

# BgF Summer school

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*Acronym:* BIOLAWEB  
Boosting Institute of Chemistry,  
Technology and Metallurgy in  
Water Biomonitoring

*Grant No:* 101079234

*Type of action:* HORIZON Coordination and  
Support Actions (HORIZON - CSA)

*Starting Date:* 01/10/2022

*Duration:* 36 months



# Project management and the types of projects

Dragana Zlatović,  
BIOLAWEB WP5 Leader

*BgF Summer school, October 2023*



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„Projekat predstavlja poseban poduhvat, koji se ne može ponoviti. On obično podrazumeva ostvarivanje planiranih rezultata u okviru određenog vremenskog perioda i budžeta. Svaki projekat je **JEDINSTVEN** i stoga se njegov ishod ne može predvideti sa potpunom sigurnošću. Projekti su poduhvati koji u sebi sadrže rizik“ (Lock, 1977)

„Projekat je **JEDINSTVENA** grupa koordiniranih aktivnosti, sa definisanim početnim i krajnjim tačkama, koje poduzima individualac, ili organizacija, kako bi se ispunili određeni ciljevi, prema unapred definisanom vremenu, troškovima i zadovoljavajućim izlaznim parametrima“ (British Standards Institution, 2010).



„Projekat je privremeni napor preduzet da bi se proizveo **JEDINSTVEN** proizvod, usluga ili neki drugi rezultat“ (Project Management Institute – PMI - „A Guide to the Project Management Body of Knowledge“ – PMBOK)



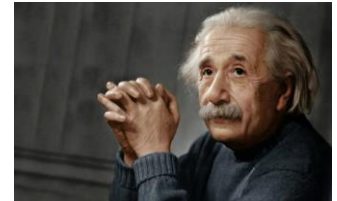
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# Faze projekta



„Da smo znali šta radimo, to se ne bi moglo nazvati istraživanjem, zar ne?”

*Albert Ajnštajn*



Neizvesnost ishoda naučno-istraživačkih projekata je često jedino izvesna.

*Putniković, Zlatović*

→ NEIZVESNOST  
→ DINAMIČNOST  
→ RIZIČNOST

# Istraživačko pitanje – FINER kriterijumi

- F**easible – izvodljivo (obim, ekspertiza, vreme i sredstva)
- I**nteresting – odgovor je zanimljiv istraživaču, kolegama, društvu
- N**ovel – odgovor potvrđuje, opovrgava ili pobija postojeća znanja
- E**thical – istraživanje je etički, ekološki, društveno ispravno
- R**elevant – relevantno za naučno znanje, za buduća istraživanja

Istraživačko pitanje je ključni alat koji vodi projektno istraživanje.  
Snažno istraživačko pitanje pokreće istraživački proces.



# Vrste projekata

## NACIONALNI PROJEKTI

- Fond za nauku
- Fond za inovacionu delatnost

## MEĐUNARODNI PROJEKTI

- Horizon Europe
- Erasmus +
- COST
- NATO
- EUREKA

**Ministarstvo nauke, tehnološkog razvoja i inovacija**

Bilateralni projekti



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# Program IDEJE

## Naučne oblasti

- Prirodne nauke
- Tehničko-tehnološke nauke
- (bio)Medicinske nauke
- Društvene i humanističke nauke

- ✓ Maksimalno po projektu €300.000 (mogućnost dodatka za opremu do €200.000)
- ✓ Realizacija: 36 meseci
- ✓ Status: u toku realizacija 105 projekata





### Program PRIZMA

- ✓ Maksimalno po projektu €300.000
- ✓ Realizacija: 36 meseci
- ✓ Status: započinje realizacija

### Zeleni program za saradnju nauke i privrede

- ✓ Maksimalno po projektu €200.000
- ✓ Realizacija: 24 meseca
- ✓ Status: realizacija u toku

### Program PROMIS

- ✓ Za istraživače u ranoj fazi karijere
- ✓ Maksimalno po projektu €150.000
- ✓ Realizacija: 24 meseca
- ✓ Status: prvi stepen evaluacije prijava

### Program DOKAZ KONCEPTA

- ✓ Maksimalno po projektu RSD 2.400.000
- ✓ Realizacija: 12 meseci
- ✓ Status: zatvoren za prijave 15.9.2023.



## Program za projekte iz oblasti veštačke inteligencije

- ✓ Maksimalno po projektu €200.000
- ✓ Realizacija: 24 meseca
- ✓ Status: završni izveštaji odobrenih projekata 2020-2022.

## Program Identiteti

- ✓ Namenjen društveno humanističkim naukama
- ✓ Realizacija: 24 meseca
- ✓ Status: realizacija u toku

## Program saradnje srpske nauke sa dijasporom

- ✓ Maksimalno po projektu €10.000
- ✓ Realizacija: 12 meseci
- ✓ Status: u toku realizacija projekata dobijenih 2019.

## Specijalni program COVID 19

- ✓ Status: finalno izveštavanje



## Program transfera tehnologije

- ✓ Do RSD 2.400.000
- ✓ Realizacija: 12 meseci
- ✓ Status: otvoreno za prijave do utroška opredeljenih sredstava

## Program saradnje nauke i privrede

- ✓ Do €500.000
- ✓ Min 15% sredstava za aktivnosti NIO
- ✓ Konzorcijum min. 1 PD i 1 NIO, max 5 članova
- ✓ Status: zatvoren 15.9.2023.

## Inovacioni vaučeri

- ✓ Do RSD 800.000 (60%)
- ✓ Min 40% drugi izvori
- ✓ Maks. iznos po podnosiocu RSD 2.400.000
- ✓ Važnost vaučera: 6 meseci
- ✓ Status: otvoren za prijave

- Program sufinansiranja inovacija
- Program ranog razvoja
- Katapult
- Smart start



# Bilateralni projekti

Finansiraju se projekti koji podržavaju mobilnost istraživača.  
Aktivna saradnja sa 14 zemalja.

<https://nitra.gov.rs/cir/medunarodna-saradnja/bilateralna-saradnja>

Trenutno otvoren poziv za saradnju sa Hrvatskom  
Prijave do 05. decembra 2023.

<https://nitra.gov.rs/images/Bilateralna%20Saradnja/Hrvatska/javni-poziv-srbija-hrvatska-2024-2026.pdf>



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# Međunarodni projekti



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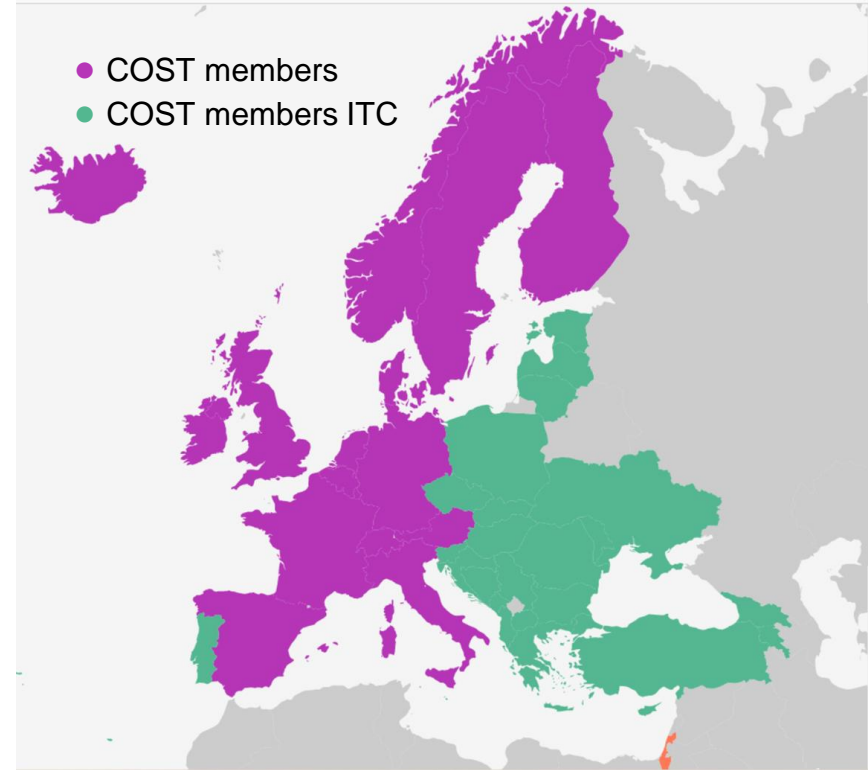
[www.biolaweb.com](http://www.biolaweb.com)

**COST Akcija** je interdisciplinarna istraživačka mreža koja okuplja istraživače i inovatore da **istražuju temu po svom izboru tokom 4 godine**.

COST Akcije se obično sastoje od istraživača iz akademske zajednice, malih i srednjih preduzeća (SME), javnih institucija i drugih relevantnih organizacija ili zainteresovanih strana.

Otvoren za sve oblasti nauke i tehnologije, uključujući nova polja.

**COST Akcija pokriva troškove aktivnosti umrežavanja**, a ne istraživanja i kao takvo se koristi za organizovanje i finansiranje događaja, kratkoročnih naučnih misija, škola za obuku, komunikacionih aktivnosti i alata za virtuelno umrežavanje.



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**Open Call 2023 je otvoren.**

<https://www.cost.eu/funding/open-call-a-simple-one-step-application-process/>

Rok je 25. oktobar 2023. u 12.00 (podne) CEST.

Sledeći datum prikupljanja očekuje se u jesen 2024.

Rezultati se očekuju u maju.

**Uslov-najmanje 7** učesnika iz različitih zemalja članica, od toga **najmanje pola iz ITCs** (Inclusiveness target countries) zemalja (Srbija).

**Evaluacioni kriterijumi:** izvrsnost umrežavanja, uticaj, implementacija, naučna izvrsnost.

**Selekcion kriterijumi:** Usklađenost sa COST politikom: ciljne zemlje inkluzivnosti (ITC), istraživači u ranoj karijeri, ravnoteža polova.



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Svi projekti koji se iniciraju moraju imati relevantnu dimenziju bezbednosti.

Programski ključni prioriteti: terorizam, odbrana od hemijskih, bioloških, radioloških i nuklearnih agenasa, sajber odbrana, energetska bezbednost i ekološki problemi.

Konkuriše se preko veb sajta: [www.nato.int/science](http://www.nato.int/science)

Konzorcijum sačinjavaju pojedinci ili organizacije iz najmanje jedne NATO i jedne partnerske zemlje.





Erasmus+ nudi mogućnosti za mobilnost i saradnju u oblasti visokog obrazovanja:

- stručno obrazovanje i usavršavanje
- školsko obrazovanje
- obrazovanje odraslih
- mladi ljudi
- u sportu

Mogućnost usavršavanja osoblja koje radi na svim nivoima obrazovanja (u nastavničkim i nenastavničkim zanimanjima) kroz sledeće aktivnosti:

- SMS - Mobilnost studenata za studije (uključujući kratku mobilnost doktorskih studija)
- SMT - Mobilnost studenata za specifične obuke
- STA - Mobilnost osoblja za nastavu
- **STT - Mobilnost osoblja za obuku**
- BIP - Kombinovani intenzivni program

**Ključna akcija 1:**  
Mobilnost pojedinaca  
za učenje

**Ključna akcija 2:**  
Saradnja između  
organizacija i institucija



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- U Erasmus+ programu mogu da učestvuju institucije i organizacije koje se direktno ili indirektno bave obrazovanjem.
- Projekte mogu da prijavljuju samo pravna lica, tj. institucije i organizacije, a koristi od njih imaju pojedinci zaposleni u tim ustanovama i organizacijama, kao i njihovi učenici, studenti i polaznici obuka.
- U zavisnosti od toga kome se prijavljuju za finansiranje projekti se dele na centralizovane – prijavljuju se Izvršnoj agenciji za obrzovanje i kulturu u Briselu i decentralizovane – predaju se Fondaciji Tempus.
- Evropska komisija na početku svakog konkursnog roka objavljuje Vodič za učešće u programu.

<https://erasmusplus.rs/erazmus-program/o-programu/>



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- Komunikacija vezana za HE projekte obavlja se putem portala Evropske komisije „[Funding and Tenders](#)“
- Za prijavljivanje na portal EK je neophodan otvoren nalog.
- Nalog se koristi za sve interakcije na portalu.
- Za predstavljanje na pravi način neophodno je formirati ORCID profil
- Učesnici na Horizon projektima moraju znati PIC (Participant Identity Code) institucije u kojoj rade.
  - PIC broj IHTM UB: 950078626
  - PIC broj Hemijskog fakulteta UB: 987478043
  - PIC broj Tehnološko-metalurškog fakulteta UB: 999807907

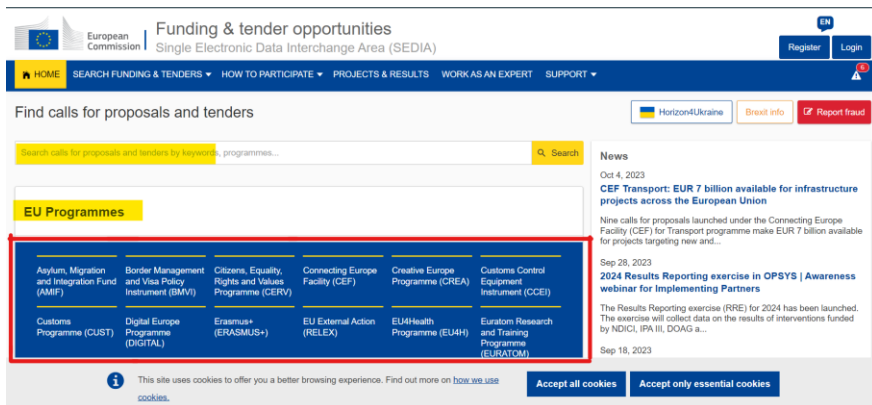
[https://h2020.rcub.bg.ac.rs/?page\\_id=281](https://h2020.rcub.bg.ac.rs/?page_id=281)



## Šta se može na Funding & Tenders portalu?

### Poziv za odgovarajuću naučnu ideju

- Pretragom po ključnim rečima koje najbolje opisuju polje interesovanja.
- Biranjem jednog od programa finansiranja navedenih na početnoj stranici.



European Commission | Funding & tender opportunities  
Single Electronic Data Interchange Area (SEDIA)

Find calls for proposals and tenders

Search calls for proposals and tenders by keywords, programmes...

**EU Programmes**

AnyAm, Migration and Integration Fund (AMIF)	Border Management and Visa Policy Instrument (BMVI)	Citizens, Equality, Rights and Values Programme (CERV)	Connecting Europe Facility (CEF)	Creative Europe Programme (CREA)	Customs Control Equipment Instrument (CCEI)
Customs Programme (CUST)	Digital Europe Programme (DIGITAL)	Erasmus (ERASMUS+)	EU External Action (RELEX)	EUHealth Programme (EU4H)	Erasmus Research and Training Programme (EURATOM)

News

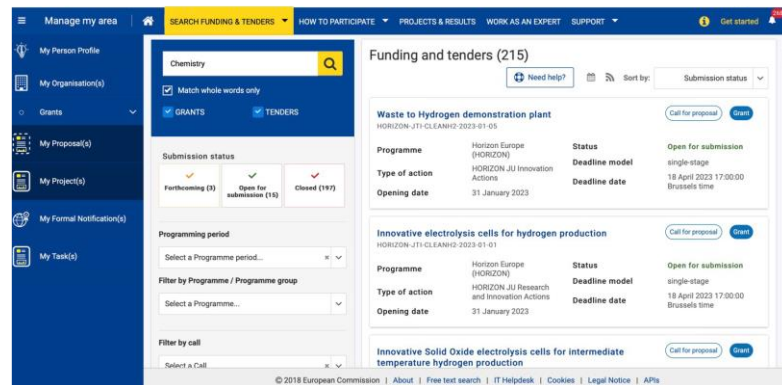
Oct 4, 2023  
**CEF Transport: EUR 7 billion available for infrastructure projects across the European Union**  
Nine calls for proposals launched under the Connecting Europe Facility (CEF) for Transport programme make EUR 7 billion available for projects targeting new and...

Sep 28, 2023  
**2024 Results Reporting exercise in OPSYS | Awareness webinar for implementing Partners**  
The Results Reporting exercise (RRE) for 2024 has been launched. The exercise will collect data on the results of interventions funded by NDICI, IPA III, DOAG a...

Sep 18, 2023

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My Person Profile | My Organisation(s) | Grants | My Proposal(s) | My Project(s) | My Formal Notification(s) | My Task(s)

Chemistry

Match whole words only

GRANTS | TENDERS

Submission status

Forthcoming (3) | Open for submission (14) | Closed (197)

Programme period

Select a Programme period...

Filter by Programme / Programme group

Select a Programme...

Filter by call

Select a Call...

Funding and tenders (215)

Need help? | Sort by: Submission status

**Waste to Hydrogen demonstration plant**  
HORIZON-JTI-CLEANH2-2023-01-05

Programme: Horizon Europe (HORIZON) | Status: Open for submission  
Type of action: HORIZON JU Innovation Actions | Deadline model: single-stage  
Opening date: 31 January 2023 | Deadline date: 18 April 2023 17:00:00 Brussels time

**Innovative electrolysis cells for hydrogen production**  
HORIZON-JTI-CLEANH2-2023-01-01

Programme: Horizon Europe (HORIZON) | Status: Open for submission  
Type of action: HORIZON JU Research and Innovation Actions | Deadline model: single-stage  
Opening date: 31 January 2023 | Deadline date: 18 April 2023 17:00:00 Brussels time

**Innovative Solid Oxide electrolysis cells for intermediate temperature hydrogen production**

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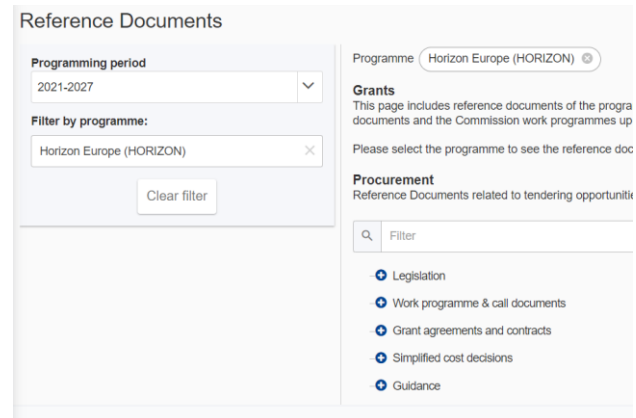
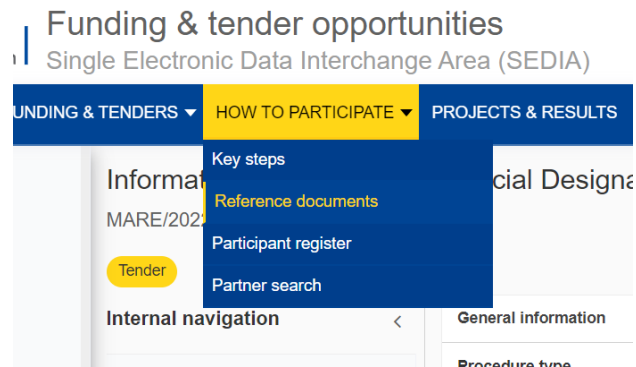


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## Šta se može na Funding & Tenders portalu?

### Uslovi i potrebna dokumentacija za Horizon pozive

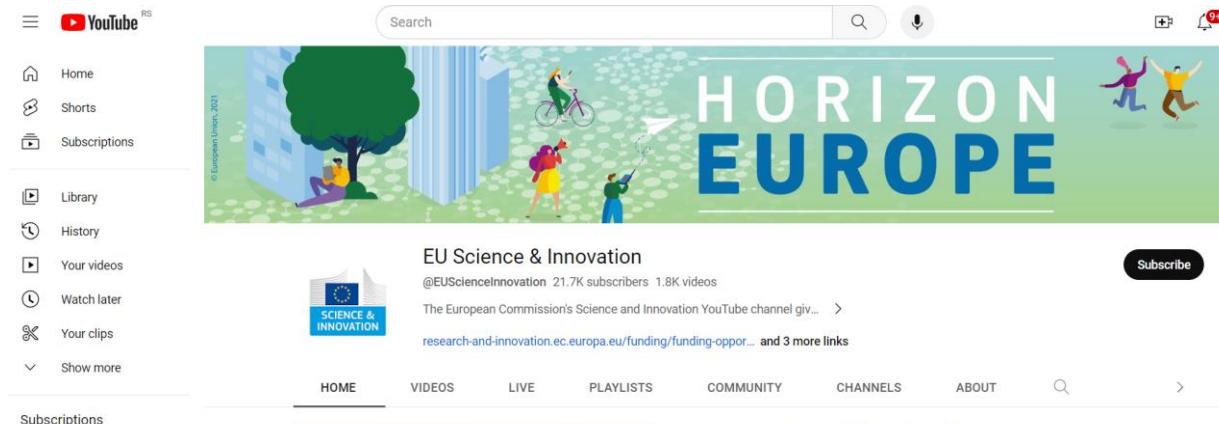
- Klikom na poziv dobijaju se sve potrebne informacije o uslovima poziva i linkovi za sva potrebna dokumenta.
- Tu se nalazi i link kojim se pokreće prijava predloga projekta



## Šta se može na Funding & Tenders portalu?

### Veliki broj vebinara sa različitim temama vezanim za korišćenje portala

- Vebinari i prezentacije su snimljeni i mogu se gledati više puta, kad god je potrebno.
- Vebinari se mogu naći i na Youtube kanalu „[EU Science & Innovation](#)“



The screenshot shows the YouTube channel page for 'EU Science & Innovation'. The channel name is 'EU Science & Innovation' with the handle '@EUScienceInnovation', 21.7K subscribers, and 1.8K videos. The description states it is 'The European Commission's Science and Innovation YouTube channel' and provides a link to 'research-and-innovation.ec.europa.eu/funding/funding-oppor...' and 3 more links. The channel banner features the text 'HORIZON EUROPE' and an illustration of people engaged in various activities like cycling, walking, and using a telescope. The navigation menu includes Home, Videos, Live, Playlists, Community, Channels, and About.



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Key findings of the European Innovation Scoreboard 2023

Here are the highlighted words and phrases.

Phrases highlighted in yellow identified essential background information to read and to refer to.

Phrases highlighted in green identified the work (activities) to be done as well as the type of expertise needed in the consortium.

## H2020-SFS-2015-2: Sustainable food chains through public policies: the EU quality policy and of public sector food procurement

**Specific challenge:** In 2012 a new Regulation on the quality schemes for agricultural products and foodstuffs was adopted in the EU. Important pillars of the EU quality policy are the 'protected designation of origin' (PDO), 'protected geographical indication' (PGI), 'traditional specialty guaranteed' (TSG) schemes, a scheme for optional quality terms and organic food and farming. They are meant to maintain a large variety of agricultural products, reflecting the diversity of EU agriculture and to allow remunerative prices to producers. The policy is expected to play an important role especially in disadvantaged and remote territories where agriculture is a prominent economic activity. On the other hand, the European public sector is emerging as a powerful actor in the food chain notably through public procurement policies which can create new markets and foster the development of an 'economy of quality'. Innovative approaches in this area are multiplying in various parts of Europe from different types of governance (communal, regional, etc.). These approaches cater for different objectives such as improving the nutritional balance of school canteens, contributing to education on food or fostering the procurement from local producers. Here they have the potential to deliver economic, environmental and social benefits to the society. The proposed topic aims at investigating the impact of both the quality policy and public sector food procurement policies on the environmental, economic and social sustainability of rural territories and their role in fostering the provision of public goods. The research will extend to short food supply chains which are impacted by both types of public policies and assess their impact on the rural economy.

**Scope:** Proposals should investigate the impact of both the quality policy and public sector food procurement policies (including 'school schemes') on the overall sustainability of rural territories and their role in fostering the provision of public goods as well as the impact of public food procurement on balanced nutrition. They should extend to short food supply chains which are impacted by both types of policies and assess their impact on the rural economy. Proposals should investigate the contribution and impact of the quality policy to the various objectives of the agricultural and rural development policies ranging from social and territorial cohesion to consumer confidence. Costs related to the policy and possible routes to improve its delivery should be researched. Proposals should cover a large array of PDOs and PGIs, organic products (including agriculture and aquaculture products), and short food supply chains based on regional sourcing. On food procurement policies, proposals should review existing practices, identify constraints to their development, investigate how communities of practice and partnerships involving a broad range of stakeholders can be utilised and shed light on its impact on territorial development. A large review of existing schemes should allow elaborating good practices, decision tools and recommendations for scaling up. Relevant data on short food supply chains should be gathered, which should allow the assessment of their contribution to the agricultural and rural economy. Relevant knowledge platforms should be set up. Research should involve relevant categories of stakeholders and cover an appropriate number of EU Member States, Associated Countries and Third countries. Proposals should fall under the concept of 'multi-actor approach' (1). This action allows for the provision of financial support to third parties in line with conditions set out in Part K of the General Annexes.

The Commission considers that proposals requesting a contribution from the EU in the range of EUR 7 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

### Expected impact:

- \* provide insight into the effects of the EU quality policy and public sector food procurement policies on sustainability and on the promotion of a healthy diet
- \* allow to better design and implement these policies and to foster their delivery to the overall sustainability of agriculture and the rural economy
- \* clarify how these approaches, through the creation of new quality markets, can foster the development of local food chains

Type of action: Research and innovation actions

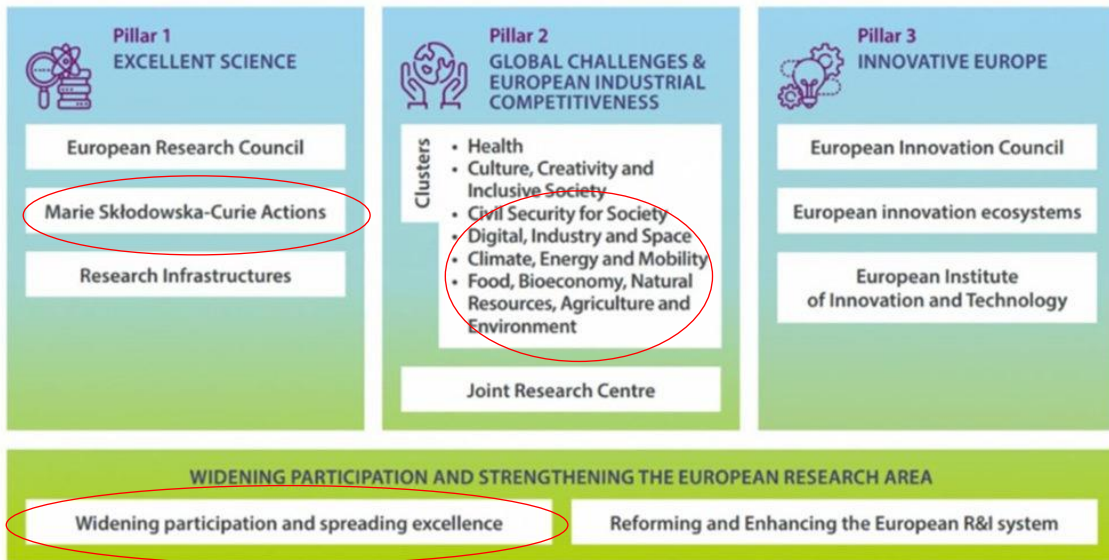
Slajd preuzet iz prezentacije „Proposal preparation and writing“, autor Ratko Bojović, 24.2.2023.



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## THREE PILLARS FOR IMPLEMENTATION



## Widening participation

*Destination Improved access to Excellence*

- Call – Twinning
- Call – Pathways to Synergies
- Call – Hop-on facility
- Call – Excellence Hubs

*Destination Attracting and mobilising the best talents*

- Call - ERA Chairs
- Call - ERA Fellowships
- Call - ERA Talents

## Marie Skłodowska-Curie Actions (MSCA)

- Call - MSCA Doctoral Networks 2024
- Call - MSCA Postdoctoral Fellowships 2024
- Call - MSCA Staff Exchanges 2024



# Acknowledgement



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**Thank you for your attention!**

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