



Marie Skłodowska- Curie Actions under Horizon2020

Spain, 23-4 May 2013

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DG Education & Culture
European Commission**



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Outline

- 1. The Marie Curie Actions (MCA) now & Spanish participation**
- 2. The achievements of the MCA in FP7**
- 3. The Marie Skłodowska-Curie Actions (MSCA) in Horizon 2020**



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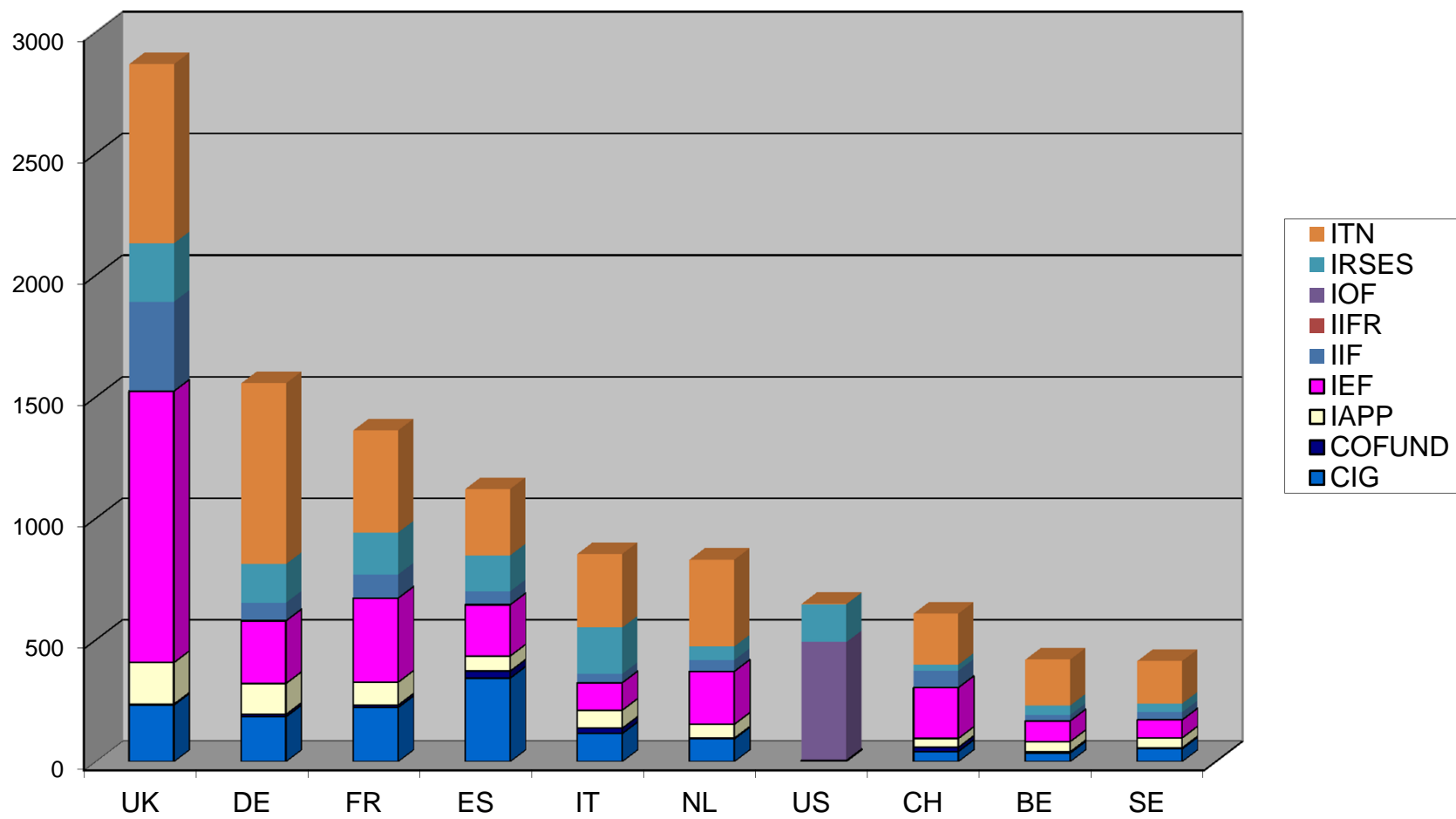
FP7 2007-2013 PEOPLE Programme

Marie Curie Action		Objective
Initial training of researchers <i>(1900 M€)</i>	Initial Training Networks (ITN)	Improve career perspectives of early stage researchers (ESR) in both public & private sector
Life-long training and career development <i>(1170-1400 M€)</i>	Intra-European Fellowships (IEF)	Career development of experienced researchers (ER) (e.g. diversification of skills/competencies; integrate a stable position after mobility)
	Career Integration Grants (CIG)	
	Co-funding of regional, national, international programmes (COFUND)	
Industry dimension <i>(250-450 M€)</i>	Industry-Academia Partnerships and Pathways (IAPP)	Open and foster dynamic pathways between public research organisations and private research commercial enterprises
International dimension <i>World fellowships</i> <i>(1170-1400 M€)</i>	International Outgoing Fellowships (IOF)	Reinforce the extra-European dimension of the European Research Area (ERA) through mobility, training, knowledge transfer and cooperation
	International Incoming Fellowships (IIF)	
	International Research Staff Exchange Scheme (IRSES)	

Host organisations by country



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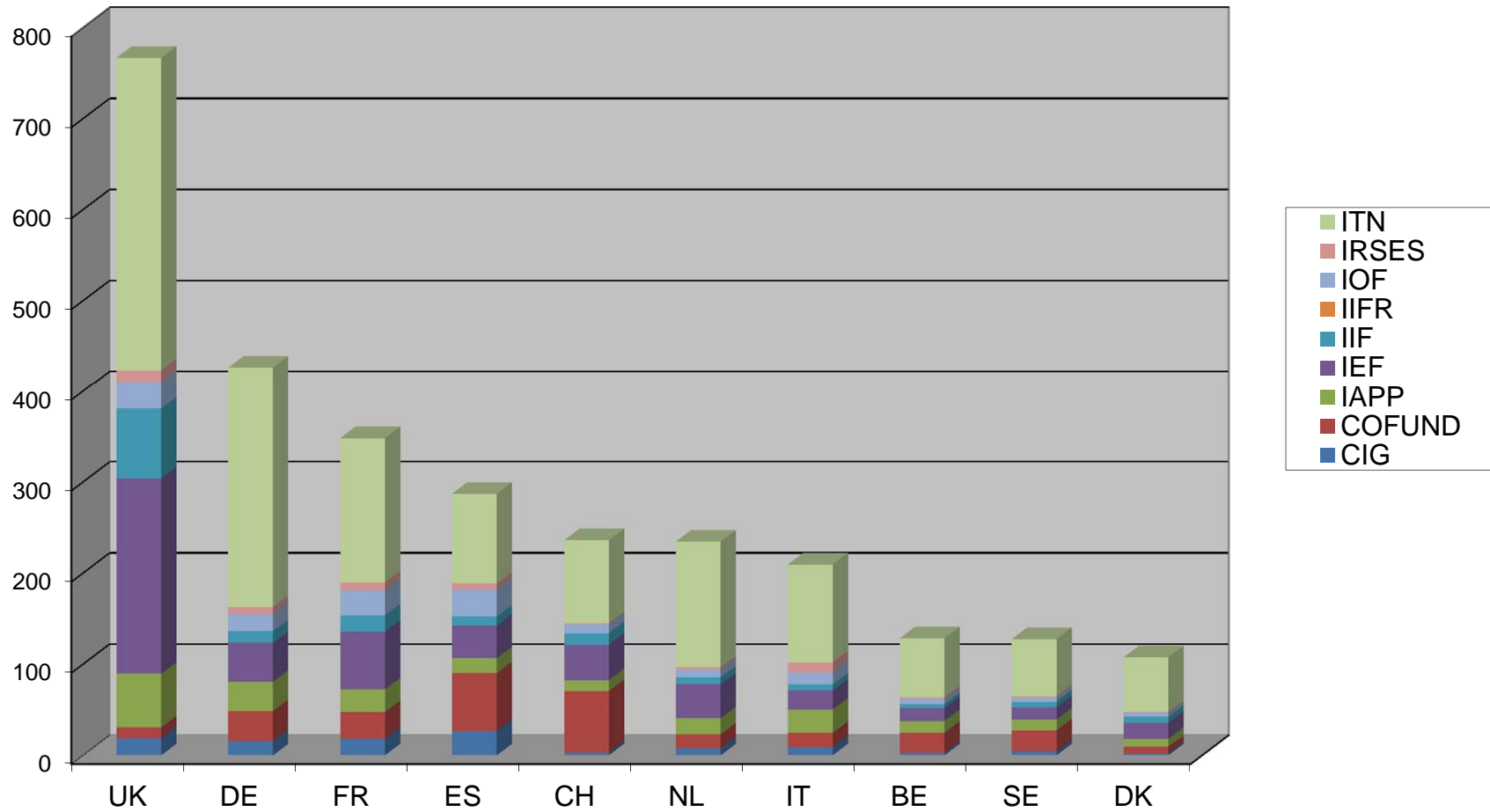
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Funding



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Million €

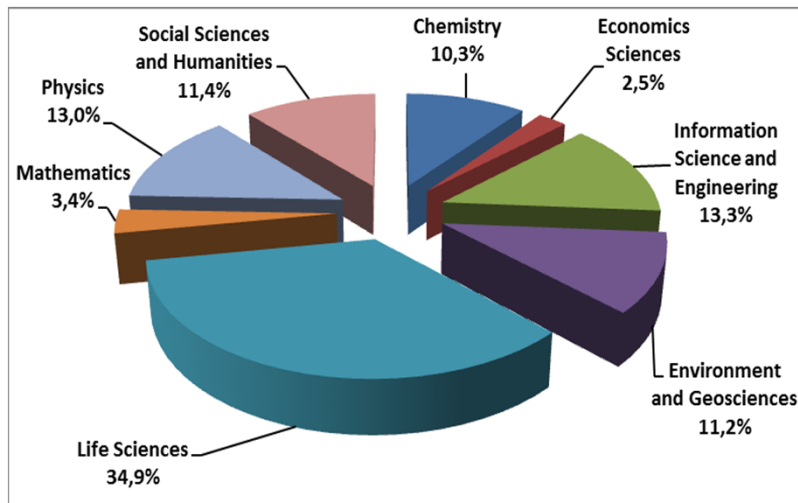
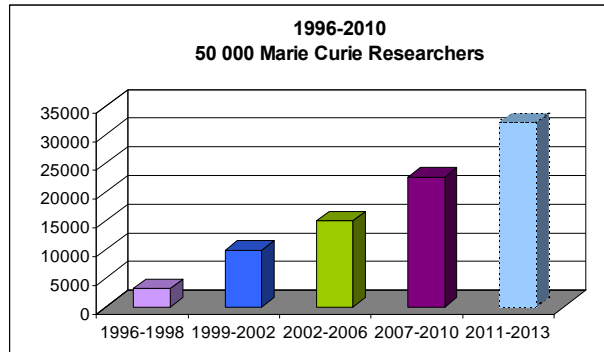


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FP7 MCA Achievements



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Budget distribution by scientific panel
in FP7 (bottom-up approach)

- ~ 60 000 researchers financed since creation of MCAs
- >10 000 PhD supported in FP7
- Marie Curie researchers coming from all over the world (~ 130 nationalities)
- Marie Curie host organisations in >80 countries
- 38% women participation in FP7 MCA (target: 40%)
- ~50% of budget dedicated to research in societal challenges
- Bridging academia-business gap: ~8 000 secondments/recruitments in ~750 projects
- SMEs play a major role: in IAPP & ITN account for >50% of all businesses participating

The evaluations



- ✓ **FP7 Marie Curie Actions Interim Evaluation**

- ✓ *Published March 2013*

- ✓ **FP7 Marie Curie Life-long Training and Career Development Evaluation**

- ✓ *Published March 2012*

- ✓ **Both online at:**

http://ec.europa.eu/dgs/education_culture/evalreports/index_en.htm#fp7

Interim Evaluation: Effectiveness and utility



86% of the beneficiaries agreed that participation in Marie Curie projects **has strengthened/will strengthen existing collaborations** with partner organisations.



Almost **two thirds** of the universities from the **Shanghai top 500 list** participated in the host-driven MCA in 2011. **Nine out of ten** European companies, investing the **largest sums in research and development**, participated in the host-driven MCA in 2010 and 2011.



92% of the ITN fellows assessed the Marie Curie **impact on their career prospects** as “very good” or “good”.

Some
highlights

Life-long Training Evaluation conclusions



- ✓ **Relevant** to EU political priorities and global objectives, as well as to the needs of research organisations, research funding organisations and individual researchers
- ✓ **Both mechanisms are achieving their objectives** and are strengthening the research capacity of the EU
- ✓ Modest positive **impact** on operational and administrative procedures of **host institutions (COFUND)**
- ✓ COFUND or Individual Fellowships have contributed to the **development of researchers' careers**
- ✓ **Budget appears appropriate** – the quantity and quality of outputs and results, and **success rates for Individual Fellowships** appear satisfactory



Horizon 2020 - New actions 2014-20

- ✓ *MC will continue as the Marie Skłodowska-Curie Actions (MSCA)*
- ✓ *Funding levels ~maintained*
- ✓ *Broad Schemes ~maintained*
- ✓ *Simplification in Implementation*

Horizon 2020



- **Excellent Science - *Priority I***
 - ✓ European Research Council
 - ✓ Future and Emerging Technologies
 - ✓ Marie Skłodowska-Curie Actions
 - ✓ Research Infrastructures
- **Industrial leadership - *Priority II***
 - ✓ Leadership in enabling and industrial technologies
 - ✓ Access to risk finance
 - ✓ Innovation in SMEs
- **Societal challenges - *Priority III***
 - ✓ Health, demographic change and wellbeing
 - ✓ Food security, sustainable agriculture, marine and maritime research bio-economy
 - ✓ Secure, clean and efficient energy
 - ✓ Smart, green and integrated transport
 - ✓ Climate action, resource efficiency and raw materials
- **EIT** Inclusive, innovative and secure societies
- **JRC non-nuclear action**

Horizon 2020



Marie Skłodowska-Curie Actions under Horizon 2020

Proposed Budget (2014-2020): € 5.75 billion

1. Fostering new skills through excellent **initial training of researchers**
2. Nurturing **excellence** through **cross-border and cross-sector mobility**
3. Stimulating **innovation** through cross-fertilisation of **knowledge**
4. Increasing **structural impact by co-funding the activities**
5. **Specific support and policy action**

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Innovative Training Networks (ITN)



MSCA - main EU programme for structured doctoral training



- ✓ Dedicated to **early-stage researchers** (no ER recruitment)
- ✓ Involving **wide partnership of institutions** from academic and non-academic sectors
- ✓ Based on FP7 ITNs experience + support to joint doctorates



- ✓ Addressing **triple 'i'** dimension of mobility
- ✓ Combining **scientific excellence** with **innovation-oriented approach**



- ✓ Developing **entrepreneurship** and **skills** matching research labour market needs
- ✓ Enhancing **employability** of researchers

Individual Fellowships (IF)



- ✓ Opportunities for **international and inter-sector mobility** of ER to facilitate career moves
- ✓ Enhance competences and creative **potential of best researchers**, European and non-European willing to work in the EU
- ✓ Encompass intra-European, incoming, outgoing mobility and re-integration
- ✓ Possibility of inter-sector secondments

Research and Innovation Staff Exchange (RISE)



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- ✓ New type of exchange of staff action to stimulate **transfer of knowledge**
- ✓ Flexible inter-sector (within Europe) and international (with 3rd countries) exchanges of **highly skilled research and innovation staff**
- ✓ No recruitment foreseen
- ✓ Single eligibility rule for partnership consortia
- ✓ Based on a **common research project**



COFUND



- ✓ Stimulating regional, national and international programmes to **foster excellence**
- ✓ Spreading **best practices** of MSCA in terms of international mobility, research training, career development
- ✓ Extended to doctoral training
- ✓ Contribution possible from EU regional funds
- ✓ Building on experience from FP7 COFUND

Inter-institutional discussions



Council of Ministers

Framework Programme Regulation:

- ✓ Partial General Approach (PGA) reached on 31 May 2012

Rules for Participation and Dissemination:

- ✓ PGA reached on 10 October

Specific Programme:

- ✓ PGA reached on 11 December 2012

MSCA:

- ✓ Impact across the programme on the innovativeness of the private sector
- ✓ Importance of industrial doctorates
- ✓ Mobility for European brain gain – importance of (re)integration
- ✓ Extension of co-funding, involve private sector
- ✓ Synergies with Erasmus for All, Structural Funds, KICs

Inter-institutional discussions



European Parliament

ITRE Committee vote on 28 November 2012

- ✓ Importance of widening participation
- ✓ Building synergies between Horizon 2020 and Structural Funds
- ✓ Establishing bridges with national and regional initiatives
- ✓ 20% of budget for SMEs
- ✓ Open access to publications and scientific data

MSCA:

- ✓ Increase of budget (from 7.2% to 8.3% of H2020)
- ✓ Importance of joint and industrial doctorates
- ✓ Promoting excellence in less innovation performing regions
- ✓ Measures to remove obstacles to the mobility of female researchers
- ✓ Support for outgoing mobility followed by return to Europe
- ✓ "Seal of excellence" on positively evaluated projects (not funded)



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Thank you – Questions anyone????



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