

Mogućnosti financiranja pametnog urbanog razvoja putem programa za istraživanje i inovacije Obzor 2020.

Maja Salapić
Obzor 2020.
NCP za energiju i promet

**Međunarodna konferencija
„Pametna energetska rješenja za
održivi razvoj“
Zagreb, 10. svibnja 2017.**



AGENCIJA ZA
MOBILNOST I
PROGRAME EU



Erasmus+



Obzor 2020.



eurodesk
hrvateka



- **Obzor 2020. (odrednice, struktura, budžet)**
- **Tko može sudjelovati?**
- **Gdje pronaći natječaje?**
- **Kako sudjelovati?**
- **Što se ocjenjuje?**
- **Rezultati RH u području energije**
- **Usluge nacionalnih osoba za kontakt**

Djelatnost Agencije za mobilnost i programe EU

OBRAZOVANJE I OSPOSOBLJAVANJE

ERASMUS+

BILATERALNE
STIPENDIJE

CEEPUS

PROGRAM ZA CJELOŽIVOTNO UČENJE

Comenius, Leonardo da Vinci, Erasmus, Grundtvig,
Transverzalni program, Jean Monnet, eTwinning,
Euroguidance, Europass, Stručne skupine: Bolonjski proces,
ECVET

TEMPUS
ERASMUS MUNDUS

MLADI

ERASMUS+

MLADI NA DJELU

Volontiranje,
Razmjene mladih,
Inicijative mladih,
Demokratski
projekti mladih,
Osposobljavanje,
EURODESK

ZNANOST

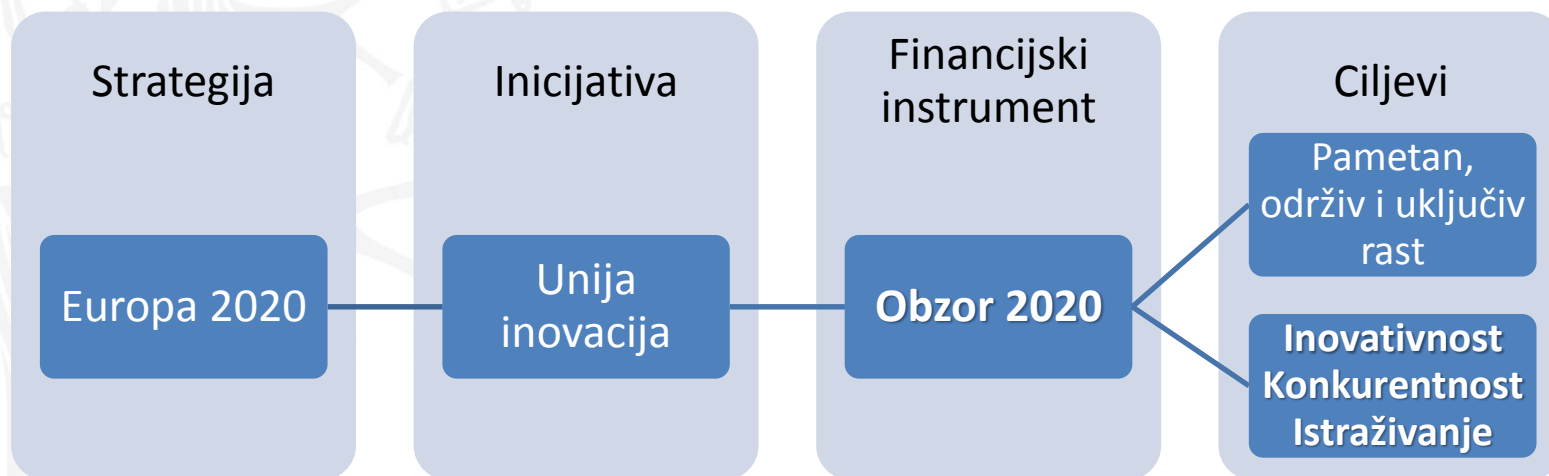
OBZOR2020.

EURAXESS

SEDMI OKVIRNI PROGRAM ZA ISTRAŽIVANJE I TEHNOLOŠKI RAZVOJ

PEOPLE/ MARIE CURIE I
SURADNJA (Okoliš/Energija)

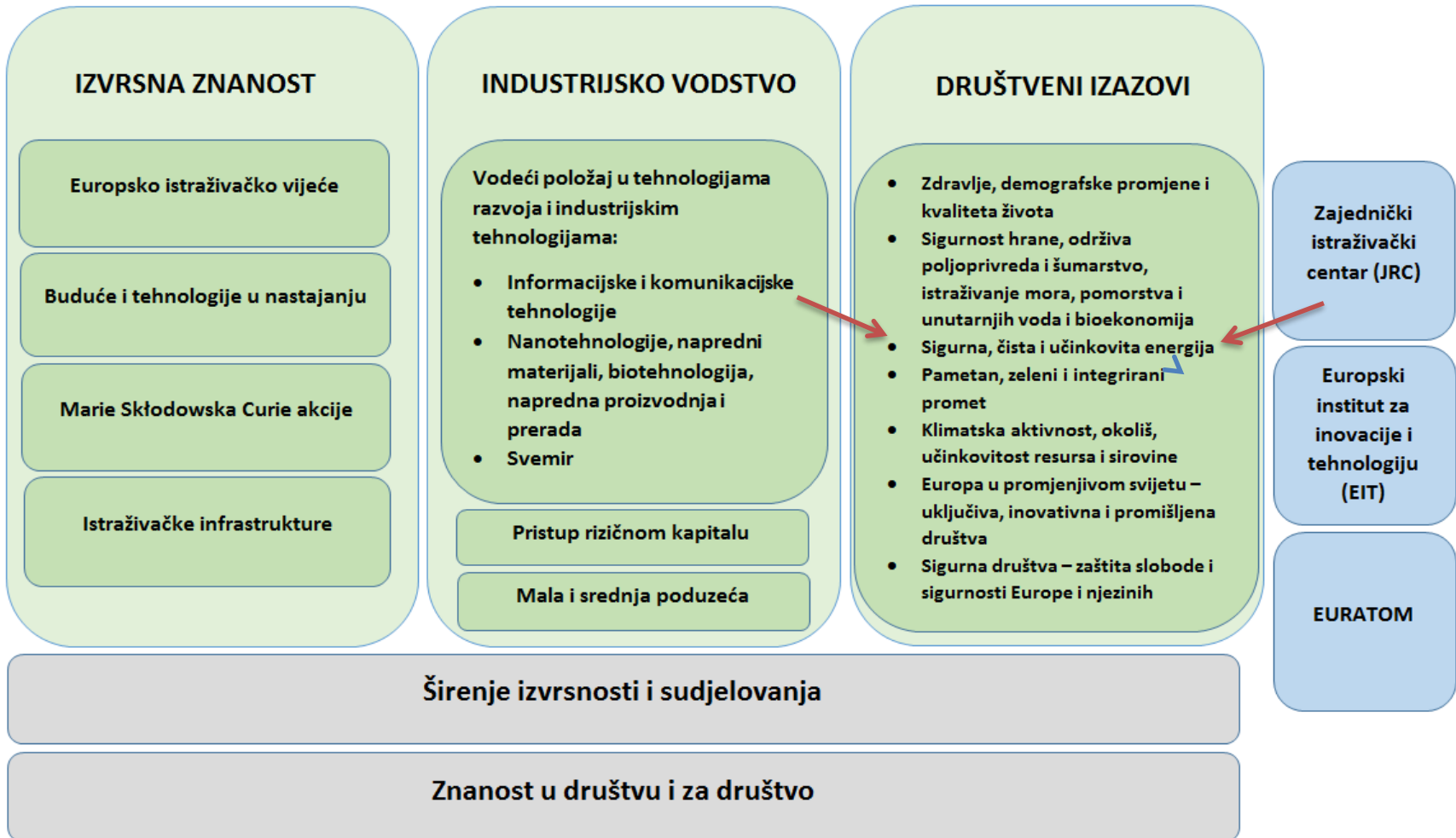
- ✓ **okvirni EU program za istraživanje i inovacije (2014. – 2020.)** koji će doprinijeti ostvarivanju ciljeva iz razvojne strategije Europa 2020:



Glavne odrednice

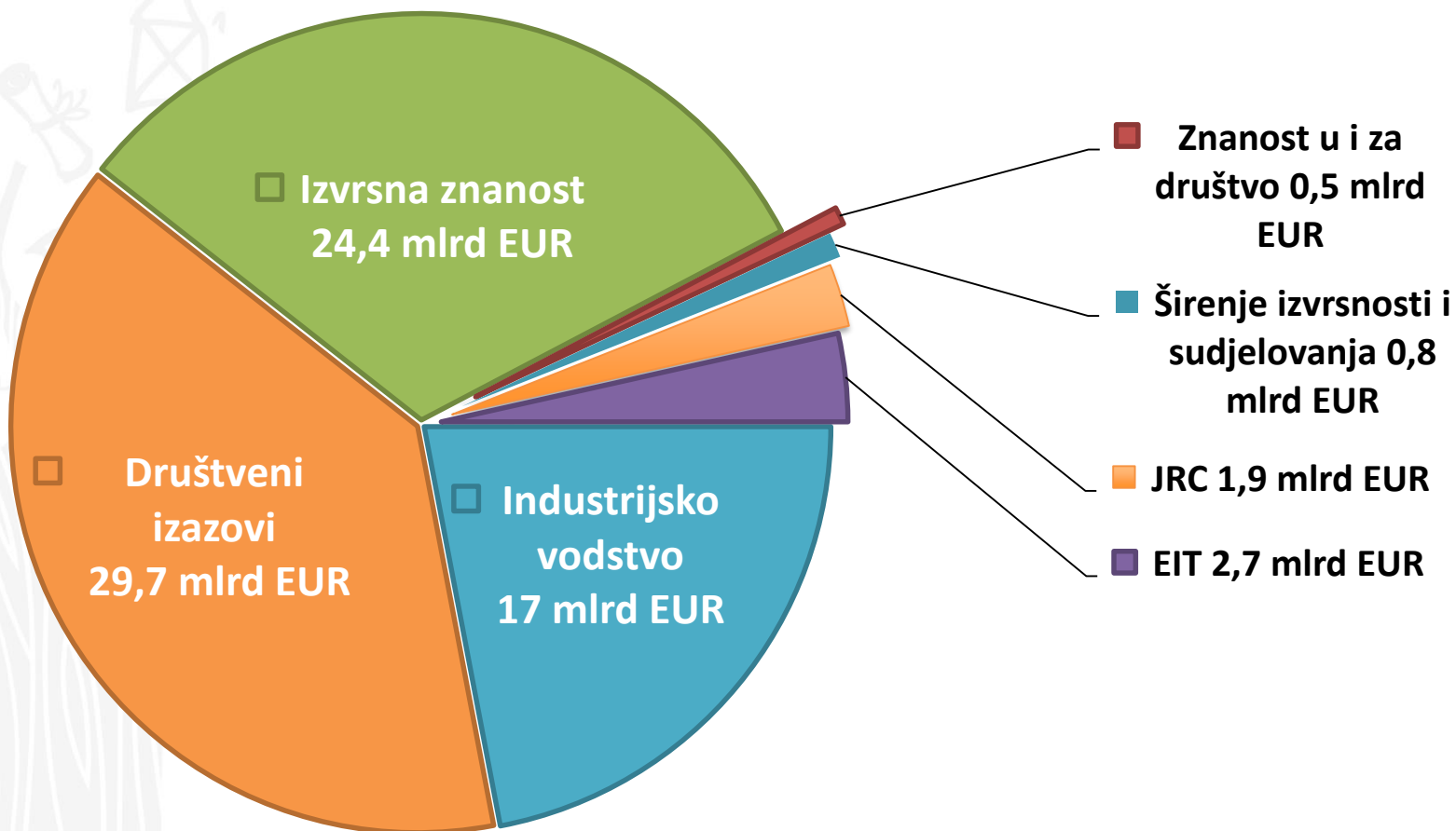
- ✓ spajanje istraživanja s inovacijama
- ✓ rješavanje pitanja građana EU-a o njihovoj **materijalnoj sigurnosti, općoj sigurnosti i okolišu**
- ✓ **jačanje globalne pozicije EU-a** u istraživanjima, inovacijama i tehnologijama
- ✓ međunarodna suradnja

Struktura





Budžet



Jednostavnija pravila

- ✓ **Jednaka pravila za cijeli program**
 - manje financijskih instrumenata
- ✓ **Jednostavniji način financiranja**
 - 1 projekt = 1 stopa financiranja
- ✓ **Brže ugovaranje**
 - do 8 mjeseci nakon zatvaranja natječaja (mogućnost iznimaka)
- ✓ **Manje kontrola i revizija**
 - ciljani odabir
- ✓ **Ujednačena implementacija**
 - jedinstveni IT sustav
- ✓ **Pojednostavljeni ugovori**

Tko može sudjelovati?

OBZOR 2020. otvoren različitim pravnim subjektima:

- Industrija (MSP -> velike kompanije)
- Istraživački instituti
- Visoka učilišta
- Javne ustanove
- Strukovna udruženja
- Međunarodne organizacije
- ...

*definirane u radnom programu

- ✓ ***EU države članice***
- ✓ ***Države kandidatkinje***
- ✓ ***Pridružene države****
- ✓ ***Treće zemlje****

Gdje pronaći natječaje?

✓ **RADNI PROGRAM - dvogodišnji**

*radni program za 2016./2017. – u pripremi novi za 2018. – 2020.

✓ **natječaji (*calls*)** **teme (*topics*)**

✓ tema (*topic*) obuhvaća 3 glavna elementa + instrument:

- **Posebni izazov/*Specific challenge***
- **Opseg/*Scope***
- **Očekivani učinak/*Expected impact***
- **Instrument financiranja /*Type of action***

Dijelovi teme

GV.4-2014. Hybrid light and heavy duty vehicles

Specific challenge: The competitiveness of European road vehicle manufacturers is based on technological leadership particularly on system optimisation and affordability, particularly with respect to powertrains. The challenge is to recover a leading position in hybrid technology. The technology will also have positive effect on the reduction of CO₂ emissions from road transport and air quality.

Scope: Proposals should develop new knowledge on hybrid components (storage system power electronics, etc.) and system engineering, simulation and technology integration with the aim of achieving hybrid powertrain weight and cost reduction, increased functionality, simplification of complex systems, efficiency and affordability while decreasing emissions and improving performance, comfort and functional safety. For light vehicles, preference would be given to concepts providing significant zero emission ranges. The research should be validated through at least one demonstrator for each platform subject of research. The Commission considers that proposals requesting a contribution from the EU of between EUR 10 to 20 million each would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: The research will achieve a 20% powertrain efficiency improvement and a 20% powertrain weight and volume reduction with respect to the best in-class full hybrid vehicles on the market in 2013, while having a maximum 10% cost premium on the conventional model on which the demonstrator is based. To meet air quality targets, the research will prove, by independent testing real driving emissions at least below upcoming Euro 6 or Euro VI limits respectively. The research for light vehicles will develop technologies needed to progress towards the establishment of a future 'Super Low Emission Vehicles' standard with emission targets which are ambitiously lower than Euro 6.

Type of action: Innovation Actions

The conditions related to this topic are provided at the end of this call and in the General Annexes.

Vrste projekata/aktivnosti

Instrument/type of action	Uvjeti	Stopa financiranja
Research and innovation action - RIA	3 pravne osobe iz 3 različite države članice ili pridružene	100%
Innovation action - IA	3 pravne osobe iz 3 različite države članice ili pridružene	100% (70% za profitne)
Coordination and support action - CSA	najmanje 1 pravna osoba	100%
SME Instrument	1 for-profit SME	50 000 eura (1) 70% (2)
Co-fund (PCI, PPI)	3 pravne osobe iz 3 različite države članice ili pridružene (2 javni nabavitelji)	90%, 35%
Co-fund (ERA-NET)	3 pravne osobe (organizacije koje financiraju istraživanje) iz 3 različite države članice ili pridružene	33%

Što mogu financirati Obzor 2020. projektom?

Prihvatljivi troškovi:

DIREKTNI TROŠKOVI:

- **direktni troškovi osoblja**
- **direktni troškovi podugovaranja**
- **ostali direktni troškovi:**
 - ✓ **Trošak putovanja**
 - ✓ **Trošak potrošnog materijala za istraživanje**
 - ✓ **Trošak opreme**
 - ✓ **Troškovi ostalih roba i usluga (prijevod, catering, lektura, izrada web stranice...)**

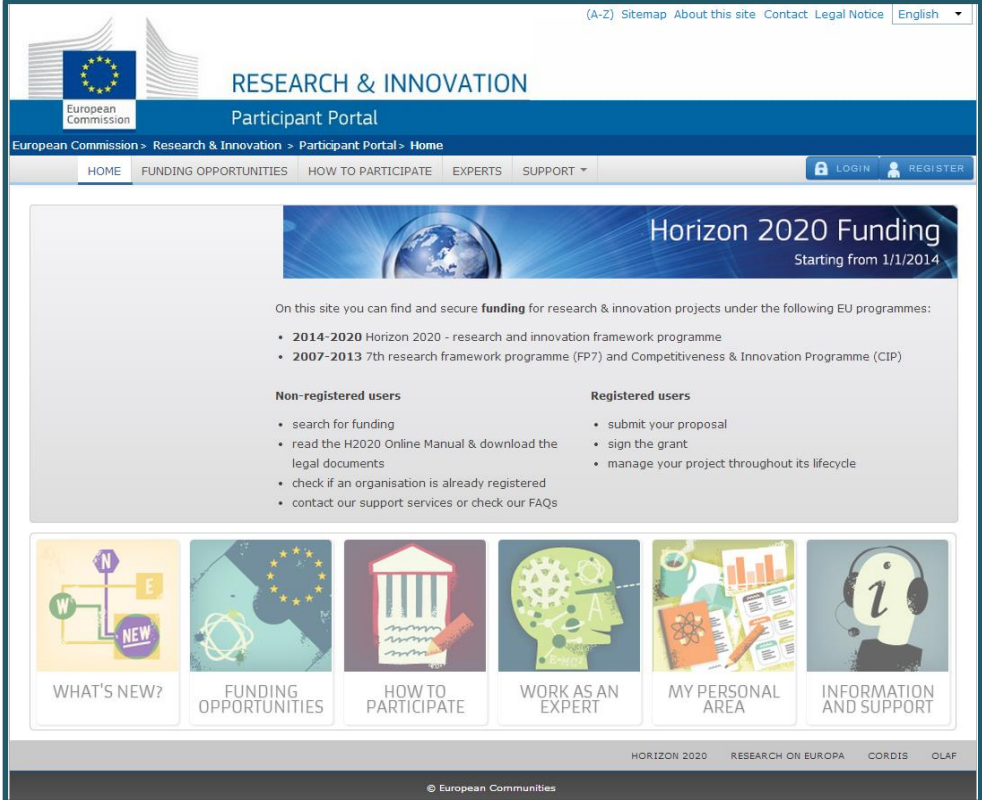
INDIREKTNI TROŠKOVI:

- **fiksna stopa od 25% ukupnih direktnih troškova**

**1 projekt = 1 stopa
financiranja
za SVE sudionike i
aktivnosti u projektu**

Participant portal

- Pruža alate i usluge koji omogućavaju praćenje i upravljanje prijavama i projektima
- Radni programi
- Pretraživanje tema i natječaja
- Natječajna dokumentacija
- Sustav projektnih prijava (*Submission service*)
- ...



The screenshot shows the 'Participant Portal' for 'RESEARCH & INNOVATION' under the European Commission. The page features a navigation menu with options like 'HOME', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'EXPERTS', and 'SUPPORT'. A prominent banner for 'Horizon 2020 Funding' is displayed, starting from 1/1/2014. Below the banner, users are informed that they can find and secure funding for research and innovation projects under EU programmes, specifically the 2014-2020 Horizon 2020 and the 2007-2013 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP). The page is divided into sections for 'Non-registered users' and 'Registered users', each with a list of actions they can take. At the bottom, there are six interactive tiles: 'WHAT'S NEW?', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'WORK AS AN EXPERT', 'MY PERSONAL AREA', and 'INFORMATION AND SUPPORT'. The footer includes logos for Horizon 2020, Research on Europa, Cordis, and Olaf, along with the copyright notice '© European Communities'.

Kako sudjelovati?

1. Pronalazak natječaja
2. Pronalazak partnera
3. Kreiranje korisničkog računa (ECAS)
4. Registracija organizacije (PIC)
5. Podnošenje projektnog prijedloga

The screenshot displays the 'Participant Portal' interface. At the top, it identifies the 'European Commission' and the 'Participant Portal' section. The navigation bar includes 'HOME', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'EXPERTS', and 'SUPPORT', along with a search bar and 'LOGIN' and 'REGISTER' buttons. A sidebar on the left lists resources: 'H2020 Online Manual', 'Reference Documents', 'Beneficiary Register', 'Financial Viability Self-Check', and 'SME Participation'. The main content area is titled 'How to participate' and includes an 'H2020 ONLINE MANUAL' button. It provides introductory text and a list of services: 'H2020 Online Manual', 'Reference documents', 'search for already registered organisations and their PICs', 'Financial viability self-check tool', and 'SME participation'. At the bottom, a five-step process flow is shown: 1. FIND a call, 2. FIND partners, 3. CREATE your account, 4. REGISTER your organisation, and 5. SUBMIT a proposal.

Projektni prijedlozi podnose se elektronički putem *Participant portala*.

[H2020 Online Manual](#) detaljno opisuje proces i uvjete prijave!

Što se ocjenjuje?

EVALUACIJSKI KRITERIJI



IZVRSNOST

UČINAK

IMPLEMENTACIJA

- ✓ Inovacijske aktivnosti i MSP – naglasak na učinku

Nema faze pregovora s EK, projekt se provodi/ne provodi onakav kakav je dostavljen

Rezultati RH u području energije

FINANCIRANO 2014. – 2017.*



34 PROJEKTA



**43 HRVATSKA
PARTNERA**



**4.378.515 EURA
EU POTPORE**

www.cordis.europa.eu

*rezultati preuzeti s e-corde, 28.2.2017.



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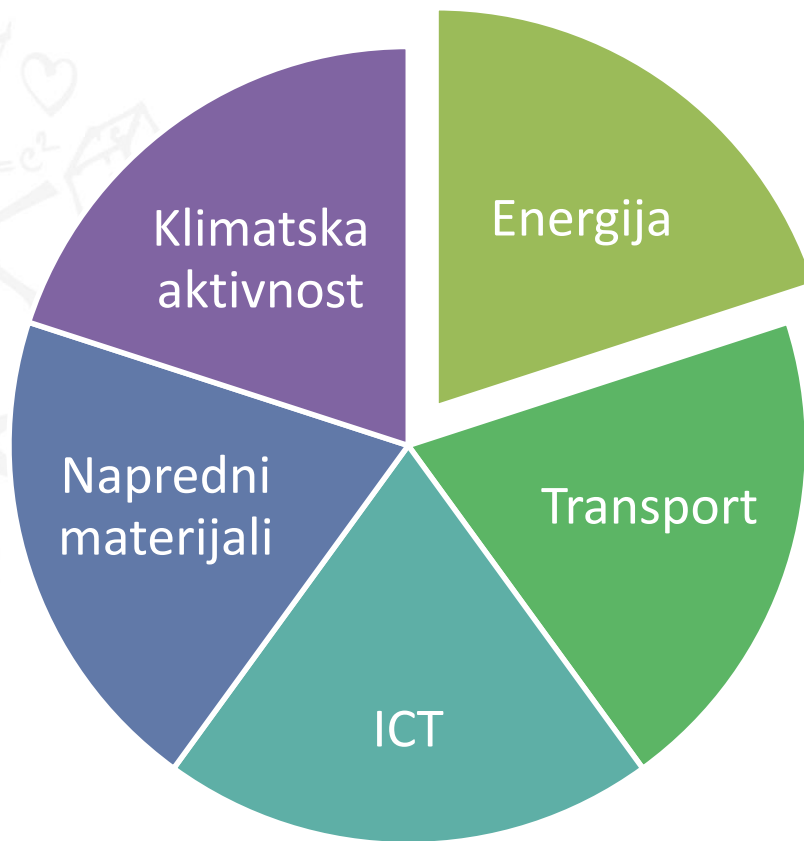
Sigurna, čista i učinkovita energija – novi natječaji

**Novi natječaji za
2018. – 2020. u
izradi...**





Objava novog radnog programa za područje
energije Obzora 2020. krajem 2017.



Multidisciplinarnost u Obzoru 2020.



Pregled ostalih financijskih instrumenata

STEP 1 WHERE?	STEP 2 WHO?	STEP 3 WHAT?	STEP 4 WHICH?	
 <ul style="list-style-type: none"> • Choose your country 	 <ul style="list-style-type: none"> • City / Town / Region • SME • Large company • Civil society organization • Academia 	 <ul style="list-style-type: none"> • Energy • Mobility • ICT • Cross-sectoral • Citizen engagement • Infrastructures • Environment 	 <ul style="list-style-type: none"> • ESIF • Grants • Technical assistance • Financial Instrument 	
Country - Any -	Who am I? City/town/region	Sector/activity - Any -	Type of instrument - Any -	Apply

www.eu-smartcities.eu/funding-guide

Mogućnosti umrežavanja (energija)

✓ Partner Search alat

[C-ENERGY2020](#)



The screenshot shows the C-ENERGY2020 website. At the top, there is a navigation bar with links for HOME, ABOUT, GET NEWSLETTER, INTRANET, and CONTACTS. Below this is a yellow navigation bar with icons for Find your NCP, EU funding, Partner Search, EU networks, News & EU Policy, Calendar, and Media. The main content area is titled "Cenergy Partnersearch: List of partner offers". On the left, there is a "Login" section with fields for Username (E-Mail address) containing "EnergyNCPs" and Password, and a "LOGIN" button. Below the login section are links for "Registration" and "Password lost?". On the right, there is a "List of Partner Offers" section with a table of offers:

ID	Date	Topic
PO-15-BE-23	28.09.2015	Engaging private consumers towards sustainable energy
EE-06-2016-2017:		Engaging private consumers towards sustainable energy
EE-07-2016-2017:		Behavioural change toward energy efficiency through ICT
EE-09-2016-2017:		Engaging and activating public authorities
		Institution: Coopératin Bancaire pour I‘Europe
		Profile/Expertise: see attachment
ID	Date	Topic
PO-15-ES-25	28.09.2015	
EE-10-2016:		Supporting accelerated and cost-effective deep renovation of buildings
EE-12-2017:		Integration of Demand Response in Energy Management Systems while ensuring interoperability

✓ Susreti umrežavanja
(23.06. Brisel,

[E² Tech4Cities Brokerage Event 2017](#)

Nacionalne kontakt osobe – usluge

<http://www.obzor2020.hr/obzor2020/mreza-nacionalnih-osoba-za-kontakt>

- Informiranje
- Stručno savjetovanje
- Suradnja s tematskom mrežom nacionalnih kontakt osoba i Europskom komisijom
- Pravna i financijska pitanja
- Umrežavanje i suradnje s drugim institucijama

Gdje mogu pronaći više informacija?

Službeni hrvatski portal Obzor 2020

www.obzor2020.hr

Portal za sudionike

<http://ec.europa.eu/research/participants/portal4/desktop/en/home.html>

Zašto sudjelovati u Obzoru 2020.?

- Postići nešto što je preveliko da biste učinili sami
- Povećanje kompetitivnosti i inovativnosti
- Rad u međunarodnim timovima, potvrda izvrsnosti i konkurentnosti, razmjena ideja i znanja
- Pristup znanosti i tehnologiji
- Pristup vještinama i ekspertizi koju nemate
- Za uspješne prijavitelje pokrivanje prihvatljivih troškova i do 100%

Maja Salapić

Obzor 2020. nacionalna osoba za kontakt

- Društveni izazov 3: „**Sigurna, čista i učinkovita energija**”
- Društveni izazov 4: „**Pametna, zelena i integrirana promet**”

Agencija za mobilnost i programe Europske unije

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HVALA NA PAŽNJI!

