

# KAKO UČESTVOVATI U PROGRAMU MSCA?

**Dalibor Drljača**

Nezavisni univerzitet Banja Luka  
Europrojekt centar Banja Luka



# SADRŽAJ

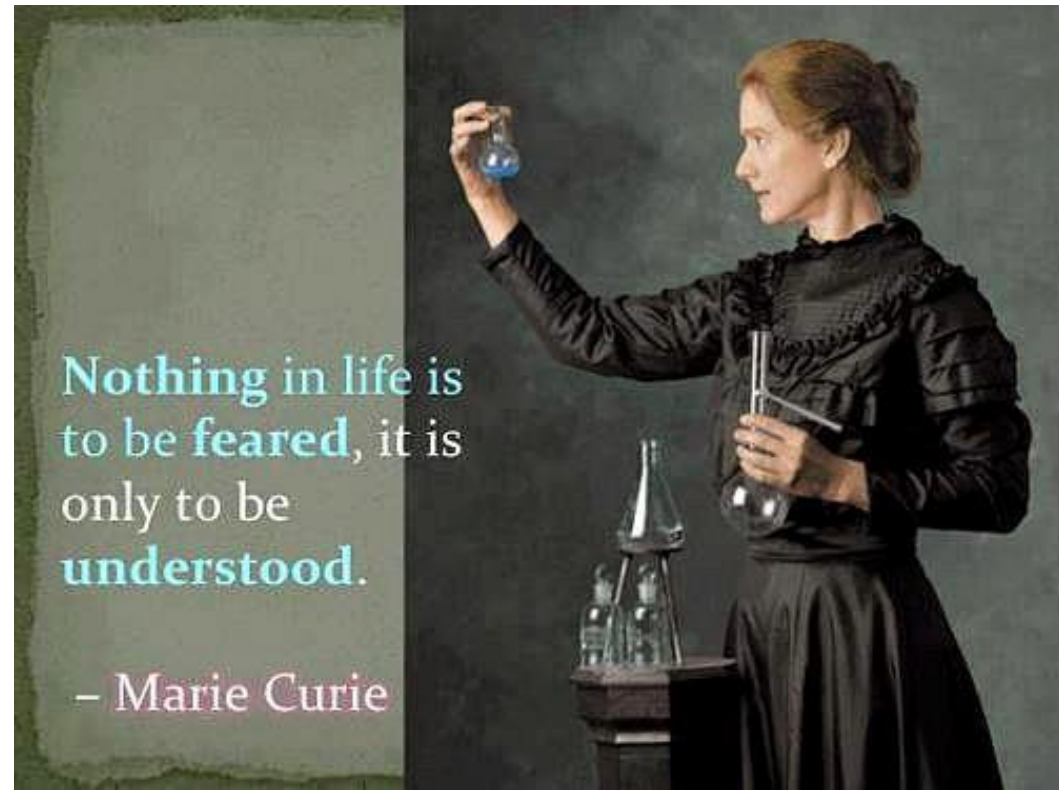
- MSCA u H2020
- Individualne školarine (IF)
- Mali savjeti za pripremu IF projekta



**Nobel Prize  
in Physics 1903.**



**Nobel Prize  
in Chemistry 1911.**



# Who can participate?



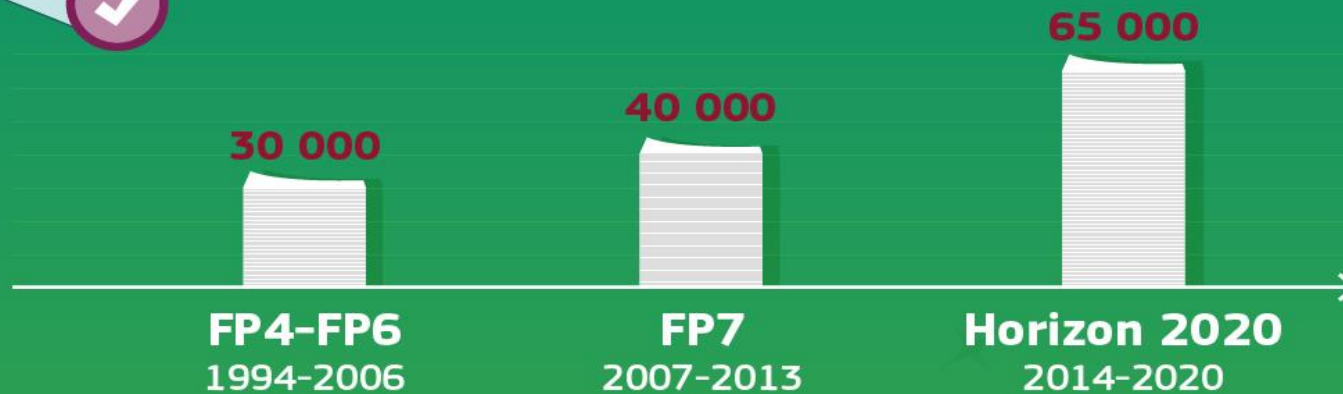
European  
Commission

Research  
Executive Agency

Marie Skłodowska-Curie Actions (MSCA) have supported **more than 100 000 researchers** so far



## MSCA researchers (all projects combined)



**8 Nobel laureates**



**1 Oscar winner\***

\* A team of software developers involved with MSCA won an Academy Award in 2006 for their work on visual effects software  
<http://europa.eu/!qK83Yg>

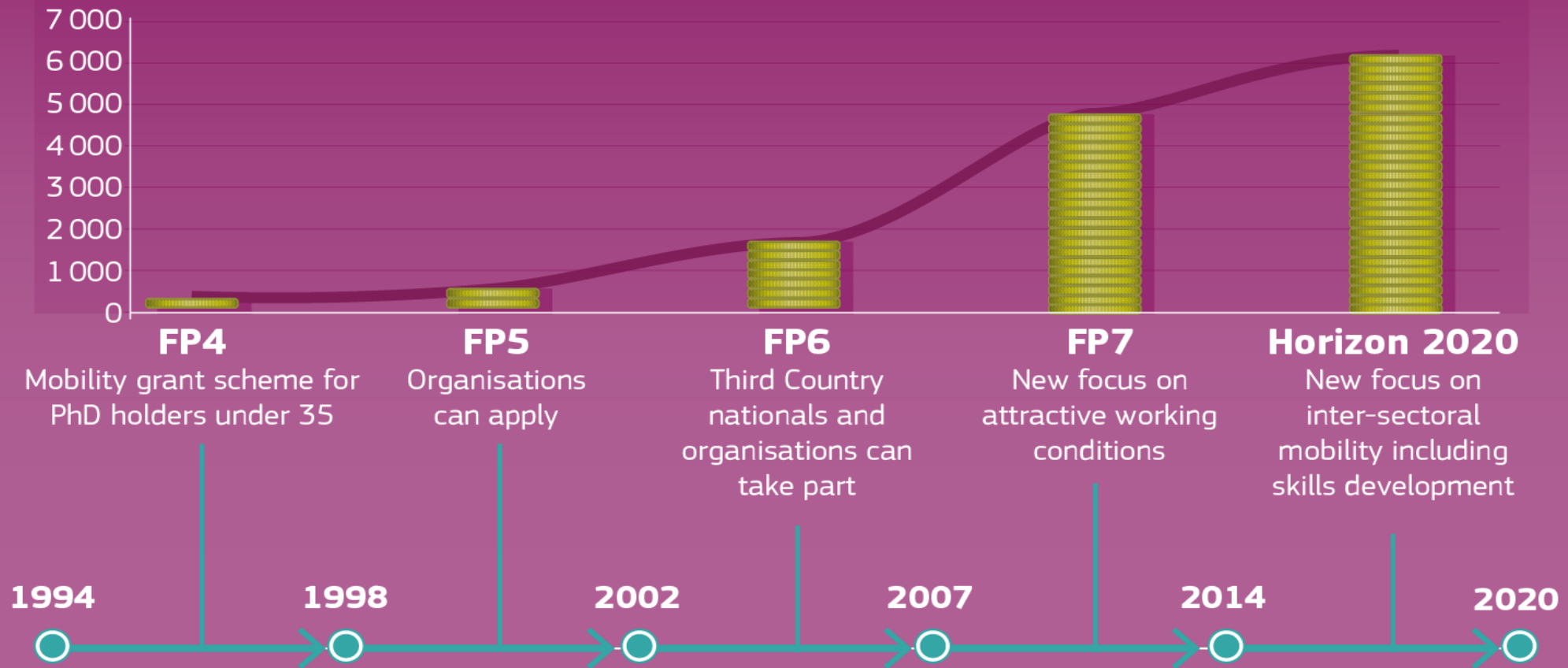


European  
Commission

Research  
Executive Agency

# MSCA evolve to meet Europe's needs

Million EUR



European  
Commission

Research  
Executive Agency

# Zašto učestvovati u MSCA?

Postizanje međunarodne vidljivosti u oblasti nauke i istraživanja

Postizanje kvalitetnih istraživačkih rezultata i referenci

Privlačenje novih istraživača i smanjenje odlaska domaćih istraživača

Mogućnost djelimičnog ili potpunog finansiranja istraživanja

Sticanje novih vještina, znanja, ali i upoznavanje s drugačijim kulturnim i poslovnim ambijentom

Putovanje i upoznavanje novih svjetova

# Osnovni pojmovi – prije nego počnemo!

Academy

Non-  
academic

Early Stage  
Researcher

Experienced  
Researcher

Country  
correction  
co-efficient

Bottom-up  
approach

# MSCA ključne karakteristike

Osigurati **optimalan razvoj i dinamičnu upotrebu evropskog intelektualnog kapitala** radi generisanja novih vještina i inovacija

Podržati razvoj karijere i obučavanja istraživača - sa **fokusom na inovativne vještine** – u svim naučnim oblastima i disciplinama

Obavezna **geografska, interdisciplinarna i intersektorska mobilnost**

Finansiranje putem **grantova** za istraživače u svim fazama razvoja karijere – od doktorskih kandidata do vrhunskih istraživača

Naglasak na **zapošljavanje** istraživača i osiguranje atraktivnih zaposlenja za istraživače

„**Bottom-up**“ pristup

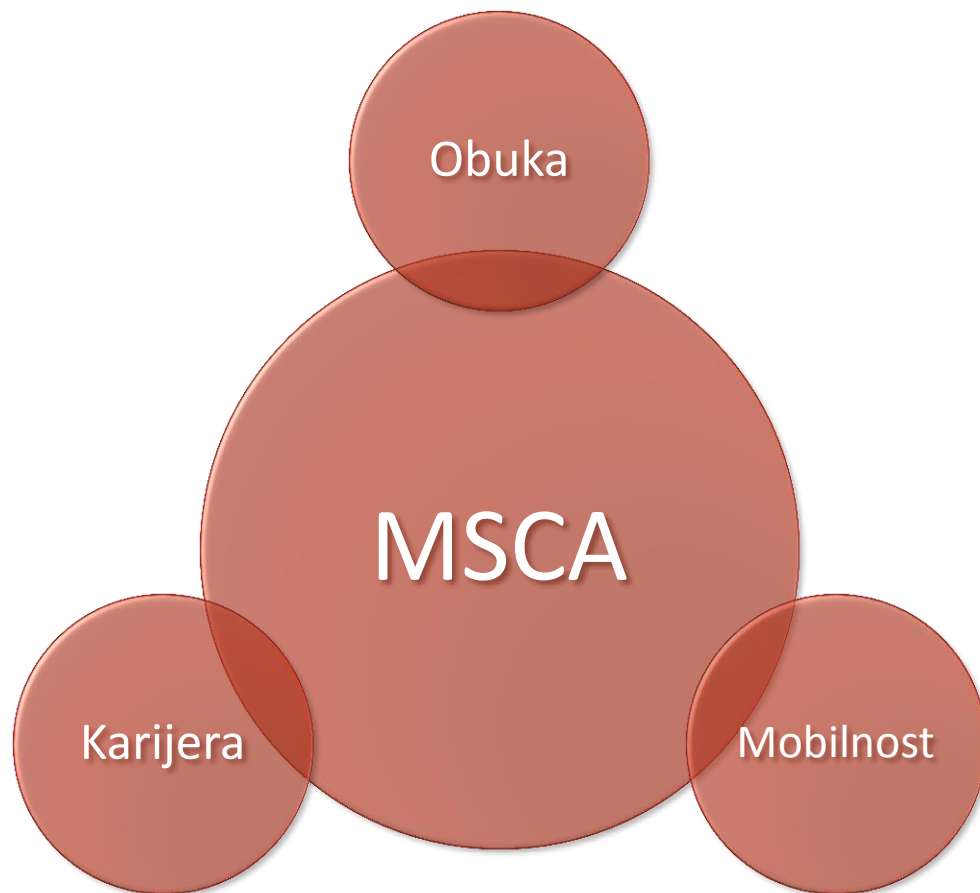


## Budžet 6.2 B€ za period 2014-2020

### Stub - Excellence Science

Finansiraju se sve istraživačke oblasti

Implementacija – REA putem godišnjih poziva za podnošenje prijedloga (Calls for Proposals) na Research Participant Portal-u



# Ocjenjivački paneli u MSCA

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Chemistry (CHE)

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Physics (PHY)

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Mathematics (MAT)

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Life Sciences (LIF)

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Economic Sciences (ECO)

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ICT and Engineering (ENG)

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Social Sciences & Humanities (SOC)

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Earth & Environmental Sciences (ENV)

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# Vrste MSC Akcija

**ITN**

- Innovative Training Networks

**RISE**

- Research & Innovation Staff Exchange

**COFUND**

- Co-financing fellowship or doctoral programmes with transnational mobility

**NIGHT**

- European Researchers' Night

**IF**

- Individual Fellowships

# ITN : Innovative Training Networks

Obučiti novu generaciju kreativnih, inovativnih i preduzetnički orijentisanih istraživača početnika (earllystage)

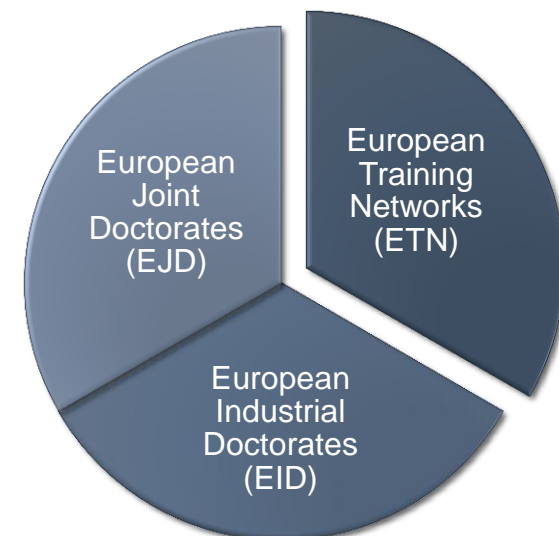
Institucionalna saradnja obučavanjem kroz zajedničko istraživanje ili doktorski program u skladu sa „EU Principles for Innovative Doctoral Training“

Obaveza okončanja PhD studija do kraja projekta

Izložiti istraživače radu u akademskom i ne-akademskom sektoru, dati im vještine (transferable skills) za njihovu inovativnost i zaposlenje (preduzetništvo, komercijalizacija rezultata, IPR, komunikacije.)

Ograničenje - 540 person-months za ETN i EJD, kao i za EID mreže s više od 2 institucije

Ograničenje - 180 person-months za EID s 2 institucije.



# Troškovne kategorije

MSCA	Researcher unit costs			Institutional unit costs	
	Living allowance (EUR/month)	Mobility allowance (EUR/month)	Family allowance (EUR/month)	Research, Training and Networking Cost (EUR/person-month)	Management and Indirect Costs (EUR/person-month)
ITN	3270*	600	500	1800	1200

- \* This amount is then adjusted through the application of a **country correction coefficient** to the living allowance of the country in which the researcher will be recruited – **MNE 64,8%**

# ITN Calls 2018/2019

CALL	Opening Date	Closing Date	Indicative Budget
H2020-MSCA-ITN-2018	12-Oct-2017	17-Jan-2018	ETN = €375M
			EJD = €35M
			EID = €32M
H2020-MSCA-ITN-2019	13-Sep-2018	15-Jan-2019	ETN = €400M
			EJD = €35M
			EID = €35M

## Success rates:

- ETN approx. 6-7 %
- EJD approx. 9-10%
- EID approx. 9-10%

# RISE: Research & Innovation Staff Exchange

Intersektorska i internacionalna razmjena osoblja s ciljem transfera znanja u istraživanju

„osoblje“ u razmjeni --> period 1 – 12 mjeseci aktivnosti umrežavanja

„osoblje“ mora biti povezano s institucijom pošiljaocem najmanje 1 mjesec prije prvog „secondment“-a, a potom reintegrirano (trajanje i mehanizam nisu precizirani)

Sve razmjene između evropskih institucija moraju biti „international“ & „intersectoral“

Razmjene institucija iz Evrope s tzv. Trećim zemljama su „international only“

Max. 540 person/months

Trajanje projekta max. 48 mjeseci

# Troškovne kategorije

MSCA	Staff member unit costs ( EUR per perons-month of secondment)	Institutional unit costs ( EUR per perons-month of secondment)	
		Research, training and networking costs	Management and indirect costs
<b>RISE</b>	<b>2000</b>	<b>1800</b>	<b>700</b>



# RISE Calls 2018-2020

CALL	Opening Date	Closing Date	Call Budget
H2020-MSCA-RISE-2018	27-Oct-2017	21-Mar-2018	€80million
H2020-MSCA-RISE-2019	4-Dec-2018	2-Apr-2019	€80 million

- **Success rate:** cca 20-25%

# COFUND

Sufinansiranje novih ili postojećih višegodišnjih prijedloga regionalnih, nacionalnih ili međunarodnih programa obučavanja, kao i transnacionalne i inter-sektorske mobilnosti

Istraživači u svim fazama razvoja karijere (ESR, ER) – može biti predmetom poziva nakon odobrenja projekta

Poziv treba da uvaži pravila mobilnosti kao u redovnim MSCA

Grant ne može biti dodjeljen istraživačkim timovima

Grant ne može biti dodjeljen osobi zaposlenoj u *hosting* organizaciji

Trajanje projekta 36-60 mjeseci, a angažovanje istraživača u FP je 12-36 mjeseci

# Tipovi COFUND projekata

## DOKTORSKI PROGRAMI

- Adresiraju razvoj i uvećanje istraživačkih kompetencija ESR kroz obuku i principe iz dokumenta [EU Principles on Innovative Doctoral Training](#).
- Obuka za tzv. “transferable skills” uz jačanje kulture otvorene nauke (Open Science)
- Moguće uključivanje ne-akadenskog sektora radi hostinga istraživača
- ***Svaki ESR mora biti upisan na doktorske studije!***
- Pažnja usmjerena i na superviziju i aranžmane mentorstva i vođenja karijere
- Procedure selekcije – otvorene, transparentne i zasnovane na meritumu – međunarodni poziv!
- Upotreba EURAXESS JOBS platforme uz obavezno oglašavanje minimalne bruto plate za istraživača

## PROGRAMI STIPENDIRANJA

- finansiranje individualnih obuka i razvoja karijere iskusnih istraživača (ER)
- Redovni izborni krugovi i/ili “cut-off” datumi za prijavu
- Izbor na osnovu javnog, otvorenog i konkurentnog poziva uz obavezno oglašavanje minimalne bruto plate za istraživača
- Transparentna procedura međunarodne recenzije i izbora
- Tip mobilnosti kao i u MSCA IF – obavezna transnacionalna mobilnost, poželjno i inter-sektorska i interdisciplinarna
- Izbor teme na istraživaču (*bottom-up*)

# Troškovne kategorije

sufinansiranje

MSCA	Researcher unit costs (EUR per persons-month)	Institutional unit costs (EUR per persons-month)
COFUND	ESR - 1855 ER - 2625	325

Suma „životne naknade“ (living allowance), koja podrazumijeva platu, doprinose, takse i druge troškove koji se odnose na isplatu plate po direktnom ugovoru ili njegovom ekvivalentu, i troškove mobilnosti u programu ne smije biti niža od:

**ESR – 2597 EUR/person-month**

**ER – 3675 EUR/person-month**

**RAZLIKU SNOSI INSTITUCIJA KAO VLASTITI UDIO!!!**

# COFUND Calls 2018-2020

CALL	Opening Date	Closing Date	Call Budget
H2020-MSCA-COFUND-2018	12-Apr-2018	27-Sep-2018	€80million DP- €30million FP - €50million
H2020-MSCA-COFUND-2019	4-Apr-2019	26-Sep-2019	€90 million DP- €35million FP - €55million

- **Success rate:** cca 20-25%

Where fun meets science

MSCA-NIGHT-2018  
Deadline 14.2.2018.  
12 MEUR

MSCA-NIGHT-2019  
Deadline 8.1.2020.  
8 MEUR

European Researchers' Night



Meet scientists and  
discover their work



Events in almost  
30 countries  
in over 340 cities



Over 1 million people attend  
each year

Find out more  
<http://ec.europa.eu/research/researchersnight>



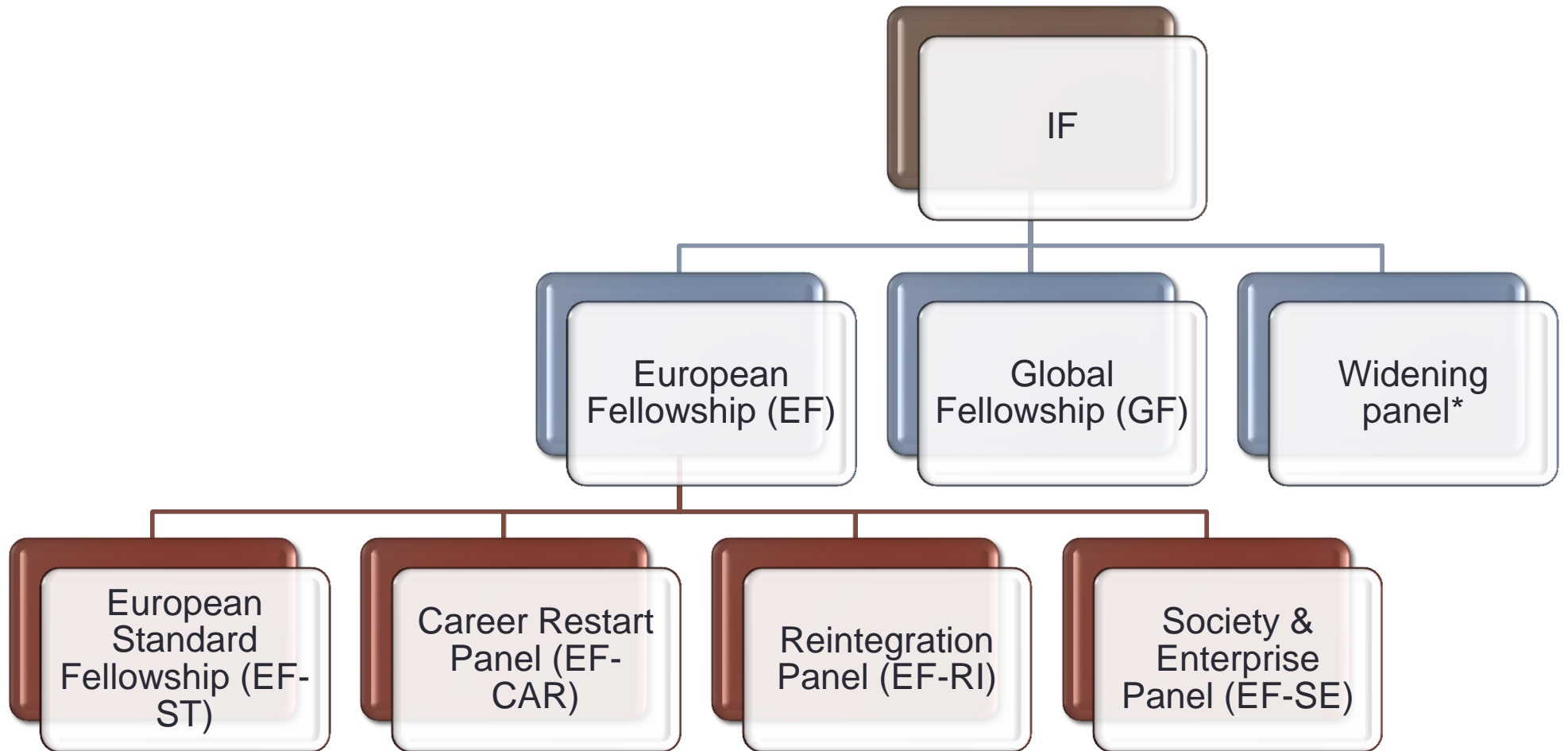
European  
Commission

Research  
Executive Agency

# Kriterijumi ocjenjivanja

Excellence	Impact	Quality and efficiency of the implementation
Quality and credibility of the research/innovation project; level of novelty and appropriate consideration of inter/multidisciplinary, intersectoral and gender aspects	Enhancing the potential and future career perspectives of the staff members	Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources
Quality and appropriateness of knowledge sharing among the participating organisations in light of the research and innovation objectives.	Developing new and lasting research collaborations, achieving transfer of knowledge between participating organisations and contribution to improving research and innovation potential at the European and global levels	Appropriateness of the management structures and procedures, including quality management and risk management
Quality of the proposed interaction between the participating organisations	Quality of the proposed measures to exploit and disseminate the project results	Appropriateness of the institutional environment (hosting arrangements, infrastructure)
	Quality of the proposed measures to communicate the project activities to different target audiences	Competences, experience and complementarity of the participating organisations and their commitment to the project
50%	30%	20%
<b>Weighting</b>		
1	2	3
Priority in case of <i>ex aequo</i>		

# Individual Fellowships



\* Funded by SEWP budget, not MSCA



# Modaliteti učešća



INDIVIDUAL FELLOWSHIPS		EUROPEAN (EF)				GLOBAL
		ST	CAR	RI	SE	GF
EXPERIENCED RESEARCHERS	Nationality	ANY	ANY	MS, AC or long-term residents	ANY	MS, AC or long-term residents
	Mobility	From ANY country to MS or AC	From ANY country to MS or AC	From TC directly to MS or AC <i>(location of the host institution)</i>	From ANY country to MS or AC	From ANY country to TC then to MS/AC
		≤ 12 months in the last 3 years	≤ 36 months in the last 5 years	≤ 36 months in the last 5 years	≤ 36 months in the last 5 years	≤ 12 months in the last 3 years
	Career break in research	-	≥ 12 months prior to call deadline	-	-	-
PARTICIPANTS	Beneficiary	MS or AC	MS or AC	MS or AC	MS or AC Non-academic only	MS or AC
	Entity with a capital or legal link	MS or AC	MS or AC	MS or AC	MS or AC Non-academic only	MS or AC
	Partner Organisation	MS or AC	MS or AC	MS or AC	MS or AC (both academic and non-academic)	Outgoing phase (mandatory): TC Secondment (optional): MS or AC
DURATION (months)		12 to 24	12 to 24	12 to 24	12 to 24	12 to 24 + 12
SCIENTIFIC AREAS		8	8	8	8	8
NUMBER OF RANKING LISTS		8	1	1	1	8

# IF – European and Global



Mobility Rule: Cannot apply for a fellowship in a country where you have lived or worked/studied for > 12 months in the 3 years prior to the Call deadline

For Reintegration/Career Restart/Society-Enterprise Panel: no more than > 3 years in the 5 years prior to the Call deadline

European Fellowships

2 years

1. Standard
2. Reintegration
3. Career Restart
4. Society/Enterprise

Global Fellowships



2 – 3 years (incl. 12 months back in Europe)

# Troškovne kategorije

MSCA	Researcher unit costs			Institutional unit costs	
	Living allowance (EUR/month)	Mobility allowance (EUR/month)	Family allowance (EUR/month)	Research, Training and Networking Cost (EUR/person-month)	Management and Indirect Costs (EUR/person-month)
IF	4650*	600	500	800	650

- \* This amount is then adjusted through the application of a **country correction coefficient** to the living allowance of the country in which the researcher will be recruited – **MNE 64,8%**

# Primjer obračuna budžeta EF-ST

## BUDGET CALCULATOR IF-EF-2017

Input	Do you have family obligations ?	Duration of Fellowship in Months	Country in which fellowship will take place, and its country correction coefficient (CCC)	
	No	24	Germany	98.80%

Reference - Work Programme	Researcher Unit Cost (person/month)			Institutional Unit Cost (person/month)	
	Living allowance	Mobility allowance	Family allowance	Research, training and networking costs	Management and indirect costs
	EUR 4,650.00	EUR 600.00	EUR 500.00	EUR 800.00	EUR 650.00

YOUR APPLICATION	Researcher costs			Institutional costs	
	Living allowance	Mobility allowance	Family allowance	Research, training and networking costs	Management and indirect costs
	EUR 4,650.00 x 24 x CCC Germany = EUR 4,650.00 x 24 x 98.80%	EUR 600.00 x 24	n/a	EUR 800.00 x 24	EUR 650.00 x 24
EUR 110,260.80	EUR 14,400.00	EUR 0.00	EUR 19,200.00	EUR 15,600.00	
EUR 124,660.80			EUR 34,800.00		
EUR 159,460.80					

# Primjer obračuna budžeta GF

BUDGET CALCULATOR IF-GF-2017							
Input	Do you have family obligations ?	Duration of Outgoing Fellowship in Months	Third Country in which the outgoing phase of the fellowship will take place, and its country correction coefficient (CCC)		Host Country in which the return phase of the fellowship will take place, and its country correction coefficient (CCC)		
		Yes	24	United States	99.40%	Spain	97.60%
<i>plus 12 month mandatory return phase</i>							
Reference - Work Programme	Researcher Unit Cost (person/month)			Institutional Unit Cost (person/month)			
	Living allowance	Mobility allowance	Family allowance	Research, training and networking costs	Management and indirect costs		
	EUR 4,650.00	EUR 600.00	EUR 500.00	EUR 800.00	EUR 650.00		
	Researcher costs			Institutional costs		total per phase	
	Living allowance	Mobility allowance	Family allowance	Research, training and networking costs	Management and indirect costs		
Your application	Calculations	EUR 4,650.00 x 24 x CCC United States = EUR 4,650.00 x 24 x 99.40%	EUR 600.00 x 24	EUR 500.00 x 24	EUR 800.00 x 24	EUR 650.00 x 24	EUR 172,130.40
	Outgoing phase	EUR 110,930.40	EUR 14,400.00	EUR 12,000.00	EUR 19,200.00	EUR 15,600.00	
	Calculations	EUR 4,650.00 x 12 x CCC Spain = EUR 4,650.00 x 12 x 97.60%	EUR 600.00 x 12	EUR 500.00 x 12	EUR 800.00 x 12	EUR 650.00 x 12	EUR 85,050.80
	Return phase	EUR 54,460.80	EUR 7,200.00	EUR 6,000.00	EUR 9,600.00	EUR 7,800.00	
	Total	EUR 204,991.20			EUR 52,200.00		
<b>EUR 257,191.20</b>							

# Kriterijumi ocjenjivanja

Excellence (50%) Priority 1	Impact (30%) Priority 2	Implementation (20%) Priority 3
Quality and credibility of the <b>research/innovation</b> ; level of novelty, appropriate consideration of inter/multidisciplinary and gender aspects	Enhancing the potential and future <b>career prospects</b> of the researcher	Coherence and effectiveness of the <b>work plan</b>
Quality and appropriateness of the <b>training</b> and of the two-way <b>transfer of knowledge</b> between the researcher and the host	Quality of the proposed measures to <b>exploit</b> and <b>disseminate</b> the research results	Appropriateness of the allocation of tasks and resources
Quality of the <b>supervision</b> and the <b>integration</b> in the team/institution	Quality of the proposed measures to <b>communicate</b> the project activities to different target audiences	Appropriateness of the <b>management</b> structures and procedures, including risk management
Capacity of the <b>researcher</b> to reach or re-enforce a position of professional maturity/independence		Appropriateness of the institutional <b>environment</b> (infrastructure)

# IF Calls 2016/2017

CALL	Opening Date	Closing Date	Total Call Budget
H2020-MSCA-IF-2018	12-Apr-2018	12-Sep-2018	€273 million
H2020-MSCA-IF-2017	11-Apr-2019	114-Sep-2019	€295.62 million



- **Success rates:**
- EF ~ 18%; GF ~ 11%

# Životni ciklus

## Registracija na PP

- Iako je „Individual“ projekat mora prijaviti „hosting“ institucija
- Istraživač mora takođe biti registrovan na PP

## Sporazum s supervizorom

- Izrada plana istraživanja
- Dogovor oko pisanja aplikacije i prijavljivanja

## Prijavljivanje i ugovaranje

- Podnošenje aplikacije
- Ugovaranje s Evropskom Komisijom

## Ugovaranje istraživača

- Potpisivanje ugovora za istraživača
- Realizacija aktivnosti

## Zatvaranje projekta

- Kontinuirano izvještavanje
- Završni izvještaj



# Aplikacija

## Part A – Administrative forms

- Popunjava se on-line
- Potreban ECAS nalog i PIC

## Part B – The proposal

- Potrebno „skinuti“ templatejt
- Popuniti i „upload“-ovati kao PDF dokument
- Moguće podnijeti više puta, ali se samo zadnja verzija ocjenjuje
- Paziti na „deadline“!!!

# Aplikacija (2)

## Part B1 – 13 str.

- Početna str. – 1 str.
- Sadržaj – 1 str.
- Lista učesnika – 1 str.
- Sadržaj – 10 str.
  - 1.Excellence
  - 2.Impact
  - 3.Implementation (sa Gantovom tabelom)

## Part B2 – nema ograničenja broja stranica

- 4.Biografija istraživača -5 str.
- 5.Kapaciteti organizacije (tabele)
- 6.Etički aspekti
- 7.Letter of Commitment (obavezno!)

- Višak stranica u B1 neće biti razmatran!!!
- Potrebno napraviti dva PDF fajla i oba „upload“-ovati!!!

# Tips and hints!

Proučiti sva dokumenta, a posebno „Guide for Applicant“

Blagovremeno dobiti saglasnost institucija za učešće i dogovoriti učešće supervizora

Nastojte imati ne-akademski sektor u projektu, kao i pitanja etike i polne ravnopravnosti

Sa supervizorom razraditi koncept i sve detalje radnog plana

Koristite templejte samo s PP, poštujujte tehničke zahtjeve popunjavanja aplikacije, fontove, broj stranica...

Umjesto teksta koristite tabele, dijagrame, slike i sl.

Pišite jasnim jezikom, izbjegavajte žargon, budite konzistentni u upotrebi jezika

# Tips and hints! (2)

Pišite ili u 1. ili 3. licu jednine, ali budite konzistentni

Izbjegavajte kopiranje teksta i ponavljanje misli i fraza

Literaturu referencirajte u fusnotama, veličina 8 ili 9 pts.

Koristite alate za naglašavanje teksta (bold, italic, underline) ali ne pretjerujte

Objasnite i detaljno opišite svaki očekivani uticaj (*Expected impact*) predviđen pozivom

Dokažite kvalitet istraživanja, kandidata i supervizora – radovi, patenti...

Opišite detaljno „State-of-art“ i kako vaše istraživanje daje naučni doprinos...

Indikatore uspješnosti i efektivnosti za diseminaciju, komunikaciju i „outreach“ postaviti što realnije, kvalitativno i kvantitativno (SMART)

# HVALA ZA PAŽNJU!!!

- Dalibor Drljača
- Nezavisni univerzitet Banja Luka
- Europrojekt centar Banja Luka
  
- [drljacad@gmail.com](mailto:drljacad@gmail.com)
- <http://www.drljacad.com>
- <http://www.eupc.rs.ba>