

HORIZON 2020

Marie Sklodowska - Curie Actions



Faculty of Organization and Informatics
Varaždin, April 16th, 2015.

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Department for Mobility
of Researchers



AGENCIJA ZA
MOBILNOST I
PROGRAME EU



Erasmus+

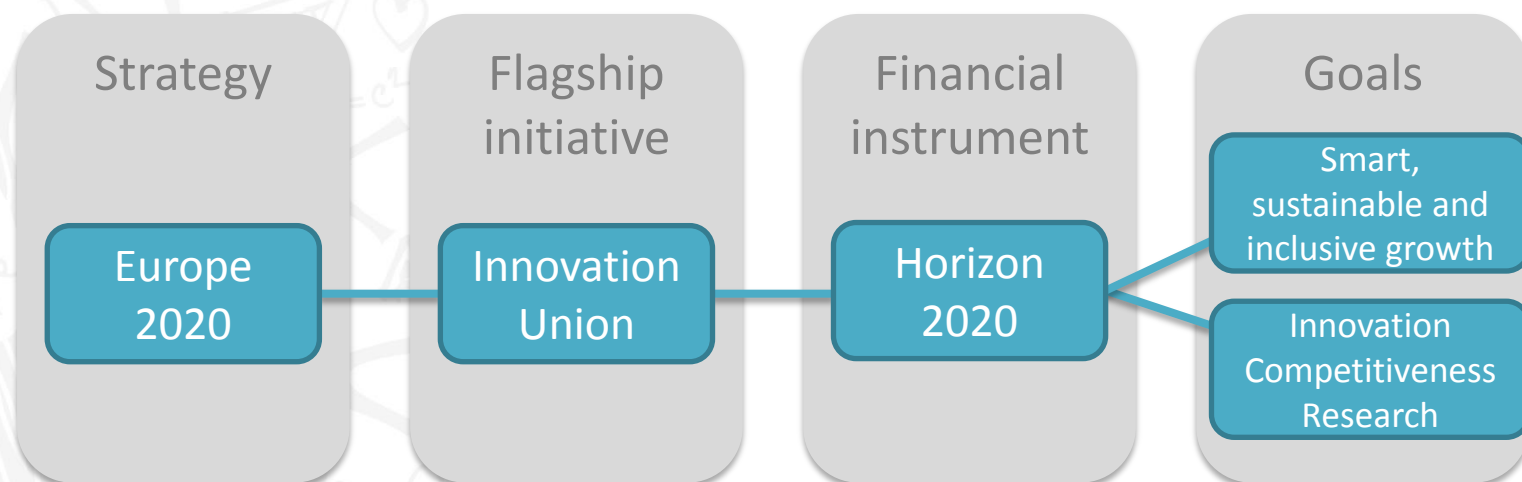


Obzor 2020.



- Horizon 2020.
- Marie Skłodowska – Curie Actions
- EURAXESS Service Centre
- Usefull links
- Contacts

- The biggest EU Research and Innovation programme ever with nearly €80 billion of funding available over 7 years (2014 to 2020)



- brings together all of the previous EU's research and innovation funding (FP7, CIP i EIT) under a single common strategic framework.
- coupling research and innovation
- developing the **European Research Area** - breaking down barriers to create a genuine single market for knowledge, research and innovation



Horizon 2020 - pillars



Horizon 2020

Excellent Science

1. Excellent Science

European Research Council

Future and Emerging Technologies

Marie Curie Actions

Research Infrastructures

- Aims to increase the excellence of European scientific potential:
- World class science is the foundation of tomorrow's technologies, jobs and wellbeing
- Europe needs to develop, attract and retain research talent
- Researchers need access to the best infrastructures

Marie Skłodowska-Curie Actions

- **Marie Skłodowska-Curie Actions (MSCA) objectives:**
 - Ensure the optimum development and dynamic use of Europe's intellectual capital
 - Generate new skills, knowledge and innovation
 - Develop attractive career opportunities for competitive and inter-disciplinary R&I environment



EURAXESS initiatives

- ✓ European Charter for Researchers
- ✓ Code of Conduct for the Recruitment of Researchers
- **Mobility rule** - cross-border and cross-sector mobility as key requirement
- Public engagement of supported researchers

Marie Skłodowska-Curie Actions

(2)

- **Bottom – up approach** - open to all domains of research and innovation from basic research up to market take-up and innovation services
- **8 evaluation panels** (CHE, SOC, ECO, ENG, ENV, LIF, MAT and PHY)
- The two-year work programme – **10 calls**
 - 1 call for each MSCA per year
 - 1 call for two years for NIGHT i NCP actions
- Budget **6,16 billion** EUR for 2014 - 2020
 - for 2014 - 817.40 million EUR
 - for 2015 - 756.90 million EUR

Types of participants

- Two types of participant

Network Status	Signs the Grant agreement	Recruitment of Researchers	Training and / or Hosting of Seconded Researchers	Participation in Supervisory Board	Directly Claims Costs
Beneficiary	✓	✓	✓	✓	✓
Partner organisation	X	X	✓	✓	X

- Participants can be researchers, universities, research organizations, business organisations and other socio economic actors
- Strong accent on participation of industry, SMEs and non-academia

Two types of sector

Academia

Public or private **HEI** awarding academic degrees

Public or private **non-profit research organisations**

International **European interest** organisations

Universities

Non-profit
research
institutes

IEIOs

Business and non-academia

Broad definition: Any socio-economic actor
not included in the academic sector definition

Industry

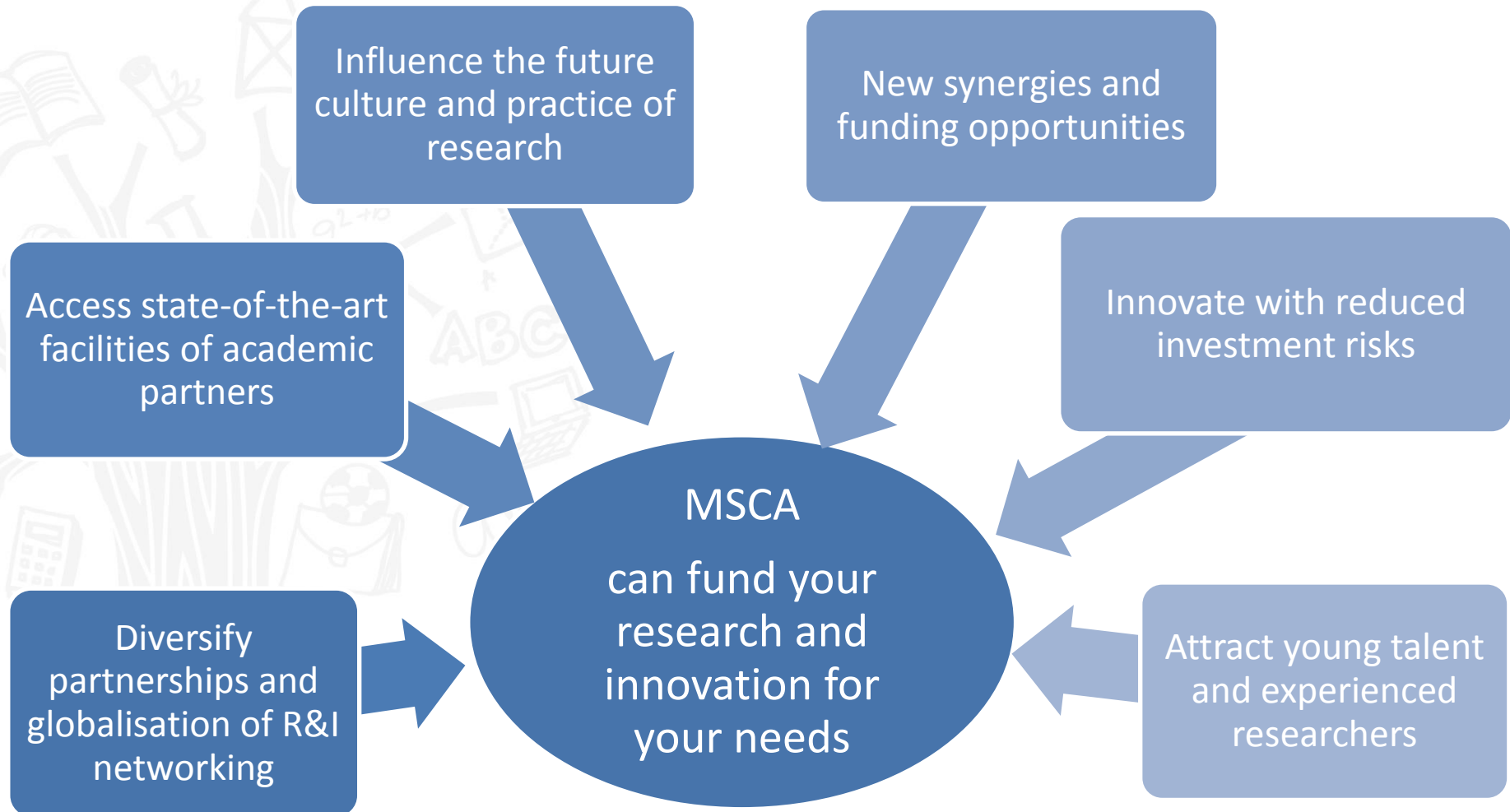
Other socio-
economic
actors

SMEs

Intersectoral cooperation

- Academic and non-academic collaboration
- Involvement of industry in doctoral and postdoctoral training
 - (ITN – European Industrial Doctorates)
- Goal – new generation of researchers with innovative and transferable skills - meeting the needs of public and private sector
- Number of researchers in business sector (CBS, EUROSTAT, 2013)
 - EU – 48 %
 - RH – 19 %

Opportunities of non-academic sector



Involvement of non-academic sector

Researchers acquire transferable skills,
business sector research experience
while academic sector networking and
collaboration

Capacities building

- Host secondments and internships
- Provide specific training modules

Get involved

- Recruit one or more researchers during their entire fellowship
- Build around a common research project
- Get co-funding for your fellowship programme

- Gain and transfer knowledge/expertise through staff exchange
- Take part in shaping the training of researchers you would like to hire
- Develop a European Industrial Doctorate

Enhance long-term
partnerships

Funding opportunities

1) Organisational costs

Research, networking and training costs

Management and indirect costs

2) Costs of researchers

Living allowance or Top-up allowance

Mobility allowance

Family allowance

- 100% in Innovative Training Networks, Individual Fellowships and RISE
- Co-funding for doctoral and fellowship programmes

Type of actions

International and
intersectoral
constortium



Joint Research project



Secondments for each
researchner and
exchange of best
practice



Advanced research skills
and transverable
skills training

INNOVATIVE TRAINING NETWORKS (ITN)

INDIVIDUAL FELLOWSHIP (IF)

RESEARCH AND INNOVATION STAFF EXCHANGE (RISE)

**CO-FUNDING OF REGIONAL, NATIONAL AND
INTERNATIONAL PROGRAMMES (COFUND)**

EUROPEAN RESEARCHERS' NIGHT (NIGHT)

Innovative Training Networks (ITN)

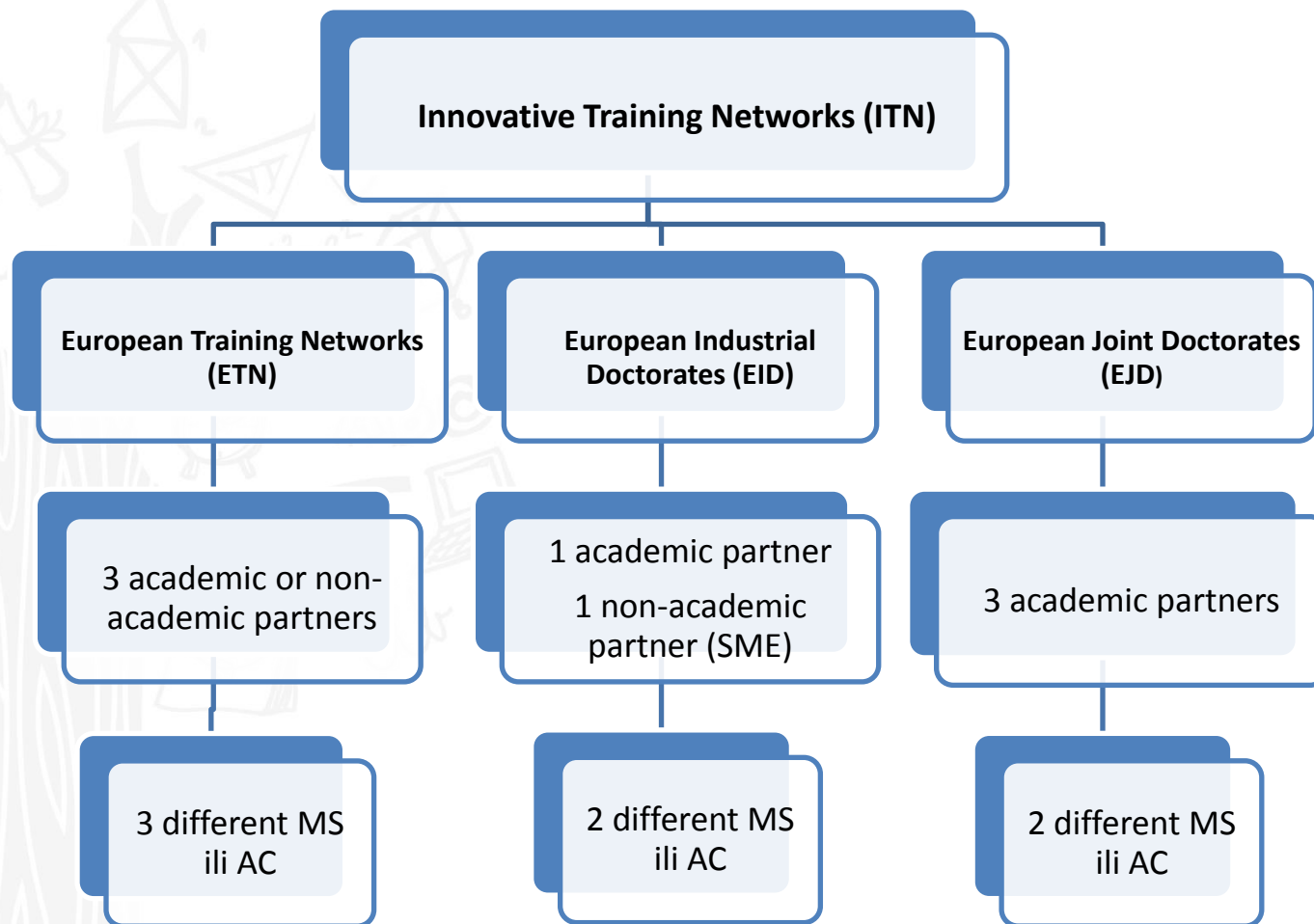
- Structured doctoral training for **early-stage researchers** based on cross-sector and cross-border partnerships
 - Objective: to train a new generation of creative, entrepreneurial and innovative researchers - focus on innovation skills
 - Enhance researchers' employability and provide them with new career perspectives
 - Modes:
 - ✓ **European Training Networks (ETN)**
 - ✓ **European Industrial Doctorates (EID)**
 - ✓ **European Joint Doctorates (EJD)**
- } Joint supervision
with business and industry
- Duration of projects: up to 4 years with 540 researcher-months
 - 3-36 months fellowships
 - Optional 3 - 6 months secondments

Financial aspects

Research, networking, training costs	1800 €	Living allowance	3110 €
Management and indirect costs	1200 €	Mobility allowance	600 €
		Family allowance	500 €



Modes of ITN



Individual Fellowship (IF)

- Enhance the creative and innovative potential of experienced researchers of any nationality at post-doctoral level and beyond
- Provide opportunities to acquire new knowledge by working on research project through international and intersectoral mobility in a European context or outside Europe

EUROPEAN FELLOWSHIP

Multidisciplinary panels:
Career restart panel (CAR)
Reintegration panel (RI)

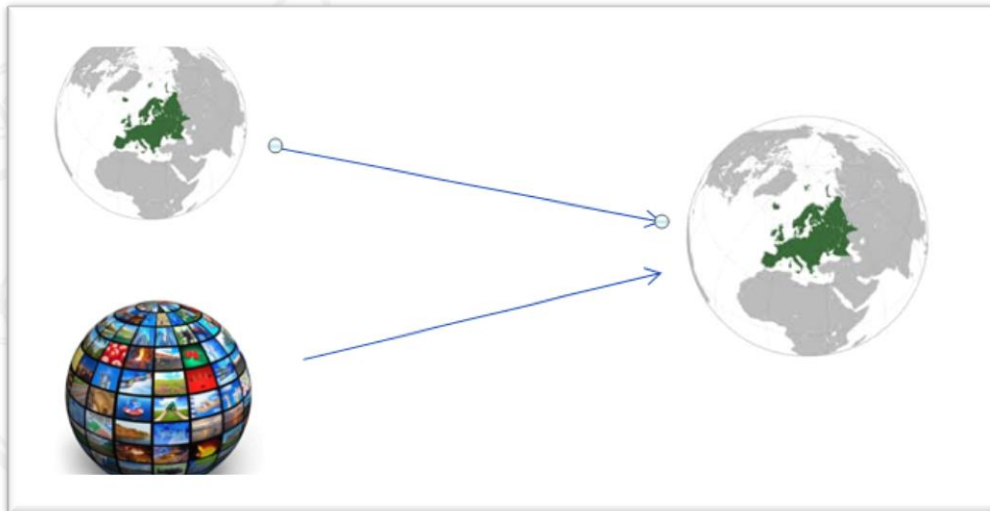
GLOBAL FELLOWSHIP

Mandatory return phase

- **Mobility rule:** “The researchers shall not have resided or carried out their main activity in the country of their future host organisation for more than **12 month in the 3 years** prior to the reference date (relevant deadline for submission of proposals)”

(Exceptions: Career Restart Panel, Reintegration Panel – 3y/5y)

Modes of IF

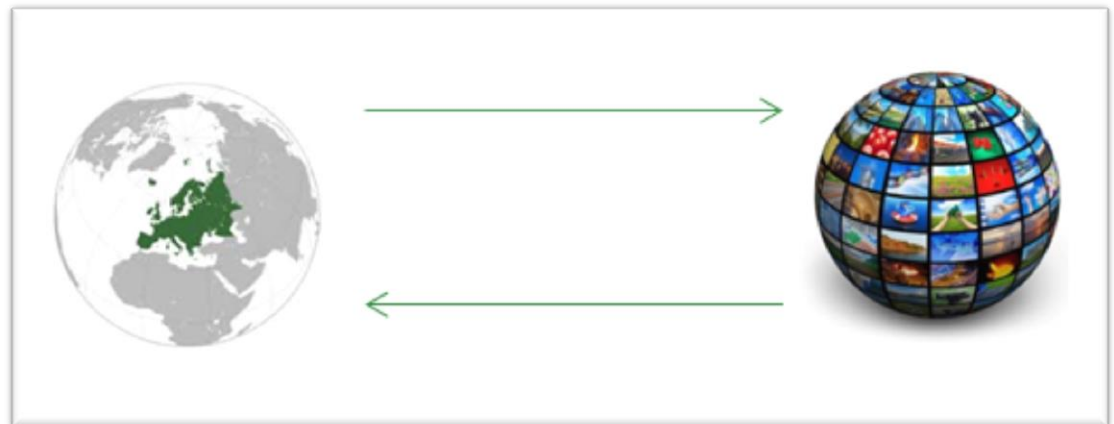


EUROPEAN FELLOWSHIPS
12 do 24 months

For fellows coming to or moving within Europe

GLOBAL FELLOWSHIPS
12 – 24 months
+ 12 months

For fellows from Europe going to Third countries and returning (12 months)



Eligible organisations

- Institutions active in research and research training:

- ✓ Universities
- ✓ Public and private research institutes
- ✓ IEIOs & International Organisations
- ✓ Industry (including SMEs)

Open to
academic and
non-academic
hosts

- **IMPACT**

- Strengthening networking capabilities for involved organisations and researchers
- Realising the full potential of researchers and to catalysing significant development in their careers in both the academic and non-academic sectors

Secondments

- Contributes significantly to impact of the fellowship
- Single period or divided into shorter mobility periods
- Can be at more than one partner organisation
- Can be to an Institution in the country of the beneficiary
- Can be in the same sector (academic-academic)

Duration of the fellowship	Maximum duration of secondment
≤ 18 months	3 months
> 18 months	6 months

IF Financial aspects

- Duration of project: 2 years (GF – 3 years)
- **2015 Call** – 231 millions EUR (GF 27 millions EUR)
 - deadline **September 10th 2015**
- **Financial aspects**

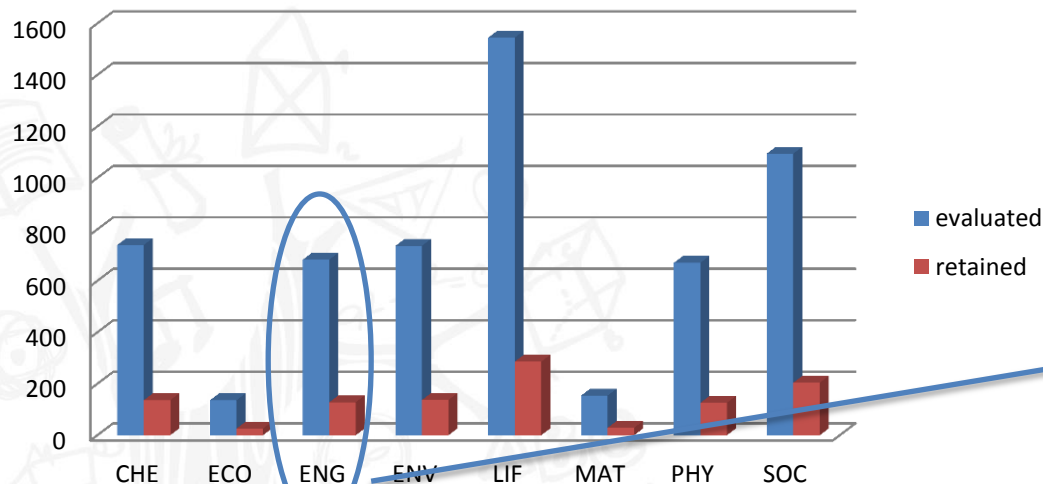
Research, networking, training costs	800 €	Living allowance	4650 €
Management and indirect costs	500 €	Mobility allowance	600 €
		Family allowance	500 €



AGENCIJA ZA
MOBILNOST I
PROGRAME EU

MSCA- IF - 2014

MSCA - IF - 2014 - EF



IF – total:

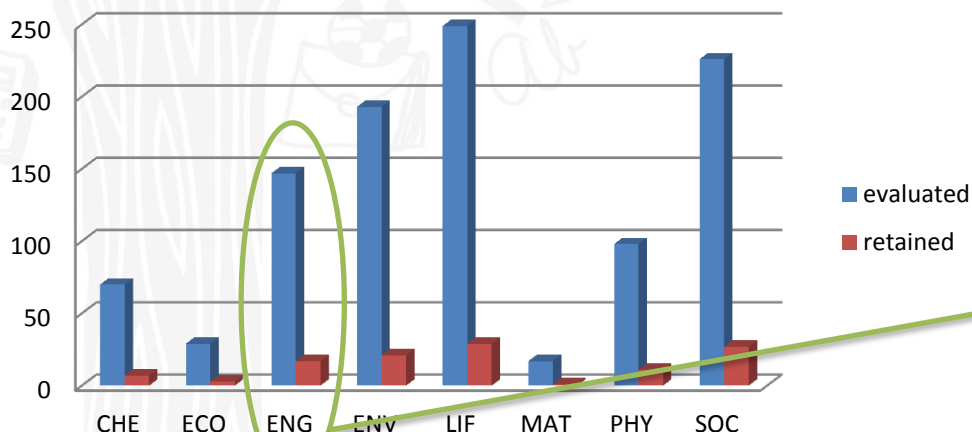
EVALUATED - 7409

RETAINED - 1305

SUCCESS RATE – 17,6%

EVALUATED – 682
RETAINED – 128
SUCCESS RATE – 18,8

MSCA - IF - 2014 - GF

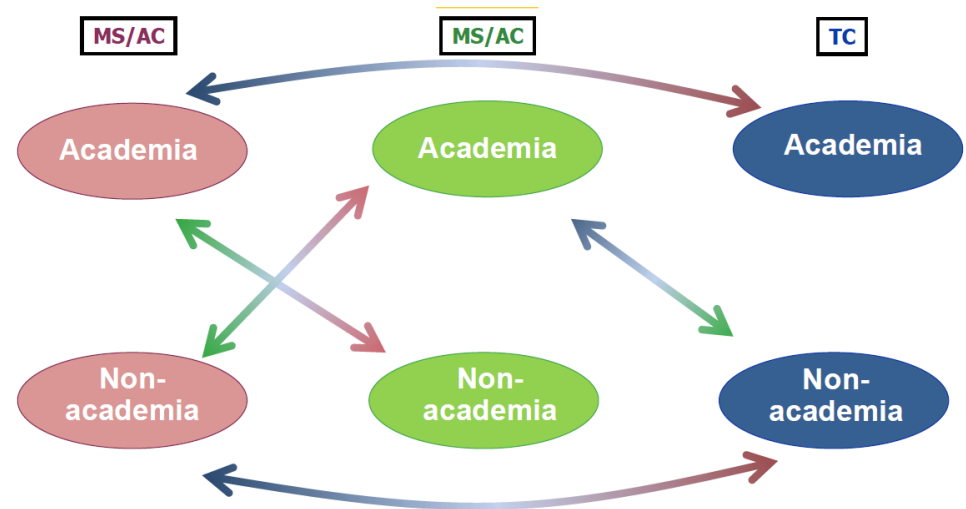


EVALUATED – 147
RETAINED – 17
SUCCESS RATE – 11,6

Research and Innovation Staff Exchange (RISE)

- Strengthen the interaction between academic and non-academic organisations, and between Europe and third countries
- Project built on joint research and innovation activities
- Implementation through the secondment of staff (no recruitments)
- Each staff member seconded for a period of 1 to 12 months - mandatory reintegration phase
- Eligibility condition for staff member: 6 month at the sending institution prior to the first secondment
 - ESR (no PhD and < 4 years experience)
 - ER (PhD or > 4 years experience)
 - Managerial staff
 - Administrative or Technical staff

- At least 3 independent participants in 3 different countries
- At least 2 participants from 2 different MS/AC
- If all in MS/AC: at least 1 academic and 1 non-academic



- Duration of projects: up to 4 years with 540 researcher-months

Financial aspects

Research, networking, training costs	1800 €	Top-up allowance	2000 €
Management and indirect costs	700 €		

Co-funding of Regional, National and International Programmes (COFUND)

- Objective: stimulate regional, national or international programmes to foster excellence in researchers' training, mobility and career development
- Open to **mono-beneficiaries**
- Private and public organisations that **fund or manage** doctoral programmes or fellowship programmes for researchers
- Maximum € 10 Million per single applicant per call
- Duration of projects: maximum 5 years
- Researchers recruited for minimum 3 months
- EU contribution to cover living allowances for researchers and management costs

Management costs	325 €	Living allowance Early-stage researchers	1855 €
		Living allowance Experienced researchers	2625 €

- Example: NEWFELPRO fellowships (www.newfelpro.hr)

EUROPEAN RESEARCHERS' NIGHT (NIGHT)

- Objective - bring researchers closer to the general public
- Yearly event, typically on the last Friday of the month of September
- Focus on the general public, addressing and attracting people regardless of the level their scientific background (special pupils and students)
- Raise awareness of the importance of research careers and encourage young people to embark on scientific careers
- Call under Coordination and support action
- Duration: maximum 2 years (option for one edition only)
- Beneficiaries: any legal entity in the EU Member States and Associated Countries
- <https://www.youtube.com/watch?v=PW0jKbLIP74#t=29>

Expected impact of Marie Skłodowska-Curie Actions

2014.

2020.

- **65.000 researchers** to be supported, including **25.000 PhD** candidates (specially through ITN)
- **200.000 scientific publications** in high impact peer-reviewed journals
- **1.500 patent** applications
- **100 spin-offs** created
- **350-400 new programmes** at regional / national / international level

Network of 260 service centres located in 40 European countries
EURAXESS does not offer direct financing of projects, but gives administrative advice and legal assistance



EURAXESS - Researchers in Motion is a unique pan-European initiative providing access to a complete range of information and support services to researchers wishing to pursue their research careers in Europe or stay connected to it.

JOBS

Employers and funders have jobs and fellowships up for grabs.

[See who's offering what](#)

SERVICES

Seeking personalised assistance or advice when relocating?

[Get in touch with one of the hundreds of professionals here to support you and your family!](#)

RIGHTS

Did you know that hundreds of institutions are doing their best to improve your working environment?

[See who does what!](#)

LINKS

Are you a European researcher working outside Europe? Or are you a non-European researcher wishing to come to Europe?

[Discover what opportunities are available!](#)

Finding a PhD or postdoctoral vacancy

All MSCA projects that fund PhD or postdoctoral positions advertise their vacancies on the EURAXESS Jobs portal - <http://ec.europa.eu/euraxess/index.cfm/jobs>



EURAXESS Researchers in Motion

European commission > Euraxess > Jobs > Jobs search



JOBS

SERVICES

RIGHTS

LINKS

Search Results

401 results found (1-15 Displayed)

View the results as: **List** **Map**

First < Previous **1** 2 3 4 5 6 7 8 9 10 11 Next > Last



Early stage researcher PhD positions for cartilage regeneration in joints and intervertebral disc diseases - prof. Mauro Alini, AO Research Institute Davos **Job**

TargetCaRe is a Marie Skłodowska-Curie Innovative Training Network (MSCA-ITN) on targeting cartilage regeneration in joints and intervertebral disc diseases in the Horizon2020 programme of the European Union. In total, 15 [...]

03/03/2015 - 12:15 | **Country:** Switzerland | **Organisation:** TargetCaRe | **Research field:** Biological sciences | **Application deadline:** 02/05/2015 | **Nr. of offers:** 1



Experienced Researcher (ER) in Development of industrially viable processes for the synthesis of hydride-based materials (MC ITN ECOSTORE@ROLI) **Job**

In the framework of the European Marie Curie Initial Training Network "ECOSTORE - Novel Complex Metal Hydrides for Efficient and Compact Storage of Renewable Energy as Hydrogen and Electricity" (<http://www.ecostore-itn.eu>) [...]

03/03/2015 - 09:26 | **Country:** Germany | **Organisation:** Helmholtz-Zentrum Geesthacht | **Research field:** Technology | **Application deadline:** 30/04/2015 | **Nr. of offers:** 1

Refine By

Type

Job Vacancies (376)

Fellowship Programmes (25)

Research field

Engineering (102)

Biological sciences (86)

Chemistry (83)

Physics (73)

Computer science (51)

More +

Country

Germany (77)

United Kingdom (61)

Spain (49)

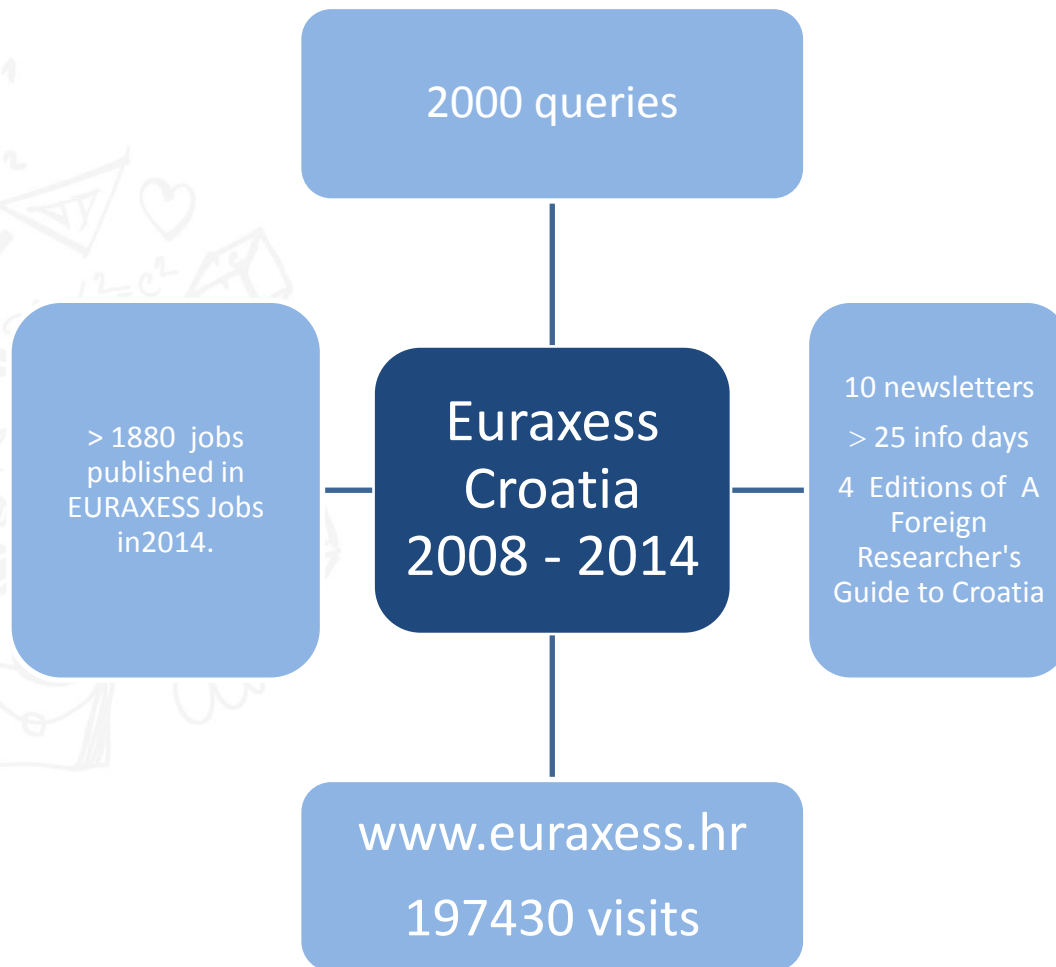
France (44)

Netherlands (36)

More +

Publishing Organisation

Universidad Politecnica de Madrid (13)





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WELCOME TO CROATIA

Dear visitors,

welcome to the Croatian Researchers' Mobility Portal! Our Service Centre is part of a [European network](#) consisting of more than 260 centres in 40 countries that serve mobile researchers. If you are a mobile researcher, EURAXESS Croatia can assist you and your family in every step of your move, starting in your home country and continuing until you have settled in Croatia. This free personalised service is here to remove red tape and make your life easier.

These pages will provide you with [useful information](#) on life and work in Croatia and will offer you assistance in your and your family's mobility. Find a [research position](#) in Croatia and learn all about [administrative procedures](#).

[Croatian researchers](#) who wish to continue with their research work in Europe can also find information and assistance relating to research and mobility, including Research Job Vacancies as well as Grants and Fellowships.

Furthermore Euraxess provides solutions for universities, research institutes and companies interested in employing researchers from abroad.

EURAXESS Croatia is committed to provide a high-quality service - read our [Service Commitment](#). Join us in improving researchers' mobility - [tell us](#) about your experiences as a foreign researcher in Croatia!

Enjoy your stay!

HR EN



[RESAVER - invitation to research organisations to join the consortium for a new pension scheme for researchers](#)

[Call for MSCA Individual Fellowship is now open!](#)

[Request of Expression of Interest for Individual Consulting Services - MSES](#)

[Call for proposals - 2020 RESEARCHERS: TEAM TO MOVE \(T2M\)](#)

Usefull links

- Agency for Mobility and EU Programmes
- <http://www.mobilnost.hr>
- Horizon 2020 – Croatian national portal
- <http://www.obzor2020.hr>
- Marie Skłodowska-Curie Actions
- <http://ec.europa.eu/research/mariecurieactions/>
- Participants' portal
- <http://ec.europa.eu/research/participants/portal/desktop/en/home.html>
- Horizon 2020 on-line manual
- http://ec.europa.eu/research/participants/docs/h2020-funding-guide/index_en.htm
- Euraxess portal
- <http://www.euraxess.hr>
- [Bridging business and research](#)
- https://www.youtube.com/watch?v=-BRPpt_tqmQ

Thank you for your attention!

Sandra Vidović

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