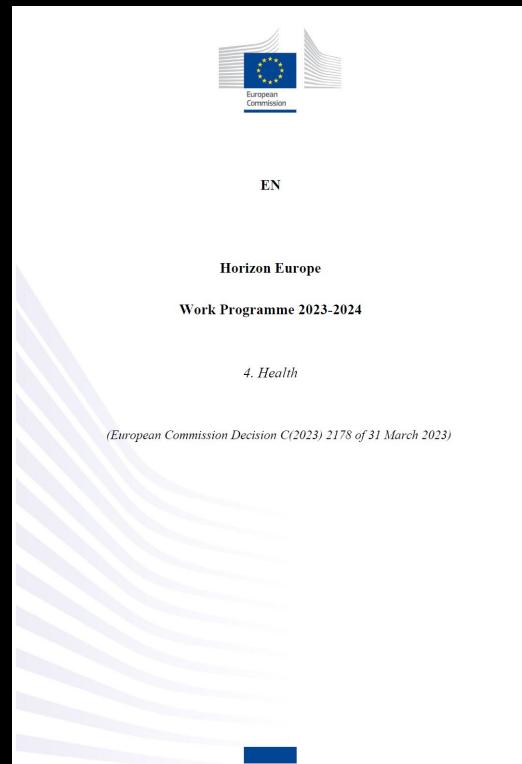


Predstavitev Delovnega programa

Grozda 1 – Zdravje 2023–24

11. IX. 2023

Sergej Pirkmajer
Inštitut za patološko fiziologijo
Medicinska fakulteta
Univerza v Ljubljani



Horizon Europe - Work Programme 2023-2024
Health

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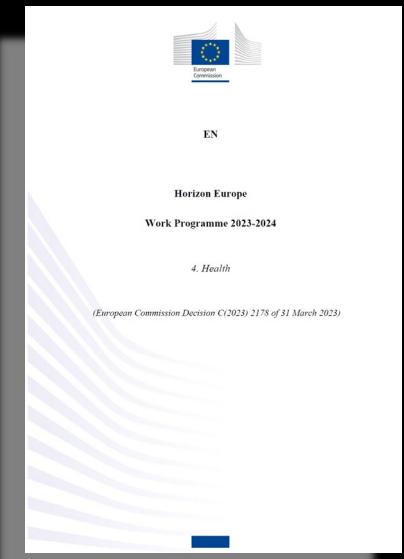
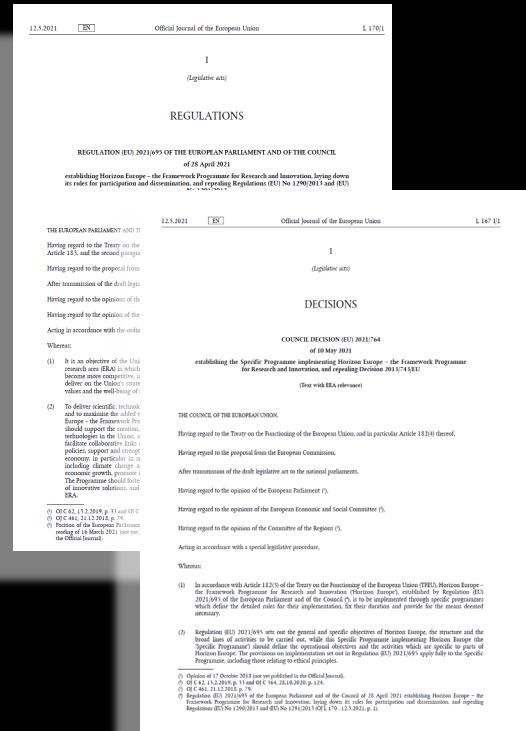
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Umetitev delovnega programa grozda Zdravje

zakonodaja

strateški načrt

delovni program



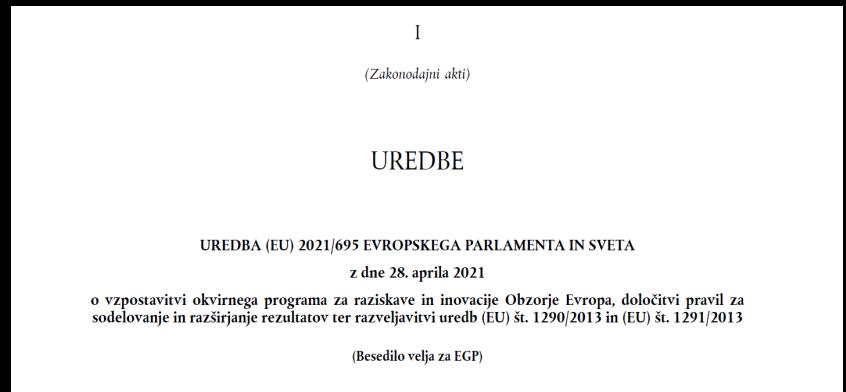
Uredba (EU) 2021/695 Evropskega parlamenta in Sveta

Struktura programa Obzorja Evropa

Sklop „Zdravje“ – Steber II „Globalni izzivi in evropska industrijska konkurenčnost“

Področja ukrepanja:

- Zdravje v celotnem življenjskem obdobju
- Determinante okoljskega in družbenega zdravja
- Nenalezljive in redke bolezni
- Nalezljive bolezni vključno z boleznimi, povezanimi z revščino, in zapostavljenimi boleznimi
- Orodja, tehnologije in digitalne rešitve za zdravje in oskrbo, vključno s personalizirano medicino
- Sistemi zdravstvenega varstva



UREDBA (EU) 2021/695 EVROPSKEGA PARLAMENTA IN SVETA z dne 28. aprila 2021 o vzpostavljitvi okvirnega programa za raziskave in inovacije Obzorje Evropa, določitvi pravil za sodelovanje in razširjanje rezultatov ter razveljavitvi uredb (EU) št. 1290/2013 in (EU) št. 1291/2013

Sklep Sveta (EU) 2021/764

Utemeljitev sklopa Zdravje

„V okviru evropskega stebra socialnih pravic Unije je zapisano, da ima vsakdo pravico do pravočasnega, cenovno dostopnega, varnega in kakovostnega preventivnega in kurativnega zdravstvenega varstva.“ [...]



„Glavni izzivi na področju zdravja v Uniji so:
[...]

antimikrobične (*sic*) odpornosti in pojav
epidemij nalezljivih bolezni;

[...]

Poleg tega se lahko zaradi nezaupanja v
cepljenje zmanjša stopnja imunizacije pri
nekaterih skupinah prebivalstva.“



SKLEP SVETA (EU) 2021/764 z dne 10. maja 2021 o vzpostavitvi Posebnega programa za izvajanje okvirnega programa za raziskave in inovacije Obzorje Evropa ter razveljavitvi Sklepa 2013/743/EU

Sklep Sveta (EU) 2021/764

Opis področij ukrepanja

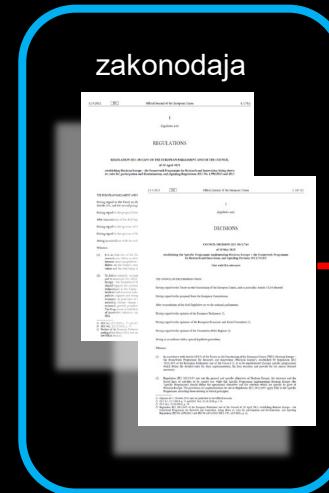
- Zdravje v celotnem življenjskem obdobju
- Determinante okoljskega in družbenega zdravja
- Nenalezljive in redke bolezni
- **Nalezljive bolezni** —
 - Vključno z boleznimi, povezanimi z revščino, in zapostavljenimi boleznimi
 - Orodja, tehnologije in digitalne rešitve za zdravje in oskrbo, vključno s personalizirano medicino
 - Sistemi zdravstvenega varstva.

Splošne smernice:

[...]

— dejavniki za pojav ali ponovni pojav nalezljivih bolezni in njihovega širjenja, vključno s prenosom z živali na ljudi (zoonoza) ali drugih delov okolja (voda, tla, rastline, živila) na ljudi, ter vpliv podnebnih sprememb in evolucije ekosistemov na dinamiko nalezljivih bolezni,

[...]



strateški
načrt



delovni
program



Strateški načrt: strateške usmeritve

Strateške usmeritve (KSO):

- A. Spodbujanje odprte strateške avtonomije s prevzemom vodilne vloge pri razvoju ključnih digitalnih, omogočitvenih in nastajajočih tehnologij, sektorjev in vrednostnih verig
- B. Obnova evropskih ekosistemov in biotske raznovrstnosti ter trajnostno upravljanje naravnih virov
- C. Preoblikovanje Evrope v prvo digitalno podprtto krožno, podnebno nevtralno in trajnostno gospodarstvo
- D. Oblikovanje odpornejše, bolj vključujoče in bolj demokratične evropske družbe



KSO: Key Strategic Orientations

Strateški načrt: strateške usmeritve

Strateške usmeritve (KSO):

- A. Spodbujanje odprte strateške avtonomije s prevzemom vodilne vloge pri razvoju ključnih digitalnih, omogočitvenih in nastajajočih tehnologij, sektorjev in vrednostnih verig
- B. Obnova evropskih ekosistemov in biotske raznovrstnosti ter trajnostno upravljanje naravnih virov
- C. Preoblikovanje Evrope v prvo digitalno podprtto krožno, podnebno nevtralno in trajnostno gospodarstvo
- D. Oblikovanje odpornejše, bolj vključujoče in bolj demokratične evropske družbe



KSO: Key Strategic Orientations

Strateški načrt: strateške usmeritve

D. Oblikovanje odpornejše, bolj vključujoče in bolj demokratične evropske družbe



[...] prepared and responsive to threats and disasters, addressing inequalities and providing high-quality health care, and empowering all citizens to act in the green and digital transitions.

[...]
As the COVID-19 pandemic has shown, research and innovation are crucial for improving our understanding of the risks and developing innovative responses.

[...]
CLUSTER 1 (Health) will contribute to promoting and protecting human health and well-being, preventing communicable and non-communicable diseases and decreasing the burden of diseases and disabilities on people and communities

[...]

Strateški načrt: pričakovani učinki grozda

Zdravje

Pričakovani učinki:

1. Ohranjanje zdravja v hitro spremenljajoči se družbi
2. Življenje in delo v okolju, ki spodbuja zdravje
3. Spoprijemanje z boleznimi in zmanjševanje bremena bolezni
4. Zagotavljanje dostopa do inovativne, trajnostne in visoko kakovostne zdravstvene oskrbe
5. Sproščanje polnega potenciala novih orodij, tehnologij in digitalnih rešitev za zdravo družbo
6. Vzdrževanje inovativne, trajnostne in globalno konkurenčne z zdravjem povezane industrije

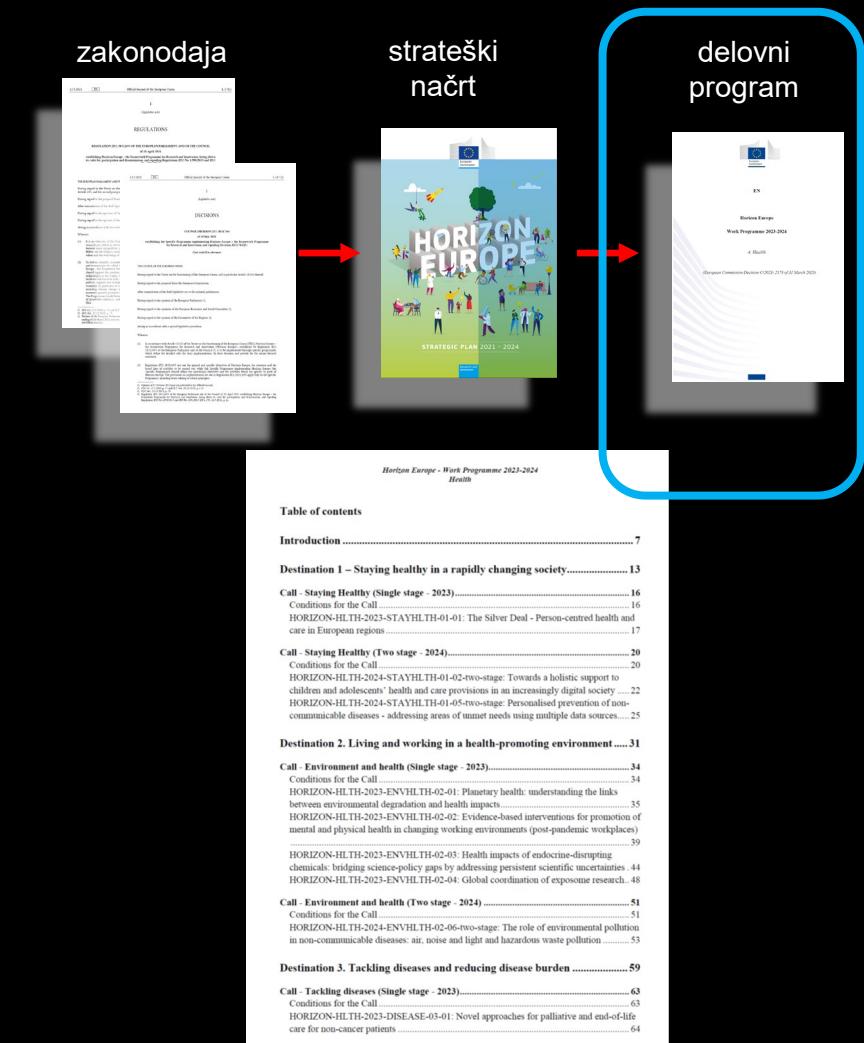
Strateške usmeritve:

- D. Oblikovanje odpornejše, bolj vključujoče in bolj demokratične evropske družbe
- A. Spodbujanje odprte strateške avtonomije s prevzemom vodilne vloge pri razvoju ključnih digitalnih, omogočitvenih in nastajajočih tehnologij, sektorjev in vrednostnih verig

Pričakovani učinki – destinacije v delovnem programu grozda Zdravje

Destinacije 1–6

1. Ohranjanje zdravja v hitro spremenjajoči se družbi
2. Življenje in delo v okolju, ki spodbuja zdravje
3. Spoprijemanje z boleznimi in zmanjševanja bremena bolezni
4. Zagotavljanje dostopa do inovativne, trajnostne in visoko kakovostne zdravstvene oskrbe
5. Sproščanje polnega potenciala novih orodij, tehnologij in digitalnih rešitev za zdravo družbo
6. Vzdrževanje inovativne, trajnostne in globalno konkurenčne z zdravjem povezane industrije



Destinacije

1. Ohranjanje zdravja v hitro spreminjači se družbi

2. Življenje in delo v okolju, ki spodbuja zdravje

3. Spoprijemanje z boleznimi in zmanjševanja
bremena bolezni

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KSO D: Oblikovanje odpornejše, bolj vključujoče in bolj demokratične evropske družbe

Pričakovani učinki – destinacije

1. Ohranjanje zdravja v hitro spremenljajoči se družbi

2. Življenje in delo v okolju, ki spodbuja zdravje

3. Spoprijemanje z boleznimi in zmanjševanja bremena bolezni

4. Zagotavljanje dostopa do inovativne, trajnostne in visoko kakovostne zdravstvene oskrbe

5. Sproščanje polnega potenciala novih orodij, tehnologij in digitalnih rešitev za zdravo družbo

6. Vzdrževanje inovativne, trajnostne in globalno konkurenčne z zdravjem povezane industrije

Področja ukrepanja

- Zdravje v celotnem življenjskem obdobju
- Determinante okoljskega in družbenega zdravja

- Determinante okoljskega in družbenega zdravja
- Zdravje v celotnem življenjskem obdobju

- Nenalezljive in redke bolezni
- Nalezljive bolezni, vključno z boleznimi, povezanimi z revščino, in zapostavljenimi boleznimi

- Sistemi zdravstvenega varstva

- Orodja, tehnologije in digitalne rešitve za zdravje in oskrbo, vključno s personalizirano medicino

- Orodja, tehnologije in digitalne rešitve za zdravje in oskrbo, vključno s personalizirano medicino
- Sistemi zdravstvenega varstva

KSO A: Spodbujanje odprte strateške avtonomije s prevzemom vodilne vloge pri razvoju ključnih digitalnih, omogočitvenih in nastajajočih tehnologij, sektorjev in vrednostnih verig

Destinacija 3:

Spoprijemanje z boleznimi in zmanjševanja bremena bolezni

Destination 3. Tackling diseases and reducing disease burden 59

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Maintaining the European partnership for pandemic preparedness 106

HORIZON-HLTH-2024-DISEASE-08-20: Pandemic preparedness and response: Host-pathogen interactions of infectious diseases with epidemic potential..... 108

Proposals should follow innovative approaches to characterise host-pathogen interactions with a view to inhibit viral replication, viral proteases, viral exit strategies and to develop therapeutic antibodies and vaccines that target viruses with high epidemic or pandemic potential for the EU. Proposals should focus on the following viruses: Hendra and Nipah virus, Lassa virus, Crimean Congo haemorrhagic fever virus, Rift Valley fever virus, Ebola and Marburg virus, Dengue virus, Yellow Fever virus, Zika virus, West Nile fever virus and Chikungunya virus. Proposal should take into account sex and gender aspects.

Destinacija 2:

Življenje in delo v okolju, ki spodbuja zdravje

Destination 2. Living and working in a health-promoting environment 31

Call - Environment and health (Single stage - 2023)..... 34

Conditions for the Call 34

HORIZON-HLTH-2023-ENVHLTH-02-01: Planetary health: understanding the links between environmental degradation and health impacts..... 35

HORIZON-HLTH-2023-ENVHLTH-02-02: Evidence-based interventions for promotion of

To advance the knowledge on planetary health to support policymaking in this area, the applicants should address several of the following activities:

[...] Lay the foundations for integrated surveillance systems considering already established monitoring systems (e.g. systematic wastewater monitoring) and using available and newly collected health, socioeconomic, and environmental data for defined populations over longer time periods. This would provide early detection of emerging disease outbreaks (e.g. zoonotic diseases, potential permafrost release of new and old pathogens) or changes in nutrition and non-communicable disease burden and support the assessment of the integrated health, environmental, and socioeconomic effect of policies and technologies.

Destinacija 2:

Življenje in delo v okolju, ki spodbuja zdravje

Destination 2. Living and working in a health-promoting environment 31

Call - Environment and health (Single stage - 2023)..... 34

Conditions for the Call 34

HORIZON-HLTH-2023-ENVHLTH-02-01: Planetary health: understanding the links between environmental degradation and health impacts..... 35

HORIZON-HLTH-2023-ENVHLTH-02-02: Evidence-based interventions for promotion of

To advance the knowledge on planetary health to support policymaking in this area, the applicants should address several of the following activities:

[...] (for biodiversity loss, proposals **should not** focus on the connection between the biodiversity loss and ecosystem degradation with the prevention of zoonotic emerging diseases since this topic will be covered by CL6-2023-BIODIV: Interlinkages between biodiversity loss and degradation of ecosystems and the emergence of zoonotic diseases) [...]

Grozd 6

Hrana, bioekonomija, naravni viri, kmetijstvo in okolje

Work Programme 2023-2024

9. Food, Bioeconomy, Natural Resources, Agriculture and Environment

HORIZON-CL6-2023-BIODIV-01-17: Interlinkages between biodiversity loss and degradation of ecosystems and the emergence of zoonotic diseases

Expected Outcome: In line with the European Green Deal and in particular with the objectives of the EU biodiversity strategy for 2030, projects will develop knowledge on the links between the degradation of ecosystems with its associated biodiversity loss and the exposure to, emergence and spread of zoonotic diseases to humans. This will compliment other initiatives by addressing the biodiversity and health nexus with a focus on the effects of biodiversity loss and degradation of ecosystems on the emergence of zoonotic diseases in the context of climate change and globalization.

Dodatek: aktualni razpisi



EN

Horizon Europe

Work Programme 2023-2024

4. Health

(European Commission Decision C(2023) 2178 of 31 March 2023)

DESTINACIJA III - Spoprijemanje z boleznimi in zmanjševanja bremena bolezni

Rok za prijavo: 26. oktober 2023 – 11.april 2024/ enofazni

HORIZON-HLTH-2024-DISEASE-08-20: Pandemic preparedness and response: Host-pathogen interactions of infectious diseases with epidemic potential

RIA

50 Mio

Project size: 7-8 Mio

DESTINACIJA V – Sproščanje polnega potenciala novih orodij, tehnologij in digitalnih rešitev za zdravo družbo

Rok za prijavo: 26. oktober 2023 – 11.april 2024/ enofazni

HORIZON-HLTH-2024-TOOL-11-02: Bio-printing of living cells for regenerative medicine

RIA

25 Mio

Project size: 6-8 Mio

DESTINACIJA VI - Vzdrževanje inovativne, trajnostne in globalno konkurenčne z zdravjem povezane industrije

Rok za prijavo: 26. oktober 2023 – 11.april 2024/ enofazni

HORIZON-HLTH-2024-IND-06-08: Developing EU methodological frameworks for clinical/performance evaluation and post-market clinical/performance follow-up of medical devices and in vitro diagnostic medical devices (IVDs)

RIA

10 Mio

Project size: 8-10 Mio

HORIZON-HLTH-2024-IND-06-09: Gaining experience and confidence in New Approach Methodologies (NAM) for regulatory safety and efficacy testing – coordinated training and experience exchange for regulators

CSA

2 Mio

Project size: 2 Mio