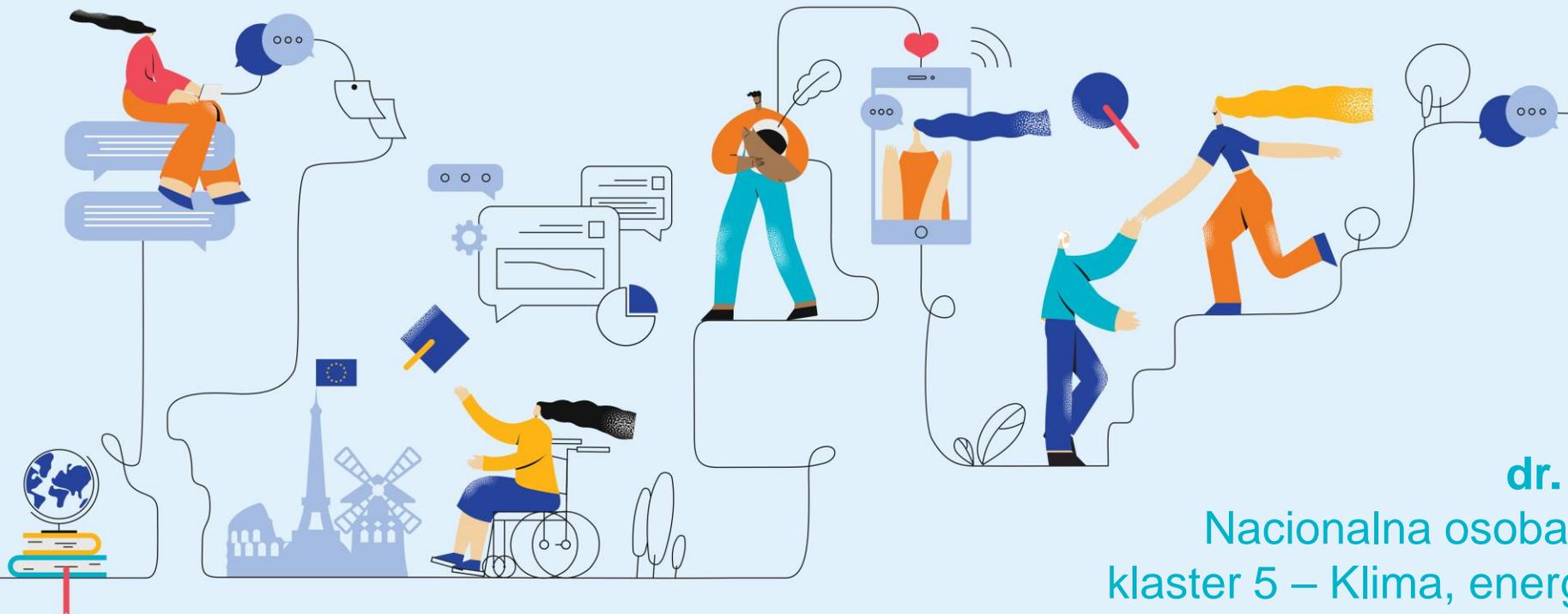


# Klaster 5 – Klima, energija i mobilnost



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klaster 5 – Klima, energija i mobilnost

# Struktura Obzora Europa

## OBZOR EUROPA

## EURATOM



\* Europski institut za inovacije i tehnologiju (EIT) nije dio posebnog programa

\*\* Nenuklearne aktivnosti JRC-a

# Kako će klaster 5 programa Horizon Europe donijeti promjene?

## Očekivani učinci klastera

Napredak znanosti za pravednu tranziciju prema klimatski neutralnom i otpornom društvu.

Olakšavanje čiste i održive tranzicije energetske i prometnog sektora prema klimatskoj neutralnosti kroz međusektorska rješenja.

Osiguravanje učinkovitije, održive, sigurne i konkurentne opskrbe obnovljivom i dekarboniziranom energijom.

Učinkovita, pristupačna i održiva uporaba energije u zgradama i industriji.

Postizanje održivih, uključivih i konkurentnih prometnih sustava.

Razvijanje multimodalnih sustava i usluga za klimatski neutralnu, pametnu i uključivu mobilnost.

# Struktura klastera 5 – Klima, energija i mobilnost

## Destination 1: Climate sciences

Climate science

## Destination 2: Cross-sectoral solutions

Batteries

## Destination 3: Energy supply

Renewable energy

Energy systems, grids & storage

Carbon Capture, Utilisation and Storage (CCUS)

## Destination 4: Energy demand

Buildings

Industry

## Destination 5: Clean and competitive solutions for all transport modes

Zero-emission road transport

Aviation

Waterborne transport

Transport-related health and environmental issues

## Destination 6: Transport and Smart Mobility services

Connected, Cooperative and Automated Mobility (CCAM)

Multimodal transport, infrastructure and logistics

Safety and resilience

Cross-cutting issues

# Radni program klastera 5 Klima, energija i mobilnost 2026. – 2027.



# Natječaji

## Dostupan je radni program 2026-2027

Call - BATTERIES and ENERGY: HORIZON-CL5-2026-03: 18. 12. 2025. - 31. 3. 2026.

Call - ENERGY: HORIZON-CL5-2026-04-Two-Stage : 18. 12. 2025. - 31. 3. 2026. (1. faza), 20. 10. 2026. (2. faza)

Call - MOBILITY: HORIZON-CL5-2026-05: 18. 12. 2025. - 14. 4. 2026.

Call - MOBILITY: HORIZON-CL5-2026-06-Two-Stage : 18. 12. 2025. - 14. 4. 2026 (1. faza), 8. 10. 2026. (2. faza)

Call - CLIMATE: HORIZON-CL5-2026-07 : 18. 12. 2025. - 15. 4. 2026.

Call – CLIMATE: HORIZON-CL5-2026-08-Two-Stage : 18. 12. 2025. - 15. 4. 2026 (1. faza), 8. 10. (2. faza)

Call - BATTERIES and ENERGY: HORIZON-CL5-2026-09 : 5. 5. 2026. - 15. 9. 2026.

Call - BATTERIES and MOBILITY: HORIZON-CL5-2026-10: 4. 6. 2026. - 8. 10. 2026.

Call - ENERGY: HORIZON-CL5-2026-11: 4. 8. 2025. - 1. 12. 2026.

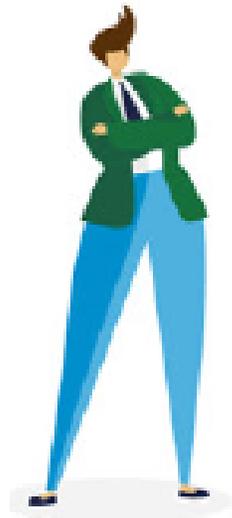
Call - CLIMATE: HORIZON-CL5-2027-01: 17. 11. 2026. - 4. 3. 2027.

Call - BATTERIES and ENERGY: HORIZON-CL5-2027-02: 3. 12. 2026. – 31. 3. 2027.

Call - MOBILITY: HORIZON-CL5-2027-03: 15. 12. 2026. – 14. 4. 2027.

## Ciljane skupine:

- Industrija i energetski sektor
- Istraživačke i tehnološke organizacije
- Krajnji korisnici
- Tržišni i industrijski lanci



**Aktivnosti istraživanja i inovacija (Research and Innovation Activities – RIA):** finansijski doprinos 100 %

**Konzorcij** sastavljen od barem tri pravna subjekta. Svaki subjekt mora biti osnovan u državi članici EU-a ili pridruženoj državi (jedan pravni subjekt mora biti iz EU države članice, a druga dva mogu biti iz države članice EU ili pridružene zemlje). **Aktivnosti:** usmjerene stvaranju novog znanja i / ili istražuju primjenjivost nove ili poboljšane tehnologije, proizvoda, procesa, usluga ili rješenja (osnovna i primijenjena istraživanja, razvoj tehnologije i integracija, testiranje i validiranje prototipova na malom uzorku te u laboratorijskim uvjetima)

**Inovacijske aktivnosti (Innovation Actions – IA):** finansijski doprinos 70 % (100 % za neprofitne pravne subjekte)

**Konzorcij** sastavljen od barem tri pravna subjekta. Svaki subjekt mora biti osnovan u državi članici EU-a ili pridruženoj državi (jedan pravni subjekt mora biti iz EU države članice, a druga dva mogu biti iz države članice EU ili pridružene zemlje). **Aktivnosti:** usmjerene izradi planova i postupaka i / ili dizajniranja novih, izmijenjenih ili unaprijeđenih proizvoda, procesa i usluga (prototipovi, testiranja, demonstracije, izrada pilota, validacija proizvoda na velikom uzorku, tržišna replikacija)

**Aktivnosti koordinacije i potpore (Coordinating and Support Activities – CSA):** finansijski doprinos 100 %

**Minimalni uvjet za sudjelovanje** jest jedan pravni subjekt osnovan u državi članici ili pridruženoj državi. **Aktivnosti:** primarno prateće mjere i komplementarne aktivnosti (standardizacija, koordinacija i potpora, policy dijalog, uzajamno učenje, studijske posjete)



## Destinacija 1: *Climate sciences and responses for the transformation towards climate neutrality* (Klimatske znanosti i odgovori za transformaciju prema klimatskoj neutralnosti)

**Očekivani učinak destinacije:** Zatvaranje velikih praznina u znanju o promjenama klime te njihovim povezanim učincima i rizicima za društvo i za prirodu te razvoj alata koji će donositeljima odluka omogućiti osmišljavanje i provedbu učinkovitih mjera ublažavanja i prilagodbe klimatskim promjenama.

### Aktivnosti koje će se financirati:

- Razvoj sljedeće generacije klimatskih podataka, modela i analiza
- Procjena klimatskih rizika i ranjivosti u Europi
- Analiza gospodarskih učinaka klimatskih promjena i troškova nečinjenja
- Suzbijanje dezinformacija i jačanje komunikacije o klimi
- Poboljšanje klimatskih i vremenskih modela za Afriku te popunjavanje praznina u znanju o Zemljinom sustavu

Topic/tema  Destinacija 1	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-07-D1-01: Next generation climate monitoring and related capabilities	RIA	AROUND 5.00	3
HORIZON-CL5-2026-07-D1-02: Advancing European climate risk assessments	RIA	4.00 – 5.00	3
HORIZON-CL5-2026-07-D1-03: Economics of climate change and cost of inaction	RIA	4.00 – 5.00	4
HORIZON-CL5-2026-07-D1-04: Fighting disinformation and effectively communicating on climate change	RIA	4.00 – 5.00	3
HORIZON-CL5-2026-07-D1-05: Improving climate and weather models for Africa	RIA	AROUND 7.00	3
HORIZON-CL5-2026-08-Two-Stage-D1-06: Closing knowledge gaps on Earth system science in support of global and regional assessments and climate policy	RIA	5.00 – 9.00	7

Topic/tema	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
<b>Destinacija 1</b>			
HORIZON-CL5-2027-01-D1-07: Advancing understanding, modelling and prediction of extreme events in a changing climate	RIA	AROUND 6	3
HORIZON-CL5-2027-01-D1-08: Palaeoclimate science for a better understanding of Earth system dynamics	RIA	AROUND 7	2
HORIZON-CL5-2027-01-D1-09: Assessing the performance of policy instruments to inform climate change mitigation action	RIA	AROUND 3	3
HORIZON-CL5-2027-01-D1-10: Understanding and avoiding maladaptation to climate change	RIA2	5.00 - 6.00	3
HORIZON-CL5-2027-01-D1-11: Africa-EU CO-FUND action on climate	Programme Co-fund Action	AROUND 15	1
HORIZON-CL5-2027-01-D1-12: Better understanding and attribution of land and ocean carbon sources and sinks	RIA	AROUND 5	5
HORIZON-CL5-2027-01-D1-13: Next generation scenarios for informing climate and sustainability transitions	RIA	AROUND 4	6

## Destinacija 2: *Cross-sectoral solutions for the climate transition* (Međusektorska rješenja za klimatsku tranziciju)

**Očekivani učinak destinacije:** Doprinos olakšavanju čiste i održive tranzicije energetske i prometnog sektora prema klimatskoj neutralnosti kroz međusektorska rješenja.

### Aktivnosti koje će se financirati:

- Razvoj održivih i kružnih procesa za proizvodnju materijala za baterije
- Unaprjeđenje izravnog recikliranja baterija
- Integrirana proizvodnja i razvoj proizvoda za baterije sljedeće generacije
- Jačanje strateške autonomije i konkurentnosti europske industrije baterija

## Destinacija 2: Područje *Batteries*

Topic/tema	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-09-D2-01: Producing battery-grade materials for electrodes through sustainable processing and refining of raw materials or developing bio-based materials (BATT4EU Partnership)	RIA	7.16	4
HORIZON-CL5-2026-03-D2-02: Development of direct recycling processes (BATT4EU Partnership)	RIA	4.77	3
HORIZON-CL5-2026-10-D2-03: Integrated Production and Product Development for Next-Generation Lithium-based Batteries for Mobility (BATT4EU and Made in Europe Partnerships)	IA	AROUND 33.63	3
HORIZON-CL5-2026-09-D2-04: Coordinated topic with India on recycling of EV batteries	IA	AROUND 9.55	1
HORIZON-CL5-2027-02-D2-05: Improvement of Adaptability, Flexibility and Efficiency of Existing Recycling Processes (BATT4EU Partnership)	IA	Around 9.40	2
HORIZON-CL5-2027-02-D2-06: Sustainable and Competitive Cell Production Techniques for Lithium-ion And Sodium-ion Batteries (BATT4EU Partnership)	IA	Around 18.90	2
HORIZON-CL5-2027-04-Two-Stage-D2-07: Novel approaches towards next-generation battery concepts, leveraging the enabling role of innovative advanced materials (BATT4EU and IAM4EU Partnerships)	RIA	Around 4.80	10
HORIZON-CL5-2027-05-D2-08: Demonstration for Long-duration Battery Energy Storage Systems (BATT4EU Partnership)	IA	Around 9.40	2

## Destinacija 3: *Sustainable, secure and competitive energy supply* (Održiva, sigurna i konkurentna opskrba energijom)

**Očekivani učinak destinacije:** Doprinos osiguravanju održivije, sigurnije i konkurentnije opskrbe energijom kroz rješenja za pametne energetske sustave temeljene na obnovljivim izvorima energije.

### Aktivnosti koje će se financirati:

- Razvoj i demonstracija tehnologija za obnovljive izvore energije i njihove vrijednosne lance
- Integracija naprednih sustava skladištenja i upravljanja energijom
- Digitalizacija i primjena umjetne inteligencije u energetici
- Razvoj i testiranje novih materijala i komponenti za energetske tehnologije
- Socio-ekonomska i regulatorna priprema za implementaciju i tržišnu primjenu

Topic/tema <b>Destinacija 3: Područje <i>Global leadership in renewable energy</i></b>	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-03-D3-01: Targeting key value chain components for increasing the competitiveness of renewable energy technologies in Europe	RIA	AROUND 3.00	3
HORIZON-CL5-2026-04-Two-Stage-D3-02: Next generation of renewable energy technologies	RIA	AROUND 4.00	6
HORIZON-CL5-2026-03-D3-03: Innovative technologies and solutions to improve wind energy systems supporting the Strategic Energy Technology (SET) Plan on wind	IA	AROUND 93.00	1
HORIZON-CL5-2026-11-D3-04: De-risking renewable fuel technologies through transnational pre-commercial procurement of renewable fuel industrial value chains	PCP	AROUND 40.00	1
HORIZON-CL5-2026-11-D3-05: Demonstration of solid biofuel supply and conversion to high efficiency CHP from fully sustainable regional value chains	IA	AROUND 6.75	2
HORIZON-CL5-2026-11-D3-06: Resource assessment for deep sedimentary and basement reservoirs	RIA	AROUND 4.50	4
HORIZON-CL5-2027-02-D3-07: Concentrated solar thermal systems for decarbonising industrial processes	IA	Around 6.00	2
HORIZON-CL5-2027-02-D3-08: Co-funding Strategic Energy Technology (SET) Plan renewable fuel value chains at EU, national, regional, and local level	COFUND	Around 30.00	1
HORIZON-CL5-2027-02-D3-09: Innovative technologies and solutions to improve wave and tidal energy systems	IA	Around 43.00	1

Topic/tema <b>Destinacija 3: Područje <i>Global leadership in renewable energy</i></b>	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2027-02-D3-10: Renewable Energy Valleys in Africa to increase energy security and energy access in Africa	IA	Around 4.50	2
HORIZON-CL5-2027-07-D3-11: Demonstration of hydropower technologies for efficient and forward-looking refurbishment of existing hydropower plants	IA	Around 8.50	2
HORIZON-CL5-2026-03-D3-12: Long-lifetime and optimised use of materials in recyclable Ag and In-free Si PV modules (EUPI-PV Partnership)	RIA	Around 5.00	3
HORIZON-CL5-2026-03-D3-13: Industrial scale up and circularity pathway for IPV technologies (EUPI-PV Partnership)	IA	Around 10.50	3
HORIZON-CL5-2026-11-D3-14: Improved system design for innovative PV applications (EUPI-PV Partnership)	RIA	AROUND 5.00	3
HORIZON-CL5-2027-02-D3-15: Production technologies for solar photovoltaics beyond the state-of-the-art (EUPI-PV Partnership)	IA	Around 12.00	3
HORIZON-CL5-2027-03-D3-16: Industrial processes and equipment for innovative, reliable and scalable tandem technologies (EUPI-PV Partnership)	IA	AROUND 10.50	3
HORIZON-CL5-2027-07-D3-17: PV based electrification of the economy: Designing & optimising PV systems supporting industrial electrification and promoting participation in electricity markets (EUPI-PV Partnership)	IA	AROUND 7.50	4

Topic/tema <b>Destinacija 3: Područje <i>Energy systems, grids &amp; storage</i></b>	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-03-D3-18: Grid-forming capabilities for more resilient and RES-based electricity grids	IA	Around 10.00	2
HORIZON-CL5-2026-03-D3-19: Affordable and sustainable primary equipment for Future-Ready multi-terminal HVDC Systems	IA	AROUND 4.00	3
HORIZON-CL5-2026-03-D3-20: Hybrid AI-Control Framework for a next-generation grid-scale energy storage and system integration	IA	AROUND 7.00	2
HORIZON-CL5-2026-03-D3-21: Novel solutions for off-grid storage of renewable energy for critical infrastructures	RIA	AROUND 4.00	3
HORIZON-CL5-2026-03-D3-22: AI-driven forecasting algorithms for Grid and Consumer friendly Energy Sharing – Societal Readiness pilot	IA	AROUND 6.00	2
HORIZON-CL5-2026-11-D3-23: Data sharing to support the training and development of AI foundation models in the energy sector	IA	AROUND 10.00	3
HORIZON-CL5-2027-02-D3-24: Large scale operational validation and upscaling of state-of-the-art (Generative) AI tools and models powering a next generation digital energy system	IA	Around 10.00	2
HORIZON-CL5-2027-07-D3-25: Advanced TSO control rooms to enhance grid observability, stability and resilience	IA	Around 9.50	3
HORIZON-CL5-2027-07-D3-26: Advanced Distribution Management Systems (ADSM) for more efficient and flexible distribution grids	IA	Around 9.50	3
HORIZON-CL5-2027-07-D3-27: Integrated Approaches for Retrofitting Infrastructures with Innovative Energy Storage Technologies	IA	Around 7.50	3
HORIZON-CL5-2027-07-D3-28: Community of practice - Data-Driven Decision-Making in Energy	CSA	Around 6.00	1

Topic/tema <b>Destinacija 3: Područje Carbon Capture, Utilisation and Storage (CCUS)</b>	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-03-D3-29: Pre-commercial appraisal for CO2 aquifer storage	IA	AROUND 5.00	5
HORIZON-CL5-2027-02-D3-30: Advancements in Direct Air Capture	IA	AROUND 8	2
HORIZON-CL5-2027-02-D3-31: Support to the implementation of an EU policy framework for CO2 transport and storage infrastructure	CSA	Around 5.00	1
HORIZON-CL5-2027-07-D3-32: Delivery of industrial CCUS clusters – Societal Readiness pilot	IA	AROUND 10	3

## Destinacija 4: *Efficient, sustainable and inclusive energy use* (Učinkovito, održivo i uključivo korištenje energije )

**Očekivani učinak destinacije:** Doprinos učinkovitijoj, pristupačnijoj i održivijoj uporabi energije u zgradama i industriji.

### Aktivnosti koje će se financirati:

- Istraživanje i analiza tehničkih, društvenih i ekonomskih čimbenika
- Razvoj i demonstracija inovativnih rješenja za zgrade i industrijske procese
- Digitalizacija, interoperabilnost i životni ciklus podataka
- Prijenos znanja, smjernice i standardizacija

Topic/tema <b>Destinacija 4: Područje <i>Highly energy-efficient and climate neutral European building stock</i></b>	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-09-D4-01: Researching the technical, social & economic factors impacting the energy performance of Smart Buildings (Built4People Partnership)	RIA	AROUND 5.25	3
HORIZON-CL5-2026-09-D4-02: Low disturbance prefabrication approaches for deep renovation of multi-storey buildings (Built4People Partnership)	IA	AROUND 7.00	4
HORIZON-CL5-2026-09-D4-03: Advanced data platforms to integrate whole life carbon in building information tools, assessments, and certification (Built4People Partnership)	IA	AROUND 5.25	3
HORIZON-CL5-2026-09-D4-04: Validating policies and business models for affordable and sustainable housing (Built4People Partnership)	RIA	AROUND 5.00	3
HORIZON-CL5-2027-05-D4-05: On-site robotic and automated techniques for building renovation and new construction	IA	Around 6.75	3
HORIZON-CL5-2027-05-D4-06: Thermal energy optimisation and waste heat recovery of high energy demand IT rooms in buildings or small edge data centres	IA	Around 5.25	3
HORIZON-CL5-2027-05-D4-07: Integrating circularity in LCA-based modelling frameworks for renovation of buildings (Built4People Partnership)	IA	Around 6.75	4

Topic/tema  <b>Destinacija: Područje <i>Industry</i></b>	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-09-D4-08: Full-scale demonstration of heat upgrade solutions in industrial processes	IA	AROUND 9.00	2
HORIZON-CL5-2027-05-D4-09: Demonstration of industrial excess/waste heat conversion to mechanical or electrical power	IA	Around 6.75	2

## **Destinacija 5: *Clean and competitive solutions for all transport modes*** **(Čista i konkurentna rješenja za sve prijevozne sustave)**

**Očekivani učinak destinacije:** Doprinos postizanju održivih i konkurentnih prometnih sustava.

### **Aktivnosti koje će se financirati:**

- **Razvoj i demonstracija električnih i energetski učinkovitih vozila te brodskih i zrakoplovnih rješenja**
- **Digitalizacija, AI i integracija pametnih tehnologija**
- **Sigurnost, regulativa i obuka**
- **Ekonomija, poslovni modeli i održivost**

Topic/tema <b>Destinacija 5: Područje <i>Zero-emission road transport</i></b>	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-05-D5-01: Large-scale demonstration of Heavy-Duty Battery Electric Vehicles (HD BEV) towards long-haul logistics operations (2ZERO Partnership)	IA	AROUND 34.00	2
HORIZON-CL5-2026-05-D5-02: Energy-efficient software-defined EVs (2ZERO Partnership)	IA	AROUND 16.00	1
HORIZON-CL5-2027-03-D5-03: Data-driven circular economy for e-mobility ecosystem (2ZERO Partnership)	IA	5.00 to 7.00	4
HORIZON-CL5-2027-03-D5-04: Demonstration of zero emission coaches and buses in long distance operations (2ZERO Partnership)	IA	Around 13.50	1
HORIZON-CL5-2027-03-D5-05: Higher Voltage, Megawatt Charging System compatible, modular powertrain for Heavy Duty Vehicles (HDV) (2ZERO Partnership)	IA	Around 8.00	2
HORIZON-CL5-2027-03-D5-06: Fire prevention and mitigation for EVs in confined areas (2ZERO Partnership)	IA	Around 8.00	1

**Destinacija 5: Područje *Waterborne transport***

Topic/tema	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-06-Two-Stage-D5-10: Disruptive Technologies and Innovative Concepts for Energy Saving Onboard of long-distance ships (ZEWT Partnership)	RIA	AROUND 5.00	3
HORIZON-CL5-2026-05-D5-11: Ports of the future (ZEWT Partnership)	IA	AROUND 10.50	2
HORIZON-CL5-2026-05-D5-12: Shipyards of the future (ZEWT Partnership)	IA	AROUND 10.50	2
HORIZON-CL5-2026-05-D5-13: Safety of renewable low and zero-carbon waterborne fuels in port areas: risk assessment, regulatory framework, and guidelines for safe bunkering, handling and storage (ZEWT partnership)	CSA	AROUND 2.00	1
HORIZON-CL5-2027-03-D5-14: Onboard renewable energy solutions and energy saving measures to reduce the fuel consumption of ships by at least 55% (ZEWT Partnership)	IA	Around 6.50	1
HORIZON-CL5-2027-03-D5-15: Prospective evaluation of nuclear power potential for shipping (ZEWT Partnership)	CSA	Around 2.00	1
HORIZON-CL5-2027-03-D5-16: Autonomous vessels in short sea shipping and inland waterways	IA	Around 7.50	2
HORIZON-CL5-2027-03-D5-17: Innovative Solutions for mitigating the environmental impact of waterborne transport in marine and aquatic Ecosystems (ZEWT Partnership)	RIA	Around 7.00	2
HORIZON-CL5-2027-03-D5-18: Enhanced electric operation and battery durability (ZEWT Partnership)	IA	Around 10.00	2

Topic/tema <b>Destinacija 5: Područje Aviation</b>	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-05-D5-07: AI-assisted digital aircraft design, manufacturing and MRO, towards a competitive aviation	RIA	AROUND 5.00	2
HORIZON-CL5-2027-03-D5-08: Sustainable aircraft circular design and additive manufacturing, towards a climate neutral aviation	RIA	Around 2.50	2
HORIZON-CL5-2027-04-Two-Stage-D5-09: Noise reduction breakthroughs for new ultraefficient aircraft	RIA	Around 2.50	2

Topic/tema <b>Destinacija 5: Područje Transport-related health and environment</b>	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-06-Two-Stage-D5-19: Non-exhaust emissions in road and railway transport	RIA	3.50 – 4.00	2
HORIZON-CL5-2027-03-D5-20: Assessing the effect of airport operations on air quality and noise in nearby communities	RIA	Around 3.50	2

## Destinacija 6: *Safe, Resilient Transport and Smart Mobility services for passengers and goods* (Usluge sigurnog i otpornog prijevoza te pametne mobilnosti za putnike i robu)

**Očekivani učinak destinacije:** Doprinos multimodalnim sustavima i uslugama za klimatski neutralnu, pametnu i sigurnu mobilnost.

### Aktivnosti koje će se financirati:

- Velike demonstracije povezanih, kooperativnih i automatiziranih sustava mobilnosti (CCAM)
- Razvoj umjetne inteligencije i inovativnih pristupa za sigurniji i pametniji CCAM
- Jačanje otpornosti i konkurentnosti europskog teretnog i putničkog prometa
- Podrška održivoj i pametnoj urbanoj mobilnosti
- Povećanje sigurnosti i otpornosti cestovne mreže, osobito u ruralnim područjima

Topic/tema <b>Destinacija 6: Područje <i>Connected, Cooperative and Automated Mobility (CCAM)</i></b>	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-10-D6-01: Flagship-pilot: large-scale demonstrations of CCAM (CCAM Partnership)	IA	AROUND 100.00	1
HORIZON-CL5-2026-10-D6-02: Geopolitical competition and socioeconomic resilience in CCAM: an innovation and policy roadmap for EU leadership (CCAM Partnership)	RIA	AROUND 4.00	1
HORIZON-CL5-2026-10-D6-03: Generative AI for smarter CCAM: enhancing perception, decision-making, and validation (CCAM Partnership)	RIA	AROUND 7.00	2
HORIZON-CL5-2027-06-D6-04: Holistic solutions for CCAM integration in critical scenarios (CCAM Partnership)	RIA	Around 5.50	1
HORIZON-CL5-2027-06-D6-05: European CCAM knowledge hub and tools for safe and scalable deployment (CCAM Partnership)	CSA	Around 4.00	1

Topic/tema <b>Destinacija 6: Područje <i>Multimodal transport, infrastructure and logistics</i></b>	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-10-D6-06: Increasing competitiveness and resilience of multimodal freight transport and logistics for competitive supply chains	IA	AROUND 7.00	3
HORIZON-CL5-2026-10-D6-07: Supporting sustainable and smart urban mobility in Europe (CIVITAS)	CSA	AROUND 4.00	1
HORIZON-CL5-2027-06-D6-08: Enhancing Mobility for All: affordable, reliable, and accessible multimodal transport for inclusive rural and urban connectivity – Societal Readiness pilot	IA	Around 7.00	3

Topic/tema <b>Destinacija 6: Područje <i>Safety and resilience</i></b>	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2026-10-D6-09: Road Safety and resilience of rural areas	IA	AROUND 6.00	2
HORIZON-CL5-2026-10-D6-10: Enhanced resilience in multimodal passenger transport through digital technologies and generative and discriminative AI	IA	AROUND 5.00	2
HORIZON-CL5-2027-06-D6-11: Enhancing Resilience and Accuracy in Positioning, Navigation, and Timing (PNT) Systems and e-conspicuity solutions	IA	AROUND 5.00	1

Topic/tema <b>Destinacija 6: Područje <i>Cross-cutting issues</i></b>	Vrsta aktivnosti	Očekivano financiranje po projektu (MIL. EUR.)	Broj projekata
HORIZON-CL5-2027-06-D6-12: Support for dissemination events in the field of Transport Research	CSA	Around 1.60	1

## Pet koraka do uspjeha:

### Razumjeti temu.

Pažljivo proučite ciljeve, očekivane ishode i uvjete poziva kako biste osigurali da vaš prijedlog u potpunosti odgovara njegovim prioritetima.

### Plan rada i tim.

Definirajte logičan, izvediv plan aktivnosti i pokažite da vaš tim ima stručnost i kapacitete potrebne za uspješnu provedbu.

### Biti **ambiciozni, ali realni.**

Postavite ciljeve koji pokazuju inovativnost i značajan učinak, ali koji su ostvarivi u okviru projekta i dostupnih resursa.

### Ishodi i učinci.

Jasno prikažite što će vaš projekt proizvesti (ishode) i kakav će dugoročni utjecaj imati na društvo, gospodarstvo ili okoliš.

### Jednostavno i jasno.

Neka prijedlog bude lako razumljiv i strukturiran – evaluatori trebaju brzo shvatiti što predlažete, zašto je to važno i kako ćete to postići.



## Izvori Europske komisije i mreža nacionalnih osoba za kontakt:

- [Cluster 5: Climate, Energy and Mobility](#)
- [Horizon Europe](#)
- [GREENET](#) – mrežni projekt nacionalnih osoba za kontakt klastera 5
- [Horizon Europe info day – Cluster 5 Climate, Energy and Mobility – calls 2026.](#), 15. 1. 2026. (virtualno)

## Nacionalni portal i YouTube kanal:

- [Obzor Europa Hrvatska](#) – YouTube kanal
- [Portal: Ciklus nacionalnih informativnih webinarâ o programu Obzor Europa 2025. – najave i materijali](#)
- [YouTube: Webinar Uvod u program Obzor Europa](#)
- [YouTube: Nacionalni webinar Klaster 5: Klima, energija i mobilnost](#)
- [Portal: Ciklus webinarâ i informativnih dana programa Obzor Europa – Predstavljanje poziva u 2026. godini](#)
- [YouTube: Nacionalni webinar: Klaster 5 – Klima, energija i mobilnost: Predstavljanje poziva u 2026. godini](#)

## Mjere potpore za hrvatske korisnike:

- [Mjere za jačanje nacionalnog sudjelovanja u programima EU - financijska potpora Ministarstva znanosti, obrazovanja i mladih hrvatskim prijaviteljima](#)
- [WIDENING MJERE:](#)
- [Financijska potpora za sudjelovanje na odabranim susretima umrežavanja \(brokerage events\) u okviru programa Obzor Europa](#)
- [Poziv za pretpregled projektnih prijedloga](#)
- [Poziv hrvatskim stručnjacima da se uključe kao eksperti za pretpreglede projektnih prijedloga](#)

# Hvala na pažnji!

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