



NCP FP BiH

*National Contact Point for EU Framework Programmes
in Bosnia and Herzegovina*

HORIZON 2020



Dalibor Drljača

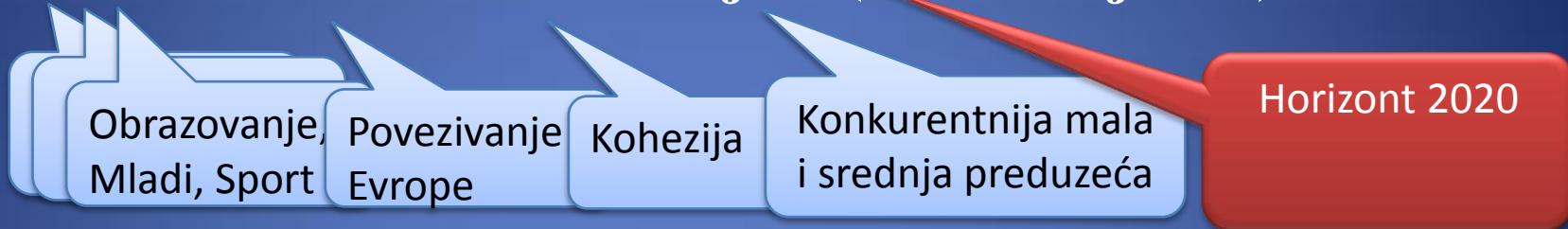
Europrojekt centar Banja Luka

Istorijat Okvirnih programa EU

- 1951. Evropska zajednica za ugalj i čelik (ECSC)
- 1957. Evropska ekonomска zajednica (EEC), EUROATOM;
- 1965. PREST: Politique de la Reserche Scientifique et Technique
- 1970. COST: Committee for Science and Technology
- 1974. Dahrendorf inicijativa: Europa + 30
- 1978. Davignon inicijativa: FAST
- 1982. ESPRIT pilot program,
- 1984-87. 1. Okvirni program za istraživanje i razvoj
- 1987-91. 2. Okvirni program za istraživanje i razvoj
- 1991-94. 3. Okvirni program za istraživanje i razvoj
- 1992. Maastrichtski sporazum o Europskoj uniji
- 1994. Sporazum o Evropskom ekonomskom području (EEA)
- 1994-98. 4. Okvirni program za istraživanje i razvoj
- 1998-02. 5. Okvirni program za istraživanje i razvoj
- 2003-06. 6. Okvirni program za istraživanje i razvoj
- 2007-13. 7. Okvirni program za istraživanje i razvitetak
- 2014-20. HORIZON 2020

Okvirni program finansiranja 2014-2020: *EU multiannual financial framework 2014 - 2020*

1. Pametni i inkluzivni razvoj (€491 milijarda)

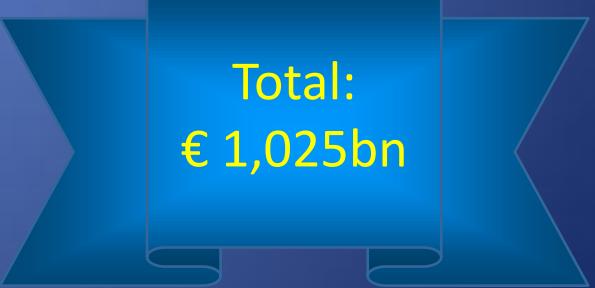


2. Održivi razvoj, prirodni resursi (€383 milijarde)

3. Bezbjednost i građanstvo (€18.5 milijardi)

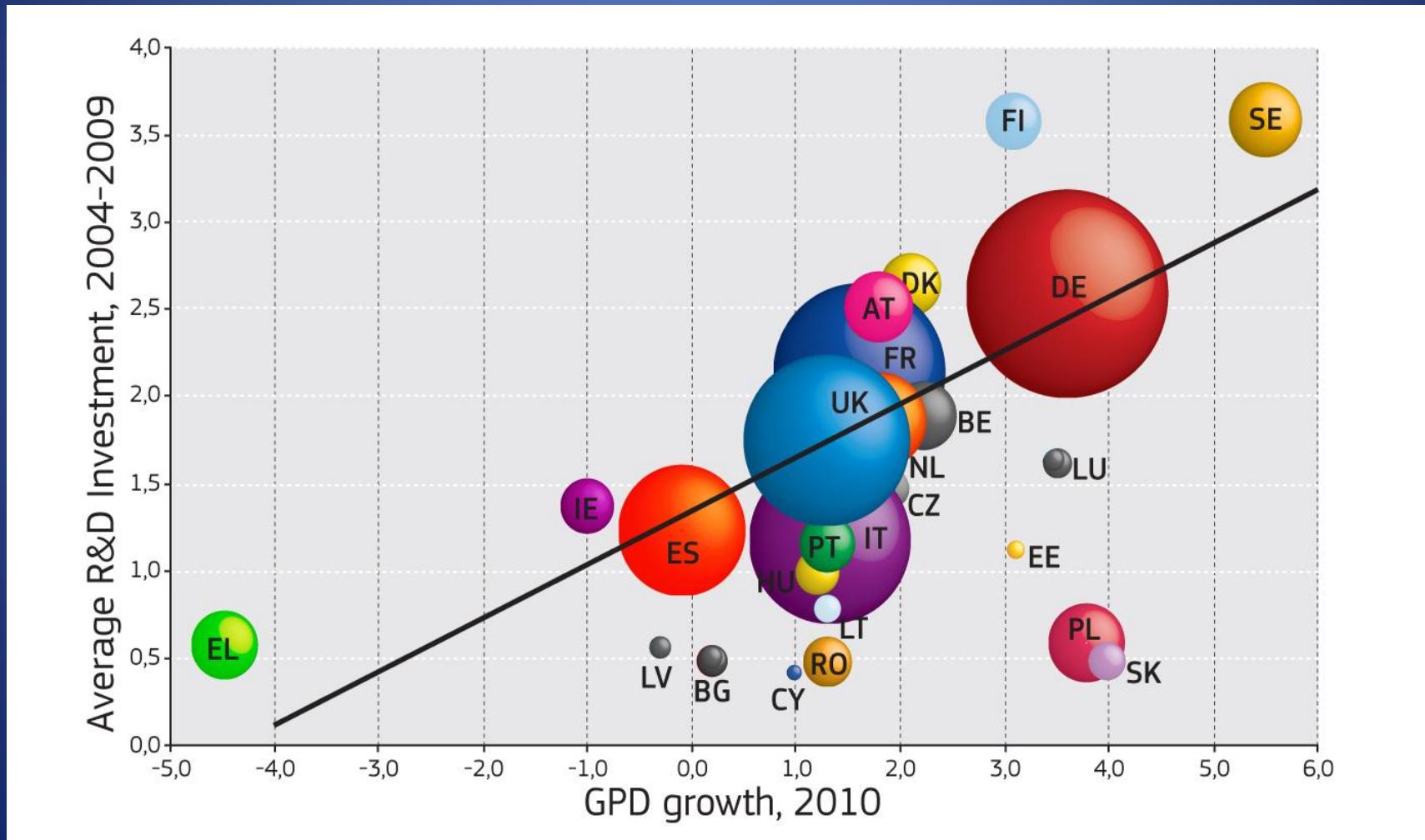
4. Globalna Evropa (€70 milijardi)

5. Administracija (€62.6 milijardi)



Total:
€ 1,025bn

Ulaganje u R&D sektor kao dio odgovora na izlazak iz ekonomske krize



Horizont 2020

Europe2020



InnovationUnion



Horizon2020

FP6

2002-2006

19 Mlrd EUR

FP7

2007-2013

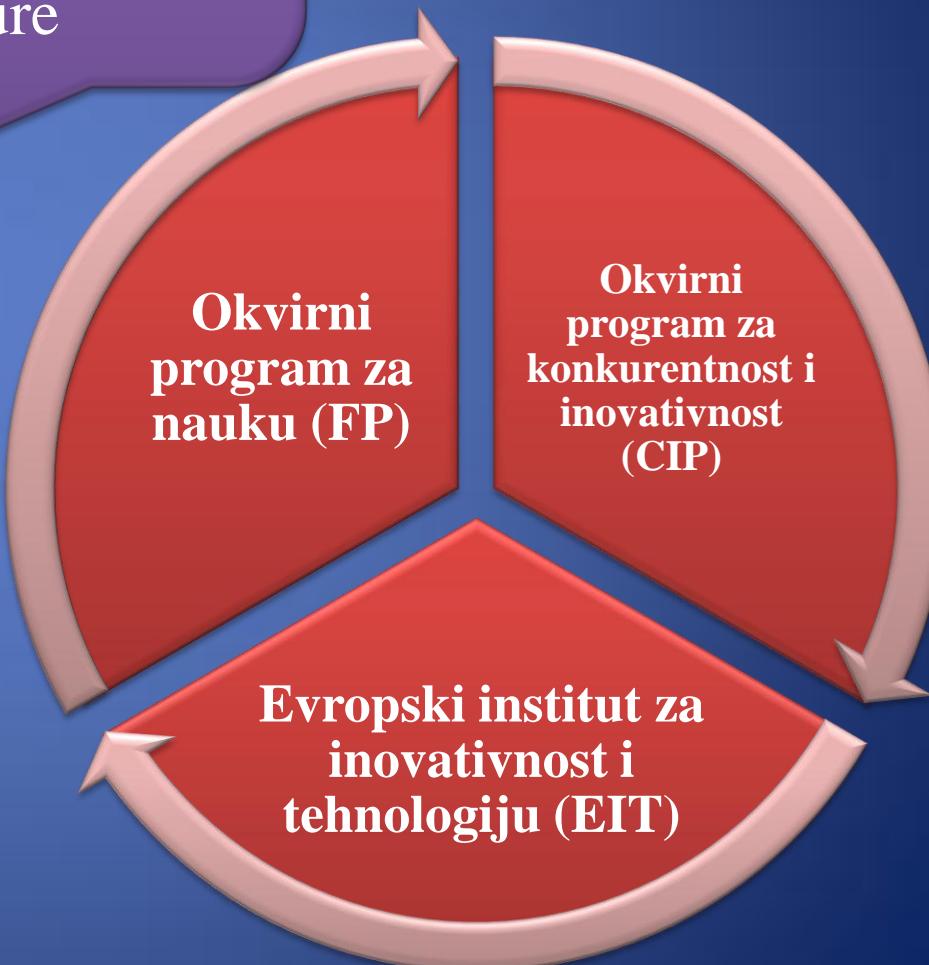
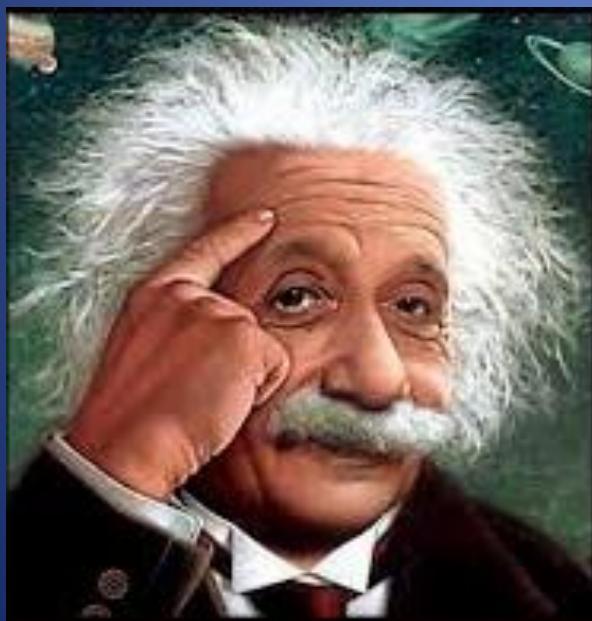
50 Mlrd EUR

Horizon2020

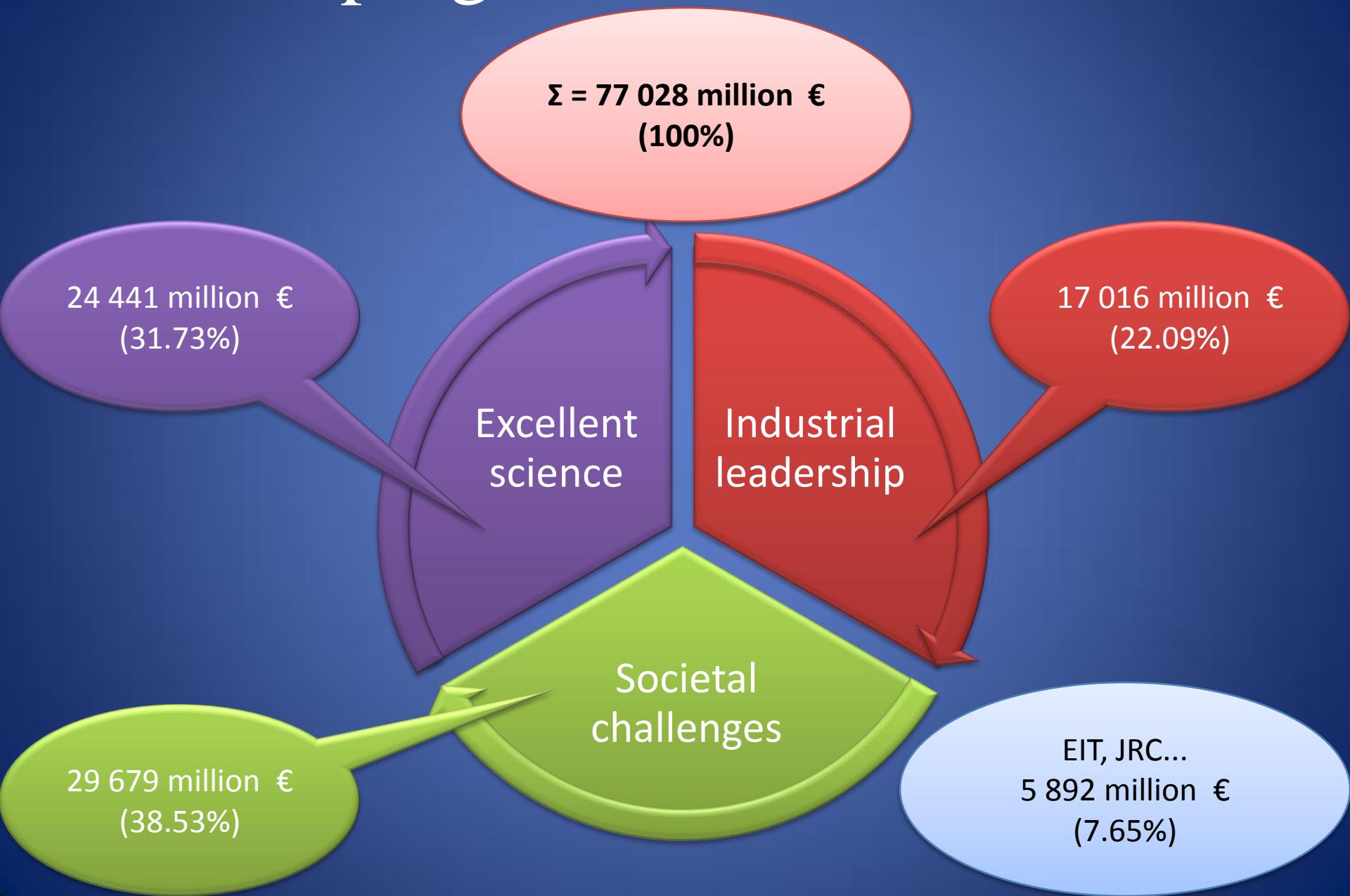
2014-2020

≈80 Mlrd EUR

- **Jedan program** koji povezuje tri druga programa i inicijative
- **Povezivanje istraživanja i inovativnosti**
- Fokus na **društvene izazove** i promjene
- **Pojednostavljen** pristup i procedure



Struktura programa H2020



Prioritet 1: Excellent Science (Izvrsna nauka)

Razlozi:

- Nauka svjetske klase je temelj budućih tehnologija, poslova i prosperiteta.
- Evropa nastoji razviti, privući i zadržati istraživačke talente.
- Istraživači trebaju pristup najboljim istraživačkim infrastrukturama.

Predloženo finansiranje (mill. €, 2014-2020)

Evropsko istraživačko vijeće

Istraživanje na granicama nauke najboljih individualnih timova 13 095

Buduće i nove tehnologije

Zajednička istraživanja u otvorenim novim poljima inovacija 2 696

Marie Skłodowska Curie akcije

Mogućnosti za obuke i razvoj karijera

Istraživačke infrastrukture (+ e-infrastrukture)

Osiguranje pristupa sredstvima istraživanja svjetske klase 2 488

Prioritet 2: Industrial leadership (Industrijsko vođstvo)

Razlozi:

- Evropa treba inovativnija mala i srednja preduzeća (MSP) za ekonomski rast i otvaranje novih radnih mesta.
- Strateška ulaganja u najvažnije tehnologije (npr. savremena proizvodnja, mikro-elektronika) podupiru inovacije u postojećim i novim područjima.
- Evropa treba privući više privatnih ulaganja u istraživanja i inovacije.

Predloženo finansiranje (mill. €, 2014-2020)

<u>Liderstvo u postojećim i industrijskim tehnologijama</u> (ICT, nanotehnologije, materijali, biotehnologije, proizvodnja, svemir)	13 557
<u>Pristup finansijskom riziku</u> Nivelisanje privatnog finansiranja i rizičnog kapitala za istraživanje i inovacije	2 842
<u>Inovacije u MSP</u> Podsticanje svih vidova inovacija u svim tipovima MSP	616

Prioritet 3: Societal challenges (Društveni izazovi)

Razlozi:

- Ciljevi EU politike (klima, okoliš, energija, transport itd.) se ne mogu postići bez inovacija.
- Cjelovita rješenja dolaze kroz multidisciplinarnu saradnju, uključujući društvene i humanističke nauke.
- Perspektivna rješenja se trebaju ispitati, demonstrirati i povećavati.

Predloženo finansiranje (mill. €, 2014-2020)

Zdravlje, demografske promjene i blagostanje	7 472
Sigurnost hrane, održiva poljoprivreda, pomorstvo i istraživanje mora i bioekonomija	3 851
Sigurna, ekološka i efikasna energija	5 931
Pametni, ekološki i integrисани transport	6 339
Klimatske akcije, efikasnost izvora i sirovine	3 081
Inkluzivno, inovativno i sigurno društvo	1 309
Bezbjedna društva – zaštita sloboda i sigurnosti Evrope i njenih građana	1 695

Uloga EIT-a i JRC-a u Horizon 2020

Tri prioriteta će se podržati kroz:

Evropski institut za inovacije i tehnologiju (EIT)

2 711

Združeni istraživački centar (JRC)

1 903

Nenuklearne direktne akcije JRC-a

PHC 2 – 2015: Understanding diseases: systems medicine approaches to better disease detection and treatment

Specific challenge: The development of new systems medicine approaches that will improve understanding of the often very complex mechanisms of disease. These (bio) medicine approaches have the potential to transform the way we understand and treat disease. A variety of biological and medical research disciplines need to work together. A truly collaborative approach is required to assemble the right expertise from across the fields of biology, medicine, mathematics, computational science and engineering to develop new systems medicine approaches.

Scope: Proposals should focus on new avenues for the analysis of complex phenotypes in multifactorial diseases and/or the development/optimisation and/or application of systems medicine approaches. This may involve the integration of large sets of biomedical and clinical data to produce or refine models that predict disease outcomes using computational and mathematical approaches. The models should be validated in well-phenotyped patient cohorts, taking into account all relevant factors that have been potential thoroughly investigated.

The Commission considers that proposals requesting a range between EUR 4 and 6 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission of proposals requesting other amounts.

Expected impact: This will provide:

- Leverage of existing investments in European health research
- New directions for better disease detection and treatment
- Systems medicine tools and approaches that represent an improvement over existing methods

Type of action: Research and Innovation actions

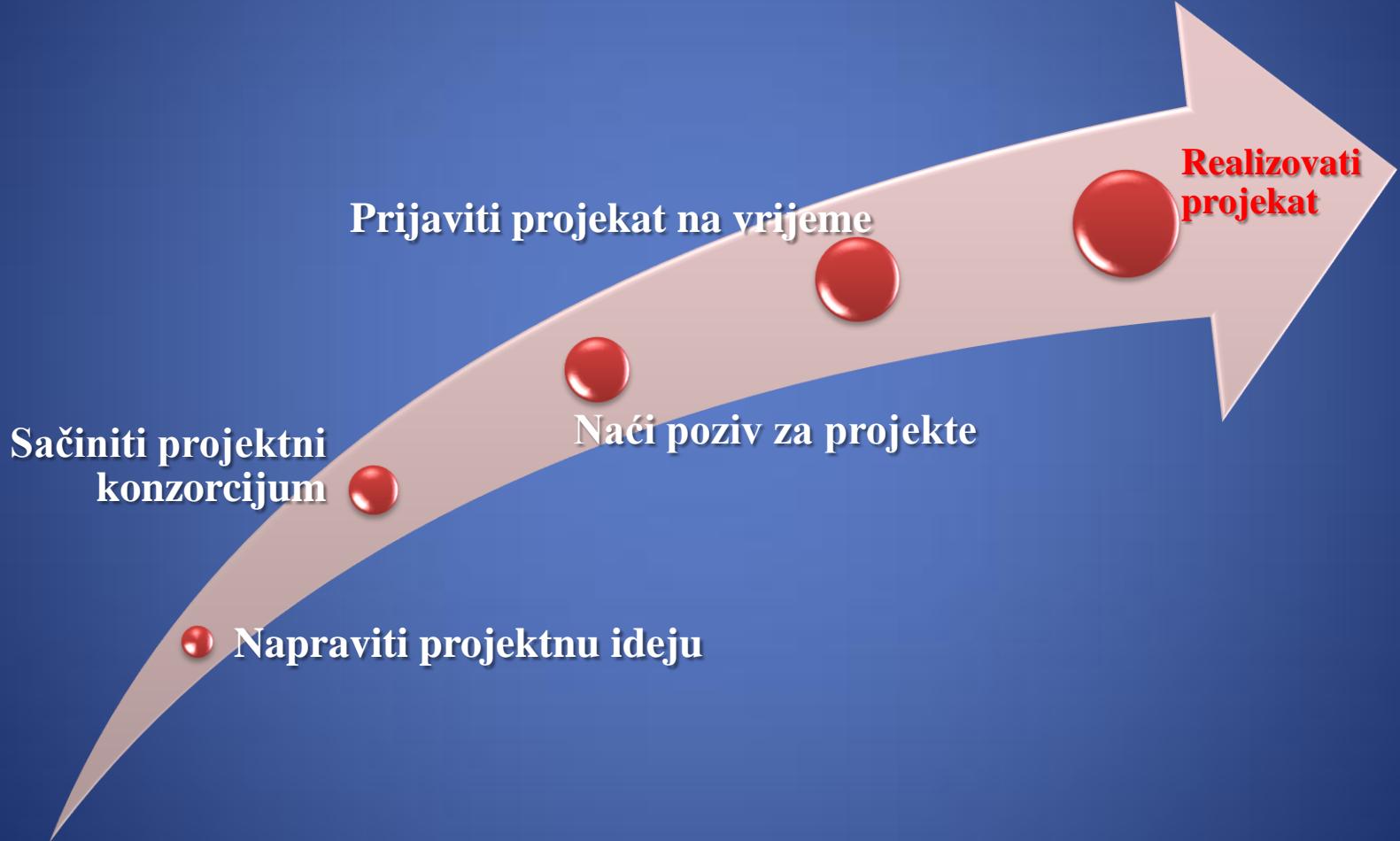
Kako pročitati poziv: primjer

- '**PHC 2 – 2015**'
- '***Specific challenge***'
- '***Scope***'
- '***Expected impact***'
- '***Type of action***'

Dinamika publikovanja radnih programa

2014	2015	2016	2017	2018	2019	2020
Strategic Programme						
Work Programme 1 (plus tentative information for 2016)		Strategic Programme				
		Work Programme 2 (plus tentative information for 2018)		Strategic Programme		
				Work Programme 3 (plus tentative information for 2020)		
						Work Programme 4

Put do projekta



Kako uspjeti?



Budite vidljivi!



Strateški pristup!



Umrežavanje!



Saradnja s privredom!

Korisni linkovi



Welcome to the Research and Innovation Participant Portal

About the Participant Portal:
The Participant Portal is your entry point for the electronic administration of EU-funded research and innovation projects. It hosts services for managing your projects and improving your lifecycle.

The Participant Portal supports activities funded mainly by the following EU programmes:

- 7th Framework Programme for Research and Technological Development (FP7)
- European Institute of Innovation and Innovation Framework Programme (CIP)

Using the Participant Portal:

As a guest user, browse the public pages to:

- search for funding opportunities
- download guidance and legal documents
- search for the participant identification code (PIC)
- contact the FP7 support services and browse the contact details of the European Commission

As a registered user, benefit from personalised services for proposal submission, negotiation, and project management.

Links:

- WHAT'S NEW
- FUNDING OPPORTUNITIES
- HOW TO PARTICIPATE?
- WORK AS AN EXPERT
- ACCESS MY PERSONAL AREA
- INFORMATION AND SUPPORT

RESEARCH ON EUROPA CORDIS OLAP

<http://ec.europa.eu/research/participants/portal>



CORDIS
Community Research and Development Information Service

Discover EU research...

Do not miss:
CORDIS launches Top Stories service highlighting EU-funded research results

Latest research&eu results magazine
Innovate 2013 - Issue 1: EU-funded research spotlight on projects under FP7

Practical guide for EU Funding
Find your way to the right funding scheme

Events
Sixth International Conference of Education, Research and Innovation in Higher Education (Event Date: 2013-11-18)
Corporate Sustainability and Environmental Management, Warsaw, Poland (Event Date: 2013-11-18)
Sustainable energy systems for Inclusive Growth in Europe, Vilnius, Lithuania (Event Date: 2013-11-18)

http://cordis.europa.eu/home_en.html



HORIZON 2020
The EU Framework Programme for Research and Innovation

European Commission > Horizon 2020

Links:

- Home
- What is Horizon 2020?
- Find Your area
- How to Get funded?
- News
- Events
- Multimedia & Publications
- Project Stories

What is Horizon 2020?

Nature's gift to automakers: self-cleaning plastics
Self-cleaning plastic surfaces developed by EU-funded scientists could help the automotive industry cut costs by reducing the need for cleaning products and even help to reduce your impact on the environment.

Find Your area

Project Stories

<http://ec.europa.eu/programmes/horizon2020/>



NCP FP BiH
National Contact Point for EU Framework Programmes in Bosnia and Herzegovina

Links:

- Newsletter
- Linkovi
- Downloads
- Mapa stranice
- Kontakto

Vijesti

- 20. feb 2014. [Poživ za učešće na info danu "Horizont 2020"](#)
- 4. feb 2014. [WBC-INCO.NET - Konferencija & brokerage event - Beč, 27-28 mart 2014. godine](#)
- 2. feb 2014. [Grantovi za mlade naučnike u oblasti hemije - "Green Chemistry for Life"](#)

Partners:

- Ministarstvo civilnih poslova Bosne i Hercegovine
- Prijava
- Trazi
- Seventh Framework Programme
- cost
- EUREKA

You Tube

<http://www.ncp.ba>

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION



HORIZON 2020



HVALA NA PAŽNJI!!!

Europe 2020

