-how’ (EIRO)**

**‘Marie Curie Actions should be continued to foster mobility and temporary exchanges between academia and industry in the future CSFRI’ (Siemens)**



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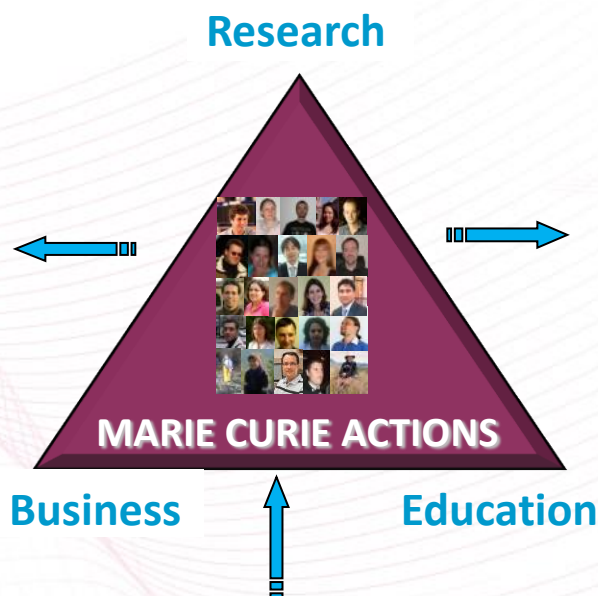
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## Objectives MCAs in Horizon 2020

### INNOVATION UNION - ERA

- 1 million more researchers
- Improve quality of doctoral training
- Involve businesses in doctoral training
- Attractive employment conditions
- ERA attractiveness
- Gender Balance
- Competitiveness of knowledge base enterprises, including SMEs
- Exploitation of results, commercialisation of research
- Leveraging national policies and programmes
- International cooperation
- Open access, dissemination



### Triple 'i' dimension:

- International
- Intersectoral
- Interdisciplinary

### 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

### YOUTH On the MOVE

- Promote researchers mobility across sectors, countries and disciplines

### Modernisation of HIGHER EDUCATION

- Attractiveness of European universities
- Stronger links between universities and businesses



## MCA possible future development

- How to make 4 MCA actions out of 8?



ITN  
IAPP  
IEF  
IOF  
IIF  
CIG  
COFUND  
IRSES



ESR  
Doctoral candidates

ER Individual  
fellowships / grants

Staff exchange /  
Secondments

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**THANK YOU  
FOR YOUR  
ATTENTION**



<http://ec.europa.eu/mariecurieactions>