



Rijeka, 19.01.2023.

Kako EIT Urban Mobility doprinosi pripremi i provedbi SUMP-ova?

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SADRŽAJ

- **EIT URBAN MOBILITY RIS HUB HRVATSKA**

Kako možemo pomoći gradovima u planiranju održive
urbane mobilnosti?

- **EIT URBAN MOBILITY – POZIVI I INICIJATIVE**

Što nudi EIT Urban Mobility tijekom 2023.?

- **REGEA – PROJEKTI I PRILIKE ZA SURADNJU**

Koje su aktivnosti REGEA-e u području urbane mobilnosti i
kako su povezane sa SUMP-ovima?





Urban Mobility

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EIT URBAN MOBILITY RIS HUB HRVATSKA



Urban Mobility
RIS HUB CROATIA

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EIT Urban Mobility RIS HUB CROATIA (2021): Partneri



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Zajednički
pristup
omogućuje
sinergije.

EIT Urban Mobility RIS
Hub Croatia is supported
by EIT Urban Mobility, an
initiative of the [European
Institute of Innovation and
Technology \(EIT\)](#), a body
of the European Union.



- 2008 – najveća energetska i klimatska agencija u Hrvatskoj
- 4 županije osnivači
- oko 50 zaposlenih
- član FEDARENE (EU Association of Agencies and Regions for Energy and Environment) / 2011
- Koordinator EIT UM hub-a
- koordinator EIT Climate KIC HUB Croatia / 2018
- New European Bauhaus koordinator za Hrvatsku
- 30-ak međunarodnih projekata u provedbi



- vodeća obrazovna i istraživačko-razvojna institucija u području elektrotehnike i ICT-a
- 256 domaćih i međunarodnih R&D projekata
- višestruke aktivnosti povećavanja znanja i popularnosti STEM-a
- SPOCK - FER-ov studentski startup inkubator
- Aktivnosti vezane uz EV (obrazovanje, softver, hardver, testiranje)



- usluge podrške inovacijama za studente, startupe i poduzetnike
- skautirao preko 1.500 inovativnih startupa (od 2008)
- proveo 25 različitih edukacija i radionica
- preko 40 „matchmaking“ događaja
- 250 startup-a aktivno uključenih u programe poslovne podrške





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2023 ➤

PROGRAM 'REAL MAYORS' (REGEA)

NAJAVA: KONFERENCIJA U OPATIJI (REGEA)

PODRŠKA PODUZETNICIMA (INVENTO)

PRIPREMA NOVIH PROJEKATA S GRADOVIMA

EIT UM REAL Mayors Programme

(Responsible Educated Agile Leading Mayors)



REAL
MAYORS
PROGRAM

- Ciljna skupina: donositelji odluka u općinama, gradovima, županijama (bez naknade)
- Modularan program = svaki grad/općina/županija može odabrati module koje želi slušati
- Jedinstven tip treninga: učenje kroz analizu mobilnosti vlastite JLS/JRS



Moduli:

REAL MAYORS PROGRAM

SUMP

M0
Uvodni modul

M1
Urbana mobilnost i energetska tranzicija

M2
Digitalizacija i urbana mobilnost budućnosti

M3
Integrirano planiranje za održivu urbanu mobilnost

M4
Priprema projekata urbane mobilnosti

M5
Uloga građana u projektima urbane mobilnosti

M6
Inovacije u urbanoj mobilnosti



Ciljevi:



REAL
MAYORS
PROGRAM

- **podići svijest i znanje o ključnim trendovima koji utječu na lokalne i regionalne ekosustave urbane mobilnosti**
- omogućiti gradovima i regijama da **procijene razinu održivosti vlastitih sustava urbane mobilnosti**
- **poboljšati i integrirati procese planiranja**
- omogućiti **informirani proces donošenja odluka o sustavima mobilnosti gradova i regija**
- pripremiti i uključiti gradove i regije u **projekte urbane mobilnosti**
- ojačati o temama urbane mobilnosti **komunikaciju između lokalne/regionalne uprave i građana**
- povećati broj gradova koji **testiraju/demonstriraju inovativna rješenja**



Plan provedbe programa:

2024 

**REAL
MAYORS
PROGRAM**

| 2023 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|------------------------|---|---|---|---|---|---|---|---|---|----|----|----|
| M1 | | | | | | | | | | | | |
| M2 | | | | | | | | | | | | |
| M3 | | | | | | | | | | | | |
| M4 | | | | | | | | | | | | |
| M5 | | | | | | | | | | | | |
| M6 | | | | | | | | | | | | |
| M0 | | | | | | | | | | | | |
| Pilot trening – Grad 1 | | | | | | | | | | | | |
| Pilot trening – Grad 2 | | | | | | | | | | | | |
| Pilot trening – Grad 3 | | | | | | | | | | | | |



'SAVE THE DATE'

OPATIJA
27.-29.04.
čet-sub

- Paneli, radionice, networking
- JLS/JRS + R&D + SME + industrija
- HOTEL AMBASADOR OPATIJA
- GITONE KVARNER, HGK, REGEA, TZ

- KONFERENCIJA:
 - Zelene tehnologije
 - Plavi rast
 - Inovacije





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EIT URBAN MOBILITY: POZIVI I INICIJATIVE U 2023.



Calendar calls launched in 2023

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dic |
|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Academy | | | | | | | | | | | | |
| Innovation | | | | | | | | | | | | |
| Impact ventures | | | | | | | | | | | | |
| RIS | | | | | | | | | | | | |
| Market development | | | | | | | | | | | | |
| Citizen engagement & public realm | | | | | | | | | | | | |
| Cross-KIC strategic synergies | | | | | | | | | | | | |

Call for EIT UM partners (Filling the portfolio gap)
Feb/Mar 2023 (TBC)

2nd Open Call BP23-25
Jul 2023

1st Open Call BP23-25 Jan 2023

Open Call (RAPTOR)
Mar 2023

Call for EIT UM partners (targeted calls)
Feb-June 2023 (TBC)

Permanently open call (Start-ups)
Feb 2023

2nd Call BP23-25 (RIS Education)
Jul 2023

Permanently open call (Market development activities)
Feb 2023

Call for EIT UM partners (Behaviour change for sustainable mobility)
Feb/March 2023

Call for EIT UM Partners (User engagement for urban mobility solutions)
April/May 2023 (TBC)

Cross-KIC Open Call for NEB Citizen Engagement activities
Cross-KIC Open Call for NEB Co-creation of public space through Citizen Engagement
Jun 2023

<https://www.eiturbanmobility.eu/category/calls-for-proposals/>



Provisional Challenge Areas for next year Innovation calls: Trends, Influences and Issues

Energy Crisis: Alternative Fuels, New Mobility HW, Infrastructure, Local Generation, Energy Communities, Smart/MicroGrid, Reduce Cars on Road.

Technological Self-Determination: Data Spaces, Physical Internet, Artificial Intelligence, New Services, Cybersecurity/ Privacy.

Climate Crisis: 15-min City, Network Resilience, Asset Management, Community Sharing, Active Mobility

Mass Transit Adoption: UX, Multimodal, “Luxury” Trains/ Buses, Capacity + Regularity Improvements, Waterways, Service Improvement, LTE Connectivity

Last Mile Logistics: Business Models, Brokerage Services, Competition Policy, Industry Consolidation, Reverse Logistics

FinTech: Cross Border Billing, Alternative Fuels Network, Ticketing Best Price/Comparison, MaaS Integration, RoI to RoO.

Mobility Policies: Regulation – Fiscal – Monetary – ByLaws – Spatial Management Enforcement.



Energy

BEV & Infrastructure
Hydrogen HW &
Infrastructure
Local Generation &
Storage
Billing/Ticketing
Artificial Intelligence
SmartGrid
Alternative Fuels

Logistics

Brokerage
Consolidation Hubs
Billing/Fiscal
Bylaws/Regulation
Business Model
Artificial Intelligence
Waterways
Reverse Logistics (RLaaS)

Future Digital

Data Space
Physical Internet
MaaS/ Dynamic Service
Cyber/Privacy
Asset Management
DRT integration
UX mass transit
Critical Infrastructure
LTE Connectivity





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REGIONALNA ENERGETSKO-KLIMATSKA AGENCIJA SJEVEROZAPADNE HRVATSKE (REGEA)





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PROJEKT ACCELERATE2MOVE (EIT UM)

PROJEKT EV CHARGING FROM LAMP POSTS (EIT UM)

PROJEKT NEB4INNOVATION (NEB)



Accelerate2Move (2023-2025)



A2M
PROJEKT

- 6 partnera + eksterni partneri, LV + HR + SI
- 4 akceleratora + teleoperator
- REGEA – koordinator
- tematski akcelerator: AI, BlkChn, IoT, Web 3.0, 5G – mobilnost budućnosti
- Paneuropski natječaj za start-up-e i scale-up-e → 12 podržanih startupa godišnje → 4 odabrana za investiciju
- **pilotiranje i testiranje inovacija u gradovima**



EV Charging from Lamp Posts (2023)



- Cilj: instalacijom punjača na stupove javne rasvjete osigurati novu uslugu e-mobilnosti i omogućiti dodatan izvor prihoda za lokalnu samoupravu



Hrvatski gradovi: 15 punjača (Samobor, K...

EV Charging from Lamp Posts (2023)



- Funkcionalno na monofaznoj i trofaznoj naponskoj mreži
- Moguća instalacija na stare i nove rasvjetne stupove
- Uključuje sustav naplate punjenja
- Uključuje mogućnost upravljanja kako bi se osiguralo punjenje tijekom dana, dok je rasvjeta ugašena
- Vrijeme instalacije je 4 sata
- Prihodi ovise o trošku el. energije, korištenosti, troškovima najma infrastrukture itd.



NEB4INNOVATION (2022): HACKATHON



BIKEUP & SEDStation

NEB4INNOVATION (2022): SedStation - Smart Eco Distribution Station



- zeleni krov
- solarni paneli
- Modul 1 – paketomat
- Modul 2 – stalci za bicikle i e-bicikle
- IoT senzorika
- pametna oprema...

IZVEDBENI PROJEKT 12/22!

NEB4INNOVATION (2022): SedStation - Smart Eco Distribution Station



ZAKLJUČAK

EIT Urban Mobility izravno **NE** financira izradu SUMP-ova, **ALI** **OMOGUĆUJE...**

...provedbu / testiranje dijela mjera kroz **demonstraciju/pilotiranje inovativnih rješenja u gradovima...**

...izravnu i prilagođenu **edukaciju te posredan rad na razvoju SUMP-ova...**

...pristup **bazi znanja EIT UM.**





Thank you!



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