

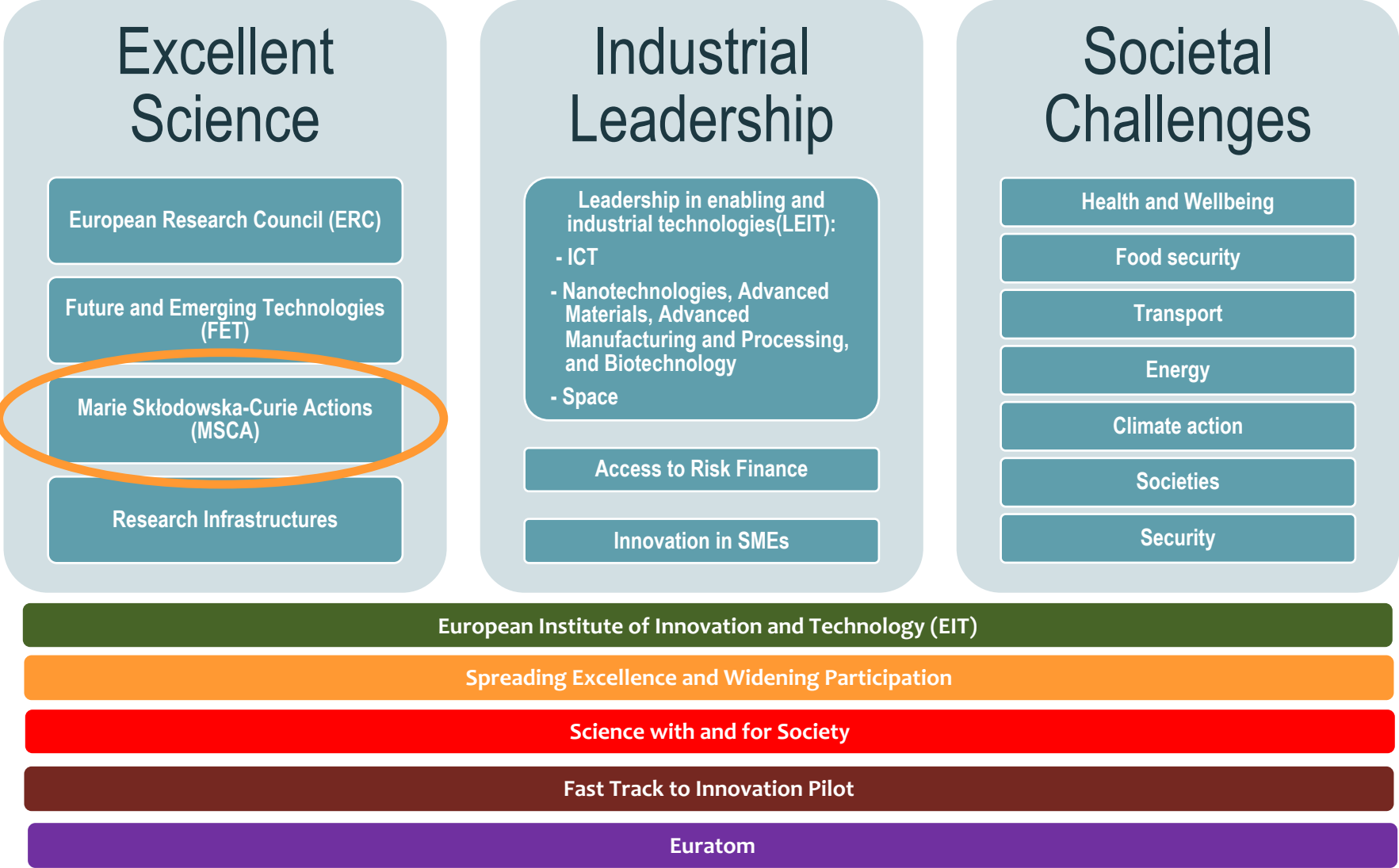


‘Marie Skłodowska-Curie Actions: l’impatto atteso per la carriera dei ricercatori’

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Horizon 2020



Marie Skłodowska-Curie Individual Fellowships

GOAL

- to enhance the **CREATIVE** and **INNOVATIVE** potential of **EXPERIENCED RESEARCHERS**
- wishing to **DIVERSIFY** their individual **COMPETENCE** in terms of **SKILLS** acquisition
- through advanced **TRAINING**, **INTERNATIONAL**, **INTERDISCIPLINARY** and **INTERSECTORAL MOBILITY**

Budget per tutte le Azioni MSCA 2014-2020
6.162 milioni di € (4.700 nel 7PQ)



POLITECNICO e Human Resources Strategy for Researchers (HRS4R)



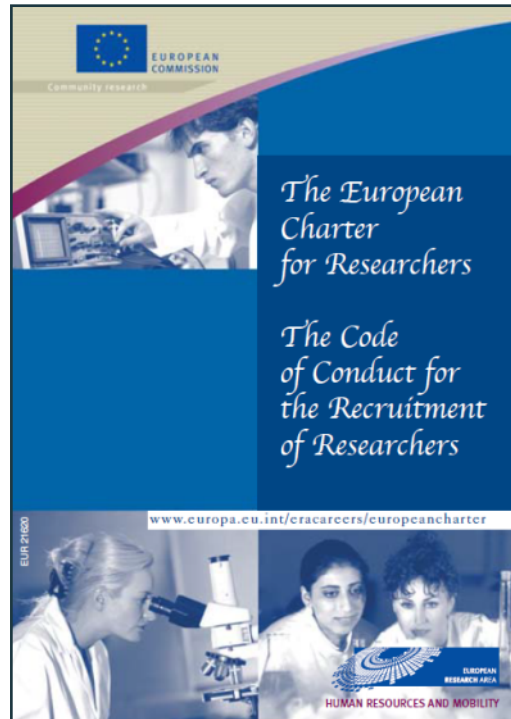
2005: Politecnico di Torino sottoscrive la raccomandazione europea relativa alla **Carta europea dei ricercatori e Codice di condotta per l'assunzione dei ricercatori**

2013: Politecnico avvia il processo **Human Resources Strategy for Researchers – HRS4R** voluto dalla Commissione Europea per accreditare le università che si impegnano a dare concreta attuazione ai principi contenuti nella Carta e nel Codice

Nell'ambito di tale processo, a **novembre 2013** la Commissione Europea ha **conferito al Politecnico di Torino l'award 'HR Excellence in Research'**, rimarcando il forte impegno a investire nelle risorse umane per la ricerca

Azioni Marie Skłodowska-Curie e HRS4E

- Dal **2013** la Commissione Europea riconosce al Politecnico di Torino l' "**HR Excellence in Research Award**", accreditandolo tra le università europee che danno concreta attuazione ai principi della Carta Europea dei Ricercatori.



- I **principi** riferiti alla **mobilità e allo sviluppo della carriera** dei ricercatori sono sostenuti dall'Ateneo anche attraverso il **supporto alla partecipazione alle Azioni Marie Curie**
 - **Progetto MSCA IF ComBIOsites:**
 - *Mobilità del ricercatore: EPFL → POLITO*
 - *Sviluppo della carriera attraverso un programma di ricerca interdisciplinare: polymer chemistry + materials engineering + computational fluid dynamic*
- L'Ateneo conferma e rafforza il proprio impegno a garantire la **qualità dei processi di selezione e dell'ambiente di ricerca** e considera l'adozione di una strategia per le risorse umane della ricerca (HRS4R) un elemento essenziale per il raggiungimento dei propri obiettivi istituzionali.

IF Expected impact in MSCA Work Programme

At researchers level

- Increased set of **skills**, both **research-related and transferable** ones, leading to improved employability and career prospects **both in and outside academia**
- Increase in higher impact R&I output, more knowledge and ideas converted into **products and services**
- Greater contribution to the **knowledge-based economy and society**

At organisational level

- **Enhanced** cooperation and **stronger** networks
- Better **transfer** of knowledge **between sectors and disciplines**
- Boosting of R&I capacity among participating organisations

At system level

- Increase in international, interdisciplinary and intersectoral **mobility of researchers in Europe**
- Strengthening of Europe's human capital base in R&I with more entrepreneurial and better trained researchers
- Better **communication of R&I results to society**
- Increase in Europe's attractiveness as a leading destination for R&I
- Better **quality research and innovation** contributing to Europe's competitiveness and growth

MSCA IF Evaluation criteria

Excellence 50%	Impact 30%	Implementation 20%
Quality and credibility of the research/innovation project : level of novelty, appropriate consideration of inter/multidisciplinary and gender aspects	Enhancing the future career prospects of the researcher after the fellowship	Coherence and effectiveness of the work plan , including appropriateness of the allocation of tasks and resources
Quality and appropriateness of the training and of the two way transfer of knowledge between the researcher and the host	Quality of the proposed measures to exploit and disseminate the project results	Appropriateness of the management structure and procedures , including risk management
Quality of the supervision and of the integration in the team/institution	Quality of the proposed measures to communicate the project activities to different target audiences	Appropriateness of the institutional environment (infrastructure)
Potential of the researcher to reach or re-enforce a position of professional maturity/indipendence during the fellowship		

IF IMPACT - Section B.2.1 (1)

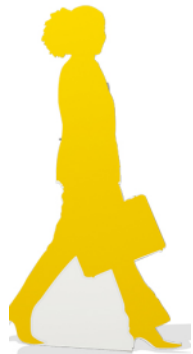
2.1 Enhancing the future career prospects of the researcher after the fellowship

Elements you need to address:

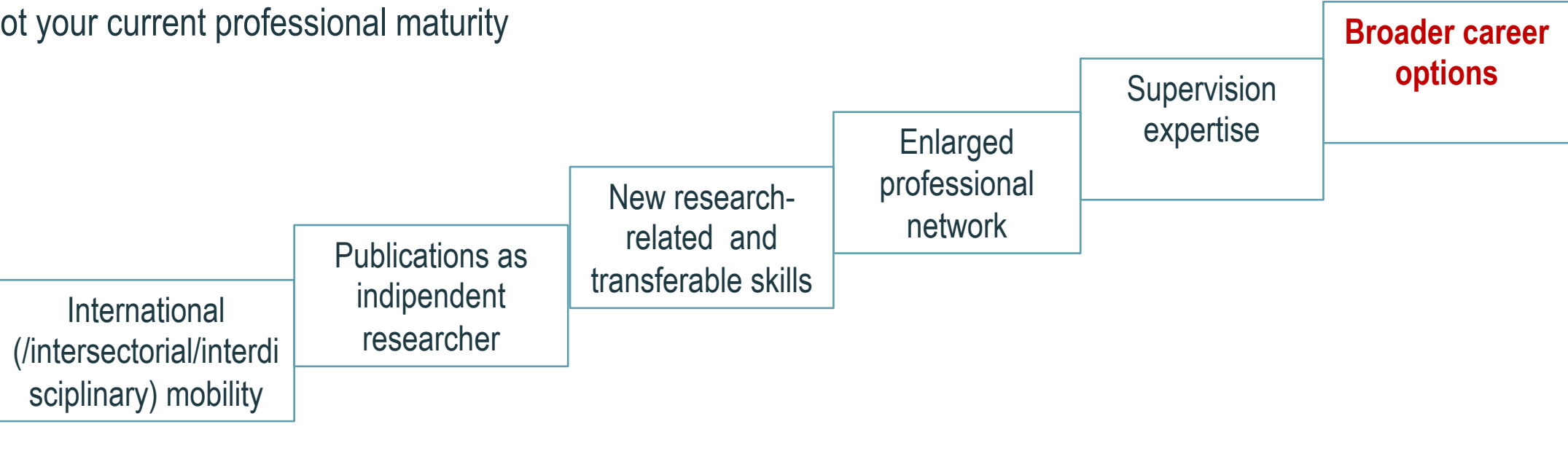
- *added value* of the fellowship on the future career prospects
- how do you increase through your training your *research related skills*
- how do you increase through your training your *transferable skills*

} **after the fellowship**

In IF **the potential to reach/ re-enforce a position of professional maturity** in research through this project is most important, not your current professional maturity



Your current position
(section 1.4)



IF IMPACT - Section B.2.1 (2)

Describe the potential of **research-related and transferable skills** acquired **during the fellowship**, such as:

- *management experience important for leading my own future group;*
- *supervision expertise important for my own PhD candidates;*
- *grant writing skills important for further step of career;*
- ***technical skills to embrace future challenges in this field as an independent group leader***
- Consider the potential industrial impact ***of a spin-off company stemming from research results*** and industry need for highly-skilled people
- Consider your potential to contribute to knowledge based economy and society.




Explain how the skills you develop will allow you to address a **challenge/priority at a European/Global level** **after the fellowship** and refer to important policies and initiatives, such as:

- ***UN Sustainable Development Goals***
- ...

IF IMPACT - Section B.2.2 & 2.3: *maximise the impact*

2.2 Quality of the proposed measures to **exploit** and **disseminate** the project results

2.3. Quality of the proposed measures to **communicate** the project activities to different target audiences

COMMUNICATION	DISSEMINATION	EXPLOITATION	
<p>Reach out to society and show the impact and benefits of EU-funded R&I activities, e.g. by addressing and providing possible solutions to fundamental societal challenges.</p>	<p>Transfer knowledge & results with the aim to enable others to use and take up results, thus maximising the impact of EU-funded research.</p>	<p>Effectively use project results through scientific, economic, political or societal exploitation routes aiming to turn R&I actions into concrete value and impact for society.</p>	 Objective
<p>Inform about and promote the project AND its results/success.</p>	<p>Describe and ensure results available for others to USE → focus on results only!</p>	<p>Make concrete use of research results (not restricted to commercial use.)</p>	 Focus
<p>Multiple audiences beyond the project's own community incl. media and the broad public.</p>	<p>Audiences that may take an interest in the potential USE of the results (e.g. scientific community, industrial partner, policymakers).</p>	<p>People/organisations including project partners themselves that make concrete use of the project results, as well as user groups outside the project.</p>	 Target Audience

Source: "Making the Most of Your H2020", European Commission-European IPR Helpdesk

Long-term career benefits for Marie Curie researchers of FP4-FP7*

1. Access to high quality research facilities and labs
2. Enlarged professional network
3. Improved interdisciplinary skills
4. More often cited
5. More frequent high impact publications
6. More successful in applying for other funding incl. ERC

* Source: *“Marie Curie researchers and their long-term career development: A comparative study”*. Final Report, March 2014

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Grazie!

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