

Obzor 2020. – ICT Radni program 2016. – 2017.

Katarina Vukušić
NCP za ICT i Sigurna društva,
Obzor 2020.
Varaždin, 8. prosinca 2015.



AGENCIJA ZA
MOBILNOST I
PROGRAME EU



Erasmus+



Obzor 2020.



euraxess



eTwinning



europass



eurodesk



eurodesk
hrvatska



CEEPUS

Vizija

- Osiguravanjem mogućnosti za mobilnost i međunarodnu suradnju u području znanosti, obrazovanja, osposobljavanja i mladih, Agencija pridonosi jačanju ljudskog i demokratskog potencijala, socijalnoj koheziji te konkurentnosti hrvatskog društva.

Misija

- Podupirati internacionalizaciju u svrhu unaprjeđenja kvalitete sustava znanosti, obrazovanja i osposobljavanja te područja mladih u Republici Hrvatskoj, a sukladno potrebama građana, društva i gospodarstva.



Djelatnost AMPEU

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)

Obzor 2020. - struktura

IZVRSNA ZNANOST

Europsko istraživačko vijeće

Buduće i tehnologije u nastajanju

Marie Skłodowska Curie akcije

Istraživačke infrastrukture

INDUSTRIJSKO VODSTVO

Vodeći položaj u tehnologijama razvoja i industrijskim tehnologijama:

- Informacijske i komunikacijske tehnologije
- Nanotehnologije, napredni materijali, biotehnologija, napredna proizvodnja i prerada
- Svemir

Pristup rizičnom kapitalu

Mala i srednja poduzeća

DRUŠTVENI IZAZOVI

- Zdravlje, demografske promjene i kvaliteta života
- Sigurnost hrane, održiva poljoprivreda i šumarstvo, istraživanje mora, pomorstva i unutarnjih voda i bioekonomija
- Sigurna, čista i učinkovita energija
- Pametan, zeleni i integrirani promet
- Klimatska aktivnost, okoliš, učinkovitost resursa i sirovine
- Europa u promjenjivom svijetu – uključiva, inovativna i promišljena društva
- Sigurna društva – zaštita slobode i sigurnosti Europe i njezinih građana

Zajednički istraživački centar (JRC)

Europski institut za tehnologiju (EIT)

EURATOM

Širenje izvrsnosti i sudjelovanja

Znanost u društvu i za društvo

- Jednaka pravila za cijeli program
- Jednostavniji način financiranja
- Brže ugovaranje
- Manje kontrola i revizija
- Ujednačena implementacija
- Pojednostavljeni ugovori



European
Commission

RESEARCH & INNOVATION

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On this site you can find and secure **funding** for research & innovation projects under the following EU programmes:

- **2014-2020** Horizon 2020 - research and innovation framework programme
- **2007-2013** 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)

Non-registered users

- search for funding
- read the H2020 Online Manual & download the legal documents
- check if an organisation is already registered
- contact our support services or check our FAQs

Registered users

- submit your proposal
- sign the grant
- manage your project throughout its lifecycle



WHAT'S NEW?



FUNDING
OPPORTUNITIES



HOW TO
PARTICIPATE



WORK AS AN
EXPERT



MY PERSONAL
AREA



INFORMATION
AND SUPPORT



OBZOR 2020.

HRVATSKI PORTAL OKVIRNOG PROGRAMA EU
ZA ISTRAŽIVANJA I INOVACIJE

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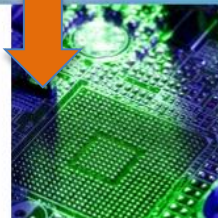
PRIORITET 1



Izvrсна znanost

Prvi prioritet novog europskog programa za znanost i inovacije, pod nazivom „Izvršna znanost“, ima za cilj povećanje izvrsnosti... » [više](#)

PRIORITET 2



Industrijsko vodstvo

Globalno poslovno okruženje se ubrzano mijenja i ciljevi strategije Europa 2020 za pametan, održiv i uključiv rast predstavljaju... » [više](#)

PRIORITET 3



Društveni izazovi

Obzor 2020. izravno pridonosi rješavanju glavnih društvenih izazova identificiranih u strategiji Europa 2020. i njenim predvodničkim... » [više](#)

•Dvogodišnji

•**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*

Primjer teme u radnom programu

HORIZON 2020 – WORK PROGRAMME 2014-2015

Secure societies – Protecting freedom and security of Europe and its citizens

DS-2-2014: Access Control

Specific challenge: Security includes granting access only to the people that are entitled to it. Currently the most widespread approach relies on passwords. Managing the passwords has its limits and poses a challenge to the user, which adds vulnerabilities. Common practice is to use the same or similar password, which increases significantly the risk should the password be broken.

Scope: The focus is on the development and testing of usable, economic and privacy preserving access control platforms based on the use of biometrics, smart cards, or other devices. The solutions are to be installed and tested in a broad-band network, giving access to smart services running over networks with state-of-the-art security, avoiding single points of failure. Proposed work should include the management of the access rights in particular for the service providers, ensure the security and privacy of the databases, facilitate a timely breach notification and remediation to the user, and reduce the insider threat.

The proposed solutions have to guarantee interoperability and portability between systems and services, sparing the user to have to install a platform, service or country specific technology.

Proposed work could assist the objective of implementing a secure information sharing network.

The Commission considers that proposals requesting a contribution from the EU of between €3m and €8m EURO would allow this topic to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Proposals have to address the specific needs of the end-user, private and public security end user alike. Proposals are encouraged to include public security end-users and/or private end users.

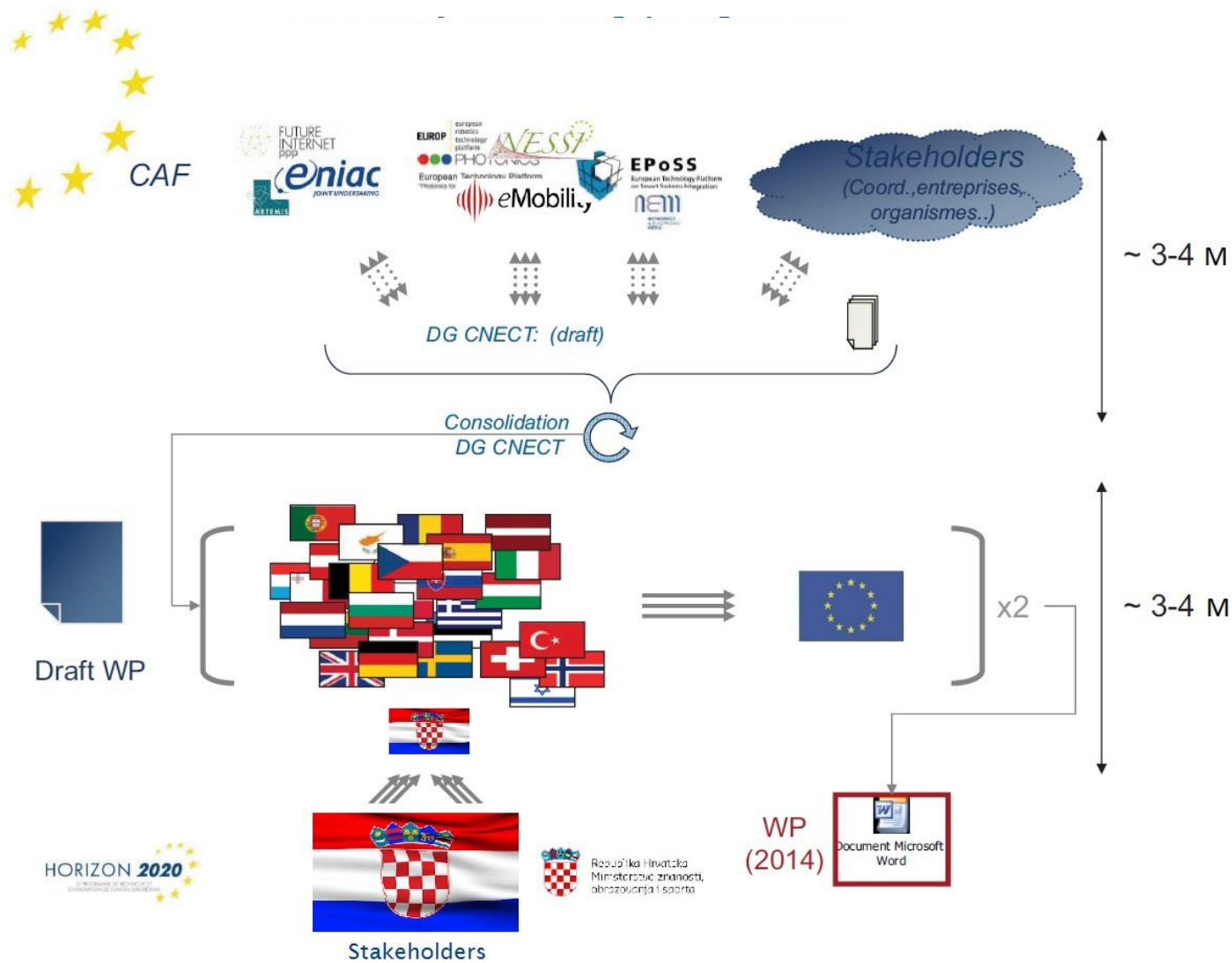
Expected impact: Actions supported under this objective will deliver secure, but user-friendly, access to ICT systems, services and infrastructures, resulting in a consumerisation of devices for access control. The level of security of online services and critical infrastructures protected by these access systems should be demonstrably higher than by the state-of-the-art approach. The proposed solutions are expected to support the creation of commercial services making use of electronic identification and authentication.

Type of action: Innovation actions

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



Stvaranje radnog programa



Instrumenti financiranja

Instrument (type of action)	Uvjeti	Postotak EC doprinosa
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 jedna pravna osoba	100%
SME Instrument	Jedan for-profit SME	70%
Co-fund (PCP, PPI)	3 pravne osobe iz 3 različite države članice ili pridružene, od su 2 javni nabavitelji	70%, 20%
Co-fund (ERA-NET)	3 pravne osobe iz 3 različite države članice ili pridružene, moraju biti organizacije koje financiraju istraživanje	20% max za troškove koordinacije

Izvrsnost

Učinak

Implementacija

Inovacijske akcije – naglasak na UČINKU

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



PP – search topics

(A-Z) Sitemap About this site Contact Legal Notice Search English

RESEARCH & INNOVATION

European Commission Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT Search PP LOGIN REGISTER

Horizon 2020

Search Topics

Calls Call Updates

Other EU Programmes 2014-2020

Research Fund for Coal & Steel
COSME
3rd Health Programme
Consumer Programme

FP7 & CIP Programmes 2007-2013

Calls Call Updates

Other Funding Opportunities

0 Results Keyword Search: **disaster res** SEARCH

If you don't find what you're looking for, try a **text search**.

Disaster resilience management

Status: Open Closed Forthcoming

Sort by: Title Call Id Publication Date Deadline Date

In addition, **see all the open calls** of Marie Skłodowska-Curie actions (MSCA) and European Research Council (ERC) grants for individual researchers of any nationality and research teams. The MSCA grants include opportunities for companies and SMEs. **The MSCA and ERC grants are not restricted to specific topics.**

Quick finder for topics linked to H2020 cross-cutting priorities:

Cross-cutting Key-Enabling Technologies (KETs)
ERA-NET
Gender
Contractual Public-Private Partnerships (cPPPs)

International cooperation
SME Instrument
Social sciences and humanities

PP – radni program (1)

European Commission > Research & Innovation > Participant Portal > Reference Documents

HOME FUNDING OPPORTUNITIES **HOW TO PARTICIPATE** EXPERTS SUPPORT ▾ Search PP 🔍 LOGIN REGISTER

H2020 Online Manual
Reference Documents
Beneficiary Register
Financial Viability Self-Check
SME Participation

Reference Documents

This page includes all the H2020 & FP7 reference documents starting with legal documents and the Commission work programmes for research and innovation up to model grant agreements and guides for specific actions and horizontal issues. The documents are grouped by categories. It also includes reference documents of other EU programmes, as 3rd Health, Consumer, COSME and Research Fund for Coal and Steel programmes. To access a document:

- Click on a folder
- Click on ARROW to have more information about the document and its available translations

You can search a specific H2020 or FP7 document on the [Europa Search](#) service.

H2020 Other EU programmes FP7

PP – radni program (2)

H2020

Other EU programmes

FP7

- Legal basis 
 - Framework programmes (EC-Euratom)
 - Rules for participation
 - Specific programme
 - European institute of Innovation and Technology (EIT)
- Model grant agreement
 - General Grant Agreement
 - European Research Council (ERC)
 - Marie-Sklodowska-Curie (MSC)
 - SME Instrument
 - ERANET Cofund
 - Pre-Commercial Procurement (PCP)/Public Procurement of Innovative Solutions (PPI) Cofund
 - European Joint Programme Cofund
 - Framework Partnerships
 - Lump sum
- H2020 Grants Manual
 - Section on beneficiary registration, validation and financial viability check
 - Section on proposal submission and evaluation
 - Guidance on evaluation of some H2020 aspects
 - Section on grant agreement preparation
 - Annotated Model Grant Agreement
 - Horizontal issues
- H2020 Prizes Manual
 - [Rules for contests of prizes](#) >
- H2020 Experts Manual
 - [Contract for experts](#) >
 - [Contract for ERC non-paid Experts](#) >
 - [H2020 Experts Manual](#) >
- Specific guidelines
 - ERC rules for submission and evaluation
- Work Programmes**
 - 2014-15
 - 2016-17
- Templates & forms
 - Proposal templates
 - Proposal evaluation forms
 - Project reporting templates

Radni program ICT (1)

Radni program LEIT: ICT

Natječaj i oznaka natječaja

Broj tema

Information and communication technologies –
H2020-ICT-2016-2017

39

EU-Japan Joint Call –
H2020-EUJ-2016

3

EU-Brazil Joint Call –
H2020-EUB-2017

2

EU-South Korea Joint Call –
H2020-EUK-2016

3

SME Instrument – ODI –
H2020-SME-2016-2017

Fast Track to Innovation –
H2020-FTTI-2016

Radni program ICT (2)

ICT u drugim radnim programima, piloti i fokusna područja	Broj tema
ICT for the Factories of the Future – H2020-FoF-2016-17	3
Internet of Things– H2020- IoT-2016-17	3
Digital Security Focus Area – H2020-DS-2016-17	2
Prizes	2
Sustainable Food Security – H2020-SFS-2017	1
Nanotechnologies, advanced materials, biotech – H2020-NMPB-2017	1

- **A new generation of components and systems**
 - Smart-Cyber Physical Systems
 - Thin, Organic and Large Area Electronics
 - Smart System Integration
 - Smart Anything Everywhere Initiative
- **Advanced Computing and Cloud Computing**
 - Customised and low energy computing
 - Cloud Computing
- **Future Internet**
 - 5GPPP Research and Validation of critical technologies and systems
 - 5GPPP Convergent Technologies
 - Networking research beyond 5G
 - Software Technologies
 - Collective Awareness Platforms for Sustainability and Social Innovation
 - Net Innovation Initiative
 - Future Internet Experimentation – Building a European experimental infrastructure

- **Content**

- Big Data PPP: cross-sectorial and cross-lingual data integration and experimentation
- Dig Data PPP: Large Scale Pilot actions in sectors best benefitting from data-driven innovation
- Bid Data PPP: research addressing main tech challenges of the data economy
- Big Data PPP: Support, industrial skills, benchmarking and evaluation
- Big Data PPP: privacy preserving big data technologies
- Media and content convergence
- Tools for smart digital content in the creative industries
- Support technology transfer to the creative industries
- Technologies for Learning and Skills
- Interfaces for Accessibility
- Gaming and gamification

- **Robotics and Autonomous Systems**

- Advanced robot capabilities research and take-up
- System abilities, development and pilot installations
- System abilities, SME & benchmarking actions, safety certification
- Robotics Competition, coordination and support

- **ICT Key Enabling Technologies**

- Photonics KET 2016
- Photonics KET 2017
- Micro- and nanoelectronics technologies

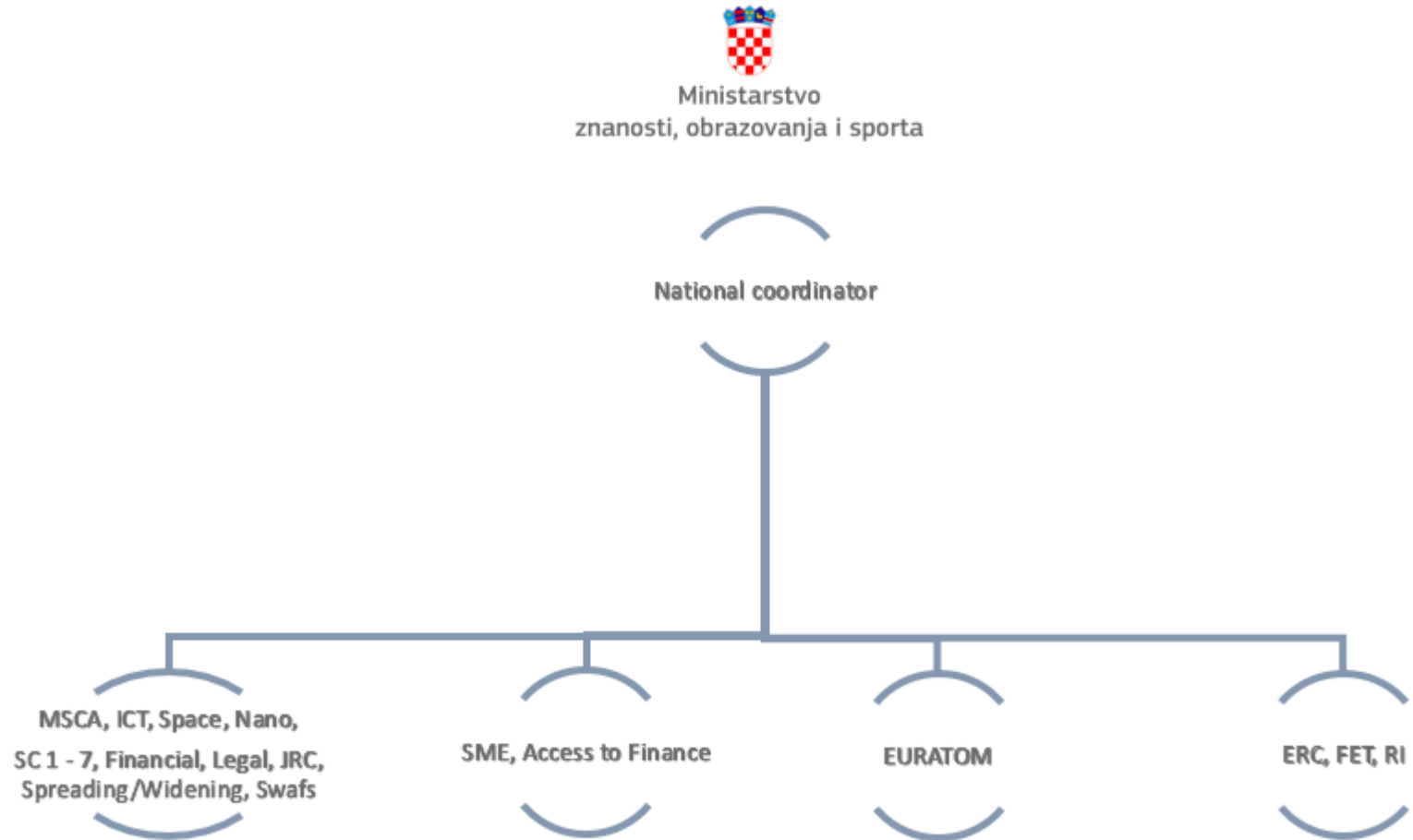
- **U drugim područjima:**

- ICT in the Factories of the Future – tri teme
- Internet of Things – tri teme
- Digital Security – osam tema

- **Innovation and Entrepreneurship support**
 - Startup Europe for Growth and Innovation Radar
 - Innovation procurement networks
 - Pre-Commercial Procurement open
- **Responsibility and Creativity**
 - Enabling responsible ICT-related research and innovation
 - Boost synergies between artists, creative people and technologists
- **International Cooperation Activities**
 - CHINA: Collaboration on Future Internet
 - MEXICO: Collaboration on ICT
 - International partnership building in low and middle income countries
 - Koordinirani pozivi s Japanom, Južnom Korejom, Brazilom i Tajvanom

- **Konsolidacija inovacijskog dijela:**
 - Podupiranje *core* ICT industrija kroz nove PPP-jeve
 - Jačanje SME instrumenta
 - Nastavak FTTI
 - IoT i digitalna sigurnost
 - IoT i Big Data
- **Osiguravanje budućih tehnoloških komponenti**
- **Jačanje međunarodne dimenzije**
- **Jača integracija ICT dijela u ostalim društvenim izazovima**
- **Povećana potpora horizontalnim aktivnostima**

Struktura potpore



Nacionalne kontakt osobe - usluge

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

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

<http://www.obzor2020.hr/obzor2020-kontakt>



OBZOR 2020.

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Transnacionalna suradnja – projekti NCP

<http://www.ideal-ist.eu/>

Ideal-ist Representatives



- Mreža nacionalnih osoba za kontakt
- Za ICT u Obzoru 2020.
- Potpora diljem svijeta
- Na vašem vlastitom jeziku

| Albania | Argentina | Armenia | Australia | Austria | Azerbaijan | Belarus | Belgium | Bolivia | Bosnia and Herzegovina | Bulgaria | Canada | Chile | Costa Rica | Croatia | Cyprus | Czech Republic | Denmark | Dominican Republic | Egypt | Estonia | Faroe Islands | Finland | France | Georgia | Germany | Greece | Greenland | Guatemala | Hungary | Iceland | India | Indonesia | Ireland | Israel | Italy | Japan | Jordan | Latvia | Lithuania | Luxembourg | Macedonia | Malta | Mexico | Moldova | Montenegro | Morocco | Netherlands | New Zealand | Norway | Philippines | Poland | Portugal | Romania | Russia | Serbia | Singapore | Slovakia | Slovenia | Spain | Sweden | Switzerland | Taiwan | Tunisia | Turkey | Uganda | Ukraine | United Kingdom | Uruguay | Uzbekistan | Quality Manager



<http://www.ideal-ist.eu/>

Najvažnije usluge koje projekt IDEALIST nudi:

- **Pretraga partnera – Partner Search**
- **NCP Toolbox**
- **Brokerage organizacija**
- **Pre-proposal check**

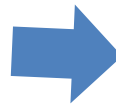


Partner Search Service



Step1

Proposer inserts a new
Partner Search online



Step2

PS is checked by local representative
& Quality Team according to
subjective & objective criteria:
Quality Label



PS is published & distributed to
subscribers of national mailing list
(~85,000 contacts)

Step3



Potential partner send EOIs
(Expression of interest) to
proposers (on avg. 50 per
PS)

Step4



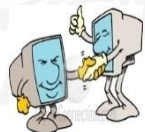
Step5

Proposer replies to Eois
(Standard reply form)
& chooses partner(s) to
build consortium
(98% success rate)



Step6

PS is closed & Proposer
fills in feedback form



Home » Toolbox » Basic info

This Toolbox has been designed by Ideal-ist to support proposers during the whole application process from project idea to project completion and future planning. Choose a category and a sub category to see a list of available media content

Basic info

Proposal

Project

Search



 Upload an item

> Instruments

> Newcomer resources

> Calls and background information

> Archives

> Fact Sheets

> Financial and legal issues

> Intellectual property rights

> Horizon 2020

> Vocabulary / Glossary

IDEALIST – Brokerage

Na događaju ICT2015 u Lisabonu:

- **829** sudionika
- Iz **50** država
- Predstavljali su: sveučilišta, kompanije, istraživačke laboratorije i institute, mala poduzeća,...
- I održali **2764** sastanaka



IDEALIST – Pre-proposal check

Mjesec dana prije najvećeg natječaja:

- Nekoliko evaluatora
- Iskusni NCP-jevi
- Prilika za kvalificirane komentare
- Koln i Varšava, 2014. i 2015.
- Hrvatski prijavitelji nisu došli



- **Kontakti NCP**

<http://obzor2020.hr/obzor2020-kontakt>

- **Obzor traži interdisciplinarnan pristup**
- **Radni program je dvogodišnji**
- **Teme će biti dostupne i pretražive na Participant portalu**
- **Rano kreirati konzorcije**