

H2020 – Marie Skłodowska-Curie Actions Research and Innovation Staff Exchange (MSCA RISE)



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Univerzitet u Beogradu – Farmaceutski fakultet

Beograd, 10. maj 2019.

Brankica Filipić, Marin Jukić, Miron Sopić, Ines Nikolić



H2020 – Marie Skłodowska-Curie Actions (MSCA)

Pregled mogućnosti

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MARIE SKŁODOWSKA-CURIE ACTIONS

H2020 – Marie Skłodowska-Curie Actions

Pregled mogućnosti



ITN
Innovative Training Networks

What does it offer?
High-quality research training delivered through international and interdisciplinary networks, industrial doctorates or joint doctorates

Who applies?
International networks of research organisations from the academic and non-academic sectors

Who is funded?
Researchers at doctoral level (less than four years of full-time research experience and no doctoral degree)

~6%



IF
Individual Fellowships

What does it offer?
Opportunities to work on personal research projects by moving between countries and possibly sectors to acquire new skills

Who applies?
Individual researchers together with the host organisation

Who is funded?
Postdoctoral researchers

~12%



RISE
Research and Innovation Staff Exchange

What does it offer?
The exchange of staff members involved in research and innovation to develop sustainable collaborative projects and the transfer of knowledge

Who applies?
International networks of research organisations from the academic and non-academic sectors

Who is funded?
Researchers, technical, administrative and managerial staff of any nationality and at all career levels

~27%



uz konstantan trend rasta

~13%



COFUND
Co-Funding of Regional, National and International Programmes

What does it offer?
Regional, national or international programmes to foster excellence in researchers' training, mobility and career development

Who applies?
Organisations funding or managing doctoral programmes or fellowship programmes

Who is funded?
Researchers at doctoral and postdoctoral level

Stopa uspešnosti u 2018. godini:

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RISE projekti imaju za cilj uspostavljanje multidisciplinarne međunarodne i međusektorske saradnje, koja promoviše razmenu znanja i iskustava kroz aktivnosti usmerene ka ostvarivanju konkretnog cilja, tj. proizvoda, procesa i/ili usluga koji su rezultat zajedničkog istraživačkog rada na projektu.

RISE predstavlja jedinstven program u okviru MSCA jer, uz očekivanu podršku inovativnim idejama, potpomaže održivu saradnju između privrede i akademije. Sve se sprovodi uz interkulturalnu razmenu, što se ističe kao posebna vrednost.

Ciljevi H2020 MSCA RISE projekata



Uspostavljanje čvršćih veza između istraživanja i tržišta

Transfer kreativnih ideja u inovativni proizvod/proces/uslugu

Promocija internacionalne i intersektorske saradnje

Izgadnja i karijerno napredovanje uključenih istraživača kroz jedan multidisciplinarni pristup



H2020-MSCA-RISE projekti

- Chemistry
- Social Sciences and Humanities
- Economic Sciences
- Information Science and Engineering
- Environment and Geosciences
- Life Sciences
- Mathematics
- Physics

8 naučnih oblasti



- Svaki projektni predlog ocenjuju barem 3 recenzenta
- Rangiranje se vrši posebno za svaku oblast

Evaluacija projekata



- Neophodno učešće i akademskog i neakademskog sektora
- Early stage researcher
- Experienced researcher

Ko može učestvovati



- Finansijska sredstva i za instituciju i za istraživače se ostvaruju isključivo kroz istraživačke boravke
- Unit cost: 4600 eura

Finansiranje



H2020-MSCA-RISE - CILJEVI



Partnerstvo

Akademске i neakademске organizacije

Evropa i ostatak sveta



Razmena osoblja

Implementacija projekta kroz razmenu osoblja

Razmena osoblja u trajanju 1-12 meseci

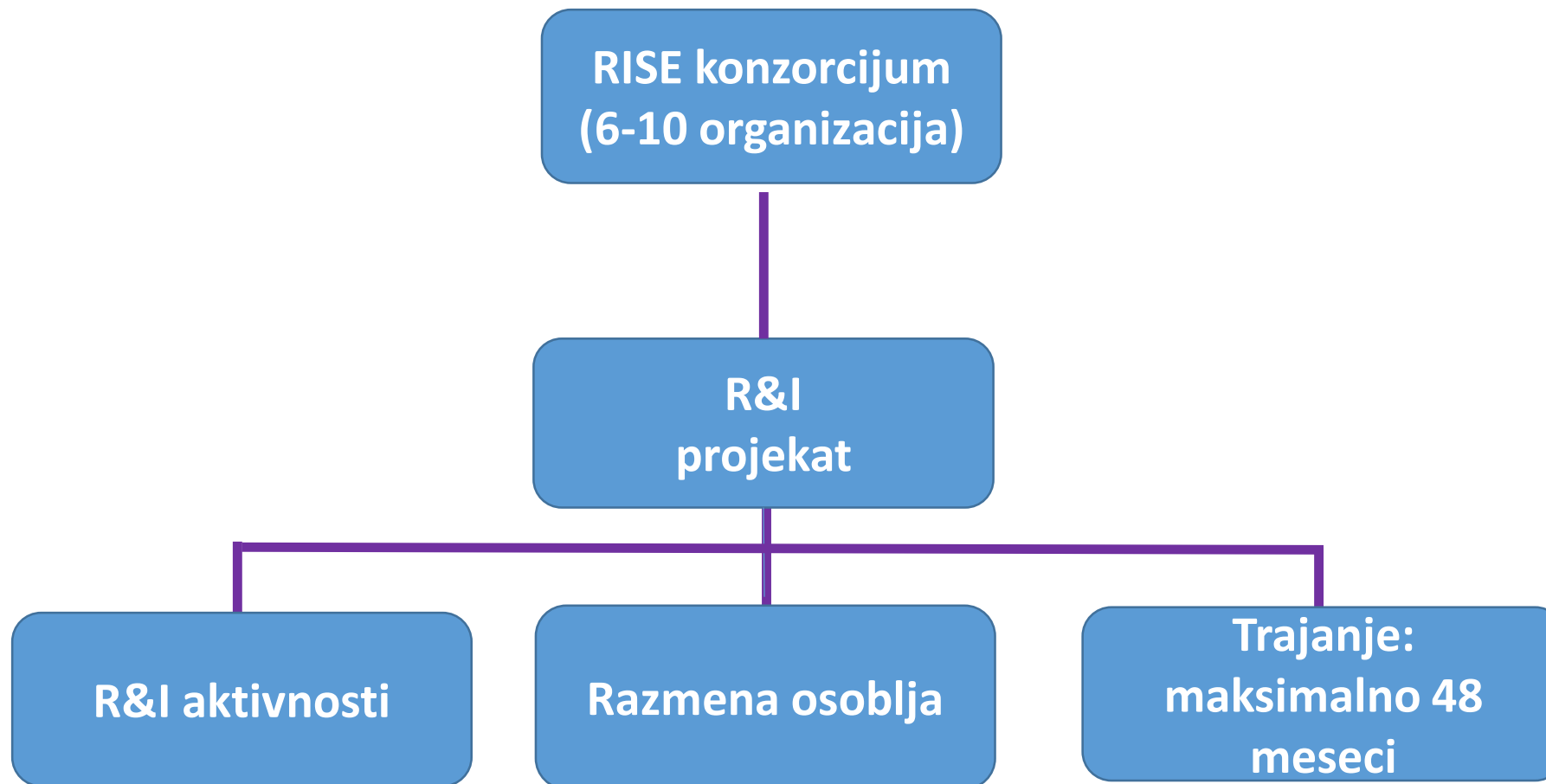


Transfer znanja

Internacionalni inter-sektorski transfer znanja

Razmena ideja

RISE PROJEKAT



MSCA-RISE - Ko se može prijaviti?



AKADEMSKI SEKTOR

- ✓ Državne/privatne visokoobrazovne institucije
- ✓ Državne/privatne neprofitne organizacije čija je osnovna delatnost istraživački rad
- ✓ Internacionalne organizacije (npr. CERN, EMBL)



NEAKADEMSKI SEKTOR

- ✓ Bilo koja organizacija koja nije uključena u akademski sektor
- ✓ Npr. kompanije, nevladine organizacije, muzeji, **bolnice**
- ✓ Internacionalne organizacije (npr. UN, SZO)

MSCA-RISE - KONZORCIJUM



- **Članice EU, Member States (MS)**

Austrija, Italija, Belgija, Bugarska, Letonija, Litvanija, Hrvatska, Luksemburg, Kipar, Malta, Češka Republika, Holandija, Danska, Poljska, Estonija, Portugalija, Finska, Rumunija, Francuska, Slovačka, Nemačka, Slovenija, Grčka, Španija, Mađarska, Švedska, Irska, Ujedinjeno Kraljevstvo

- **Pridružene zemlje-Associated Countries (AC)**

Island, Norveška, Albanija, Bosna i Hercegovina, Makedonija, Crna Gora, Srbija, Turska, Izrael, Moldavija, Švajcarska, Ukrajina, Tunis, Jermenija, Gruzija, Farska Ostrva

- **Treće zemlje- Third Countries (TC)**

Zemlje koje se ne mogu svrstati ni u MS ni u AC grupu zemalja. Različit status u pogledu EU finansiranja. **Primer zemalja koje nemaju pravo na finansiranje, a mogu biti deo konzorcijuma: SAD, Kanada, Australija, Japan, Kina, Indija, Meksiko, Novi Zeland, Rusija, Brazil...**

MSCA-RISE – Konzorcijum - minimalni uslovi

Prilikom formiranja RISE konzorcijuma, treba obratiti pažnju na sledeća tri elementa:

- **Institucije** → najmanje tri organizaciono nezavisne institucije;
- **Zemlje** → institucije su iz tri različite zemlje, od čega najmanje dve moraju biti različite MS i/ili AC zemlje;
- **Sektori** → kod konzorcijuma koje čine samo MS/AC zemlje, najmanje jedna institucija treba da pripada drugom sektoru (akademsom ili neakademsom)

MSCA-RISE - Kako pronaći partnera za vaš projekat?

Partner search possibility

Partner Search

32 Organisations are looking for collaborating partners for this topic

[View / Edit](#)

LEARs, Account Administrators or self-registrants can publish partner requests for open and forthcoming topics after logging into this Portal.

[Go to top](#)

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/partner-search>

Select your type of action to start submission

To access the Electronic Submission Service, please click on the submission-button next to the type of action that corresponds to your proposal. You will then be asked to co these cannot be changed in the submission system. Upon confirmation, you will be linked to the correct entry point.

To access existing draft proposals for this topic, please login to the Participant Portal and select the My Proposals page of the My Area section.

Type of Action: Marie Skłodowska-Curie Research and Innovation Staff Exchange (RISE) [MSCA-RISE]

[Start SUBMISSION](#)

Partner Search list

Results: 32

[Download excel list of partners](#)

ORGANISATION NAME	REQUEST DATE	ORGANISATION TYPE	COUNTRY	EXPERTISE REQUEST OR OFFER	ACTIONS
Center of mechatronic and autonomous system, Tallinn University of Technology <small>The center of mechatronics and autonomous systems in Tallinn University of Technology currently has 16 full-time staffs including 2 professors, 6 researchers, 4 PhD students. It currently has five (5) state-of-the-art laboratories including Machine Vision Laboratory, Robotics Control Laboratory, Mechatronics Systems Research Laboratory, and Industrial Robotics Laboratory. It has conducted more than 40 research projects and published 100 research papers</small>	28-Feb-2019	International Organisation	EE	Expertise request	Actions
Inovation Group Services <small>IGS is an education resources, services and technology company dedicated to help small enterprises to maximise success through every stage of the learning lifecycle by prioritising knowledge exchange. The company main goal is to establish and develop corporate e-learning and blended learning strategies and innovative platforms by integrating the latest digital tools. IGS has an extended experience in developing e-learning methodologies, specially designed for the needs of the companies.</small>	20-Feb-2019	Private for profit organisation	BG	Expertise offer	Actions
"BUDAKOV FILMS" EOOD <small>The company's main goal is to create creative strategies in terms of Visual Arts and to develop innovative e-learning and mobile learning technologies that move beyond the traditional ones.</small>	20-Feb-2019	Private for profit organisation	BG	Expertise offer	Actions

Primeri RISE konzorcijuma

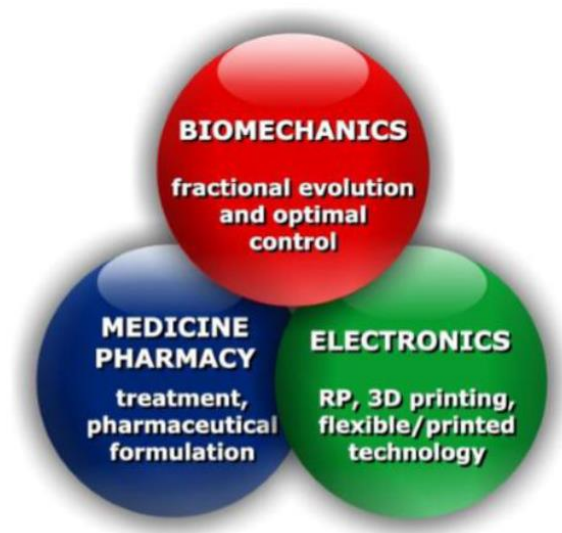
Table 1A – Example of planning of RISE Action (Intersectoral)

Field of activity¹⁰	Chemistry (CHE)
Consortium composition	Four Beneficiaries <ul style="list-style-type: none">• three MS/AC academic (Spain, Iceland, Austria);• one MS non-academic (Sweden).
R&I goal	Test new chemical compounds to be included in the formulation of new drugs.
Impact and complementarity of collaboration	The three academic Beneficiaries bring knowledge and expertise to the design, preparation and purification of new chemical compounds, whereas the non-academic Beneficiary is an expert in the production and scaling-up the chemical processes to manufacture drugs.
Planning of secondments to reach R&I goals	There are five Work Packages (WP) (three on R&I activities and two related to management and dissemination/communication activities) and 15 deliverables. The planning of the required PM to achieve these deliverables indicates 100 PM for a total of 15 secondments (with an average duration of six months) and involving the exchange of ESR and ER staff members in the three WPs on R&I activities only.

Primeri RISE konzorcijuma

Table 1B – Example of planning of RISE Action (International)

Field of activity	Social Sciences and Humanities (SOC).
Consortium composition	12 participating organisations established in MS/AC (total of seven Beneficiaries) and TC (total of five TC Partner organisations): <ul style="list-style-type: none">• four MS academic (Romania, Bulgaria, Latvia, Czech Republic);• one AC academic (Norway);• two MS non-academic (Lithuania, Slovenia);• five TC (Colombia, Indonesia, Canada, Thailand, Tanzania).
R&I goal	This consortium addresses urban vulnerability with regard to preparedness and resilience and the reshaping of how humanitarian action and development aid is undertaken in urban areas.
Impact and complementarity of collaboration	Each participating organisation brings its own specific know-how and expertise in urban contexts that will transcend disciplines and sectors to design a new resilience and preparedness paradigm to respond to urban challenges. This type of RISE consortium arrangement offers the full range of possibilities of exchanges internationally and cross-sectorally. European researchers benefit from these exchanges and in addition the European Beneficiaries benefit by attracting talent from TC.
Planning of secondments to reach R&I goals	There are four WP (two technical and two related to management and dissemination/communication activities) and 10 deliverables. The planning of the required PM to achieve these deliverables is estimated to require a total of 250 PM, with 50 secondments (with an average duration of five months) involving only ER in the two WPs on R&I activities only.



Multidisciplinarnost

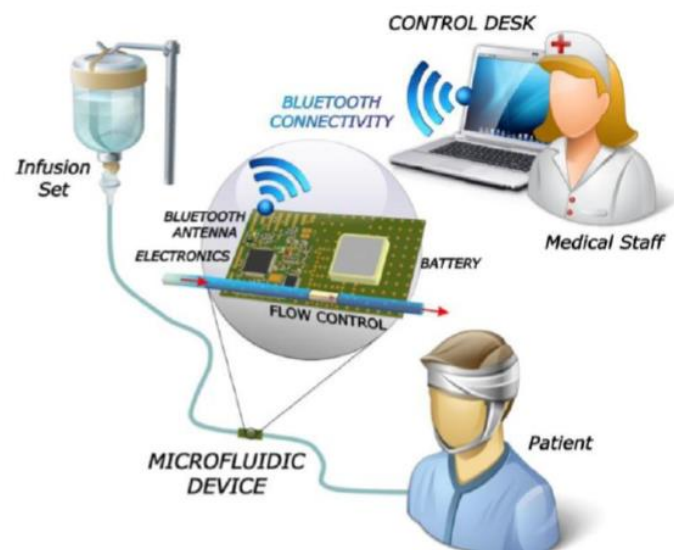


Figure 3. Illustration of microfluidic device with included electronics

Proizvod/usluga



Rodna jednakost

Ko može učestvovati u mobilnosti (*secondment*)?

Mladi istraživači (*Early stage researchrs*) – u trenutku mobilnosti 1-4 godine istraživačke karijere (bez doktorata)

Iskusni istraživači (*Experienced researchrs*) – u trenutku mobilnosti moraju imati doktorat ili najmanje 4 godine istraživačke karijere



Menadžment



Tehničari



Administracija

Osoba koja učestvuje u mobilnosti mora biti u punom radnom odnosu **najmanje mesec dana** pre ostvarivanja mobilnosti !!!

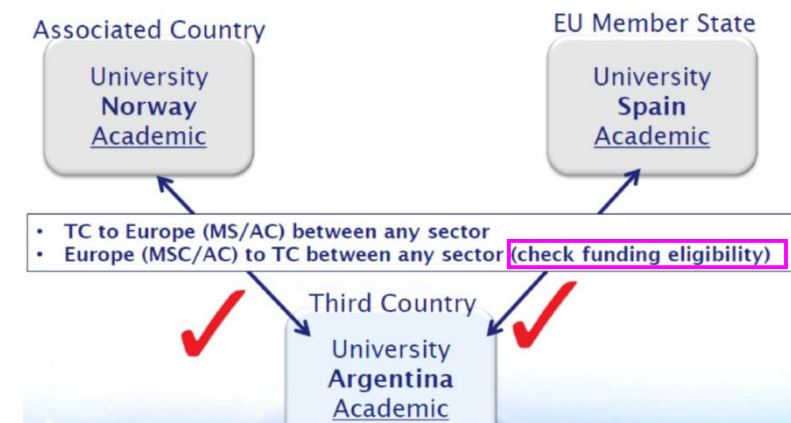
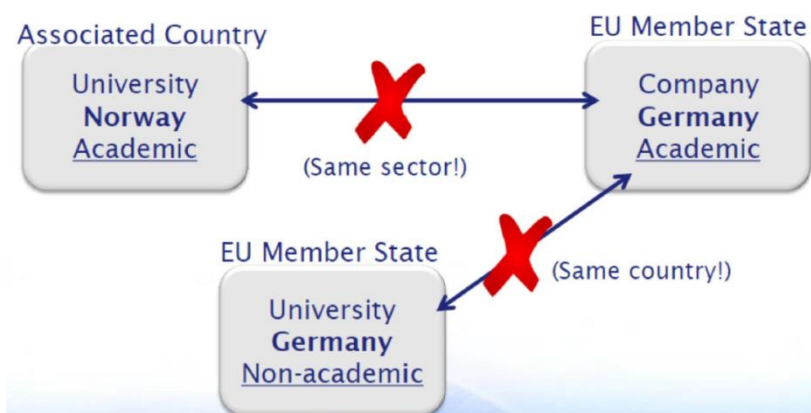
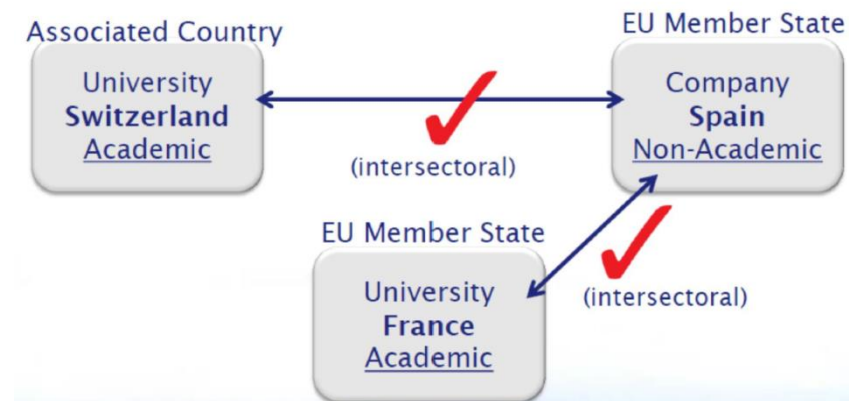
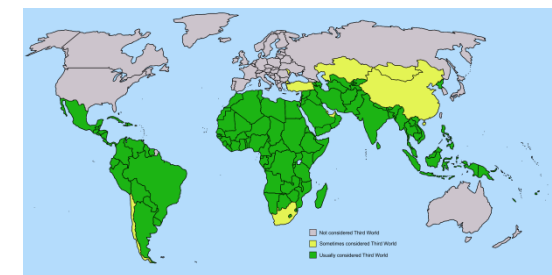
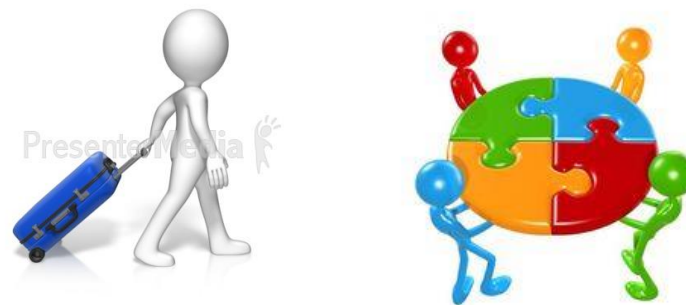


Pravila mobilnosti (*eligible/ineligible secondments*)



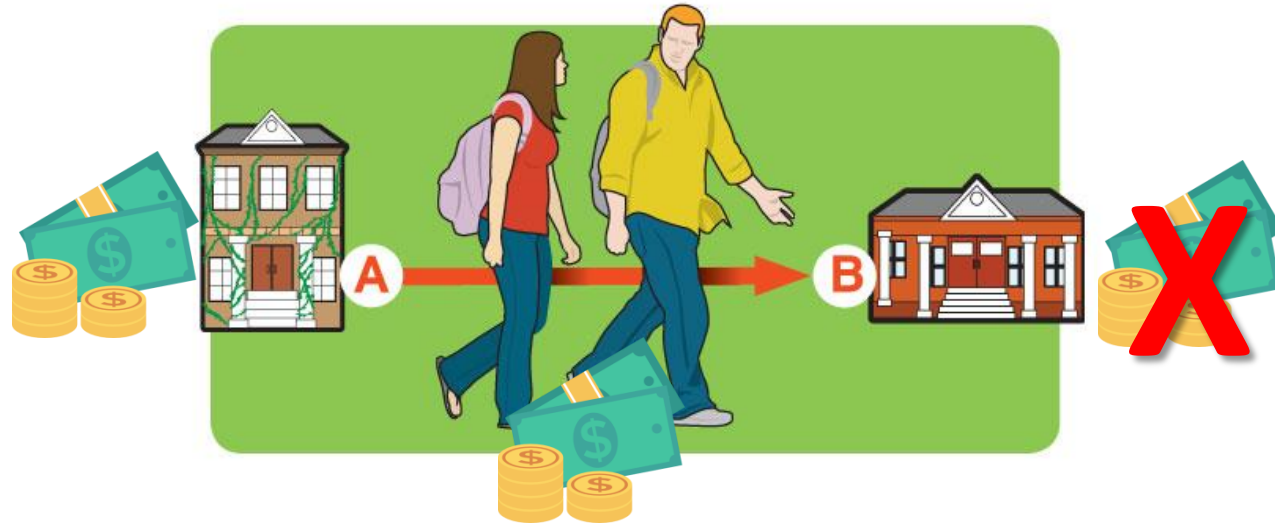
Mobilnost između MS/AC može biti ostvarena samo između organizacija koje su :

- u različitim zemljama
- deo različitih sektora



Osnovno pravilo finansiranja mobilnosti

Da bi institucija dobila novac, njeno osoblje **MORA** da učestvuje u mobilnosti!!!



Trajanje mobilnosti tokom projekta po osobi: **1 do 12 meseci!!!**

12 meseci se može podeliti na više različitih mobilnosti u različitim institucijama, ali ni jedna mobilnost ne sme da traje kraće od mesec dana.



Raspodela finansijskih sredstava tokom mobilnosti



⚠ Important! The salary of the seconded staff members or any other type of remuneration is not covered by the EU contribution. Therefore, the Beneficiaries and TC Partner organisations are expected to continue paying the staff member's salary (or any other type of remuneration) during their stay abroad.

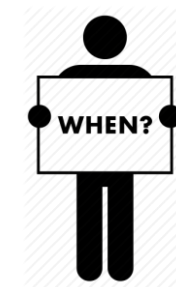
⚠ Important! Note that any secondments planned to do "purely management activities" (e.g. project coordination meetings, report drafting, etc.) will not be supported.

Plan mobilnosti



Pri samoj aplikaciji potrebno je podneti plan mobilnosti kompletnog osoblja i svih institucija za ceo period trajanja projekta !!!

From (column) - To (row)	UPV/EHU	BCAM	INRIA	BSC	Company TOTAL	UC	PUCV	USM	KAUST	UT	TOTAL (Outgoing)
UPV/EHU					2	6	4	2	3	11	28
BCAM					2	5	2	6	4	4	23
INRIA					0	0	5	3	0	10	18
BSC					5	0	0	0	4	5	14
Company TOTAL	2	1		2		0	0	0	2	1	8
UC	5	6	2	0	0						13
PUCV	4	3	3	1	0						11
USM	3	3	5	3	0						14
KAUST											0
UT											0
TOTAL (Incoming)	14	13	10	6	9	11	11	11	13	31	129





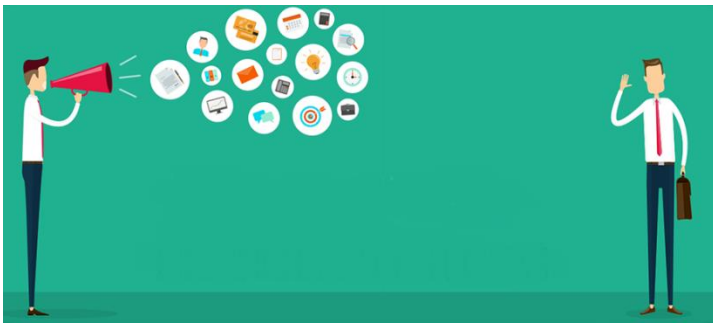
Mobilnost (secondments)



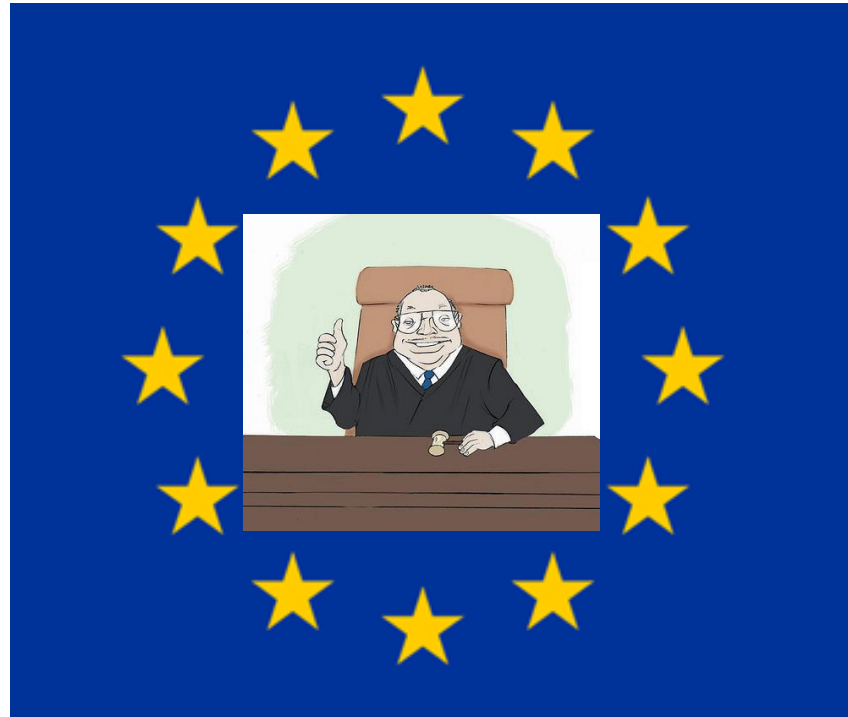
Diseminacija



Networking



Obaveštavanje javnosti



Menadžment

Izvršnost Uticaj Realizacija

- Kriterijumi za ocenjivanje kompetitivnih projekata u Evropi
 - Ocene za svaku od tri stavke su od 1 do 5
 - Excellence ocena nosi 50% težine

Budžet Fonda za nauku 2020

Kraj desetogodišnjih nacionalnih projekata



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Добродошли у Фонд за науку
Републике Србије.

Фонд за науку Републике Србије је државна организација која пружа подршку научно-истраживачкој делатности. Основан је у децембру 2018. године са циљем да се обезбеде подршка и услови за континуирани развој научно-истраживачких и развојних активности у Републици Србији, неопходних за напредак друштва заснованог на знању.



Изврсност

Фонд за науку подржава пројекте са јасним и одрживим циљевима, концептом и систематичном и добро осмишљеном методологијом рада. Висок ниво научне изврсности, квалитета и иновативности идеја представља фундаменталну вредност свих пројеката Фонда.



Утицај

Пројекти треба да допринесу решавању релевантних друштвених тема. Квалитет предлога оцењује се на основу употребне и дисеминационе вредности очекиваних резултата. Пројектне активности и резултати представљају се различитим циљним групама.



Реализација

Пројекти поседују ефикасан плана рада и усклађеност средстава са циљевима, задацима и очекиваним резултатима. Вреднује се комплементарност учесника и висок ниво експертизе тима као целине. Учесници имају ресурсе и знање да испуне улогу и додељене задатке на пројекту.

Evropski projekti imaju template i pišu se na **određeni način** koji postaje realnost i u Srbiji

Izazovi:

1. Razumeti na koji način se pišu EU projekti (Exelence, Impact, Implementation)
2. Implementirati vrlo specifičnu šemu finansiranja RISE tako da projekat i dalje ima kvalitet

Kvalitetna ideja ima veliku šansu da uspe! Mnogi se ne upuštaju u ovo...

Excellence - Izvrsnost



Hipoteza je alfa i omega

- Hypothesis – Therapeutic drug monitoring can improve therapy
- Scientific question – Can TDM improve drug therapy?
- Objective – To evaluate whether TDM can improve drug therapy

Korak 1 – Napravite hipotezu takvu je jasno da je njeno testiranje važno, čak i po cenu da se dokaže da nije tačna

Korak 2 – Svaka rečenica ili sintagma koja (1) ne daje snagu hipotezi i ne opisuje njenu naučnu zasnovanost, (2) ne opisuje metode koje omogućavaju testiranje hipoteze ili (3) ne opisuju dodatnu vrednost ako se hipoteza pokaže uspešno **su nepotrebne i treba ih obrisati**

SotA – State of the Art – Motivacija

- Definiše se naučni problem u svetlu trenutne situacije
- Daje snagu i naučnu podlogu hipotezi
- Niko ne može da garantuje da će hipoteza biti uspešna, ali mora se motivisati kako je do nje došlo, inače je to spekulacija, a ne hipoteza

- Mora se istaći aktuelnost problema (novije reference)
- Mora se istaći važnost problema
- Moraju se istaći implikacije za ostala naučna polja

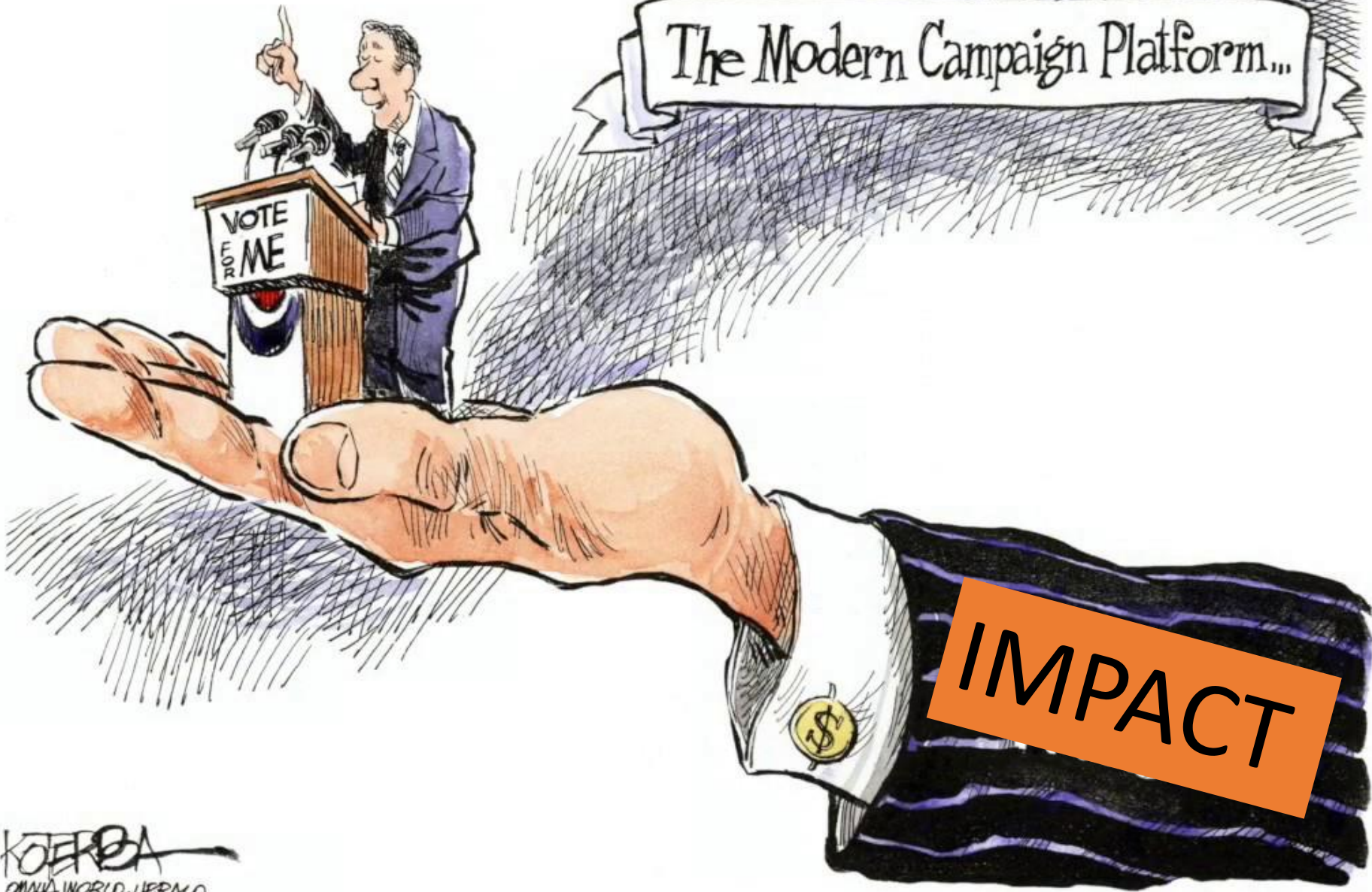
Metode i opis konzorcijuma

- Adekvatnost i aktuelnost primenjene metodologije
- Naučna izvrsnost pojedinačnih partnera (radovi, patenti, nagrade...)
- Kompatibilnost i multidisciplinarnost institucija koje učestvuju

Dodata vrednost (u naučnom smislu)

- State of the Art – Trenutno stanje u naučnom polju – Najbolje moguće u trenutnim okolnostima – Granice nauke
- Treba objasniti kako će se ovo promeniti ukoliko hipoteza bude dokazana
- Uvek treba imati plan B (Šta ako se pokaže da je hipoteza pogrešna)
- Nekoliko sporednih ciljeva – ali mora biti jasno koja je hipoteza glavna
- RISE favorizuje sigurnije, a manje ambiciozne projekte (33-66% šanse za potpuni uspeh, neki stepen uspeha izvestan)

The Modern Campaign Platform...



KOERBER
OMAHA WORLD-HERALD

IMPACT

EU finansiranje je **političko** finansiranje NIKADA NEMOJTE TO ZABORAVITI

- Razvoj privrede
- Nova radna mesta
- Bolje poštovanje ljudskih/manjinskih prava (jednakost)
- Bolje šanse za dobar posao tj. Razvoj kadrova
- Zarada novca
- Pобоljšanje infrastrukture
- Pобоljšanje internacionalne ili regionalne saradnje i sveevropskog duha
- Uspostavljanje novih programa
- Bolja edukacija
- Bolja zdravstvena zaštita

IMPLEMENTATION

Ne možeš ti to tako brzo
Nemaš dovoljno ekspertize
Nemaš dovoljno opreme
Ovaj projekat nije realističan

Iako su odvojeni u aplikaciji, ove tri stavke se prepliću, kad pišete jednu mislite i na druge dve

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H2020-MSCA-RISE call	2020. godina
Objavlivanje poziva	5. decembar 2019.
Zatvaranje poziva	7. april 2020.
Budžet	80 miliona eura



Hvala na pažnji!

