REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE, PODNEBJE IN ENERGIJO

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA NARAVNE VIRE IN PROSTOR

Projekt AgriValue4LIFE

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

Praktični prikaz definiranja **projektnega problema** in umestitev ideje v **prednostno temo**

Pripravila: Irena Likar, PROJEKT-I

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Life Slovenija

Panel (prednostno področje)**:** CEQL_Panel1 - **Circular Economy and Quality of life**

Descriptor (natančnejša opredelitev prednostnega področja)**: Circular Economy and the Environment**

Trajanje projekta: 36 mesecev (skrajšan - prva oddaja - 60 mesecev)

Vrednost projekta: 3.102.080 € (zmanjšana vrednost za €1,6 mio) od tega:

Finančni prispevek EU (LIFE): 1.412.543 €

Nacionalno sofinanciranje: 312.805 €

(60% od upravičenih stroškov, oprema je priznana samo v višini 50%)

Napovedani prihodki projekta: 105.000 €

Lastni delež: 1.271.732 €

Vodilni partner: **CEKOM3LJ** (Centar kompetencija za hranu, zdravlje i bioekonomiju 3LJ)

Partnerji: **HAPIH** (Hrvatska agencija za poljoprivredu i hranu)

DALMACONSULT (privatno podjetje)

UNIFAZ (Fakulteta za agronomijo, oddelek za mlekarstvo, Zagreb) (dodano)

UMK (Združenje oljkarjev Kastela Mastrinka) (dodano)

Deležniki/podporniki:

Eko sir Puđa

Sirarna, kjer bo izvedena pilotna proizvodnja sira

Projekt AgriValue4LIFE:

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Projekt Olive4LIFE se osredotoča na potencial mediteranske biomase (oljčne tropine, koščice/lupine češenj, listje) v Splitsko-Dalmacijski županiji

Prevladujejo okoljsko škodljive prakse ravnanja z ostanki, npr.

- kurjenje na prostem (onesnaženje zraka)
- zakopavanje v zemljo (degradacija tal), idr.

← POSLEDICE ←

Ostanki mediteranske biomase (oljkarstvo, sadjarstvo) so obravnavani kot odpadek in ne kot surovina za nadaljnjo izrabo

← PROBLEM ←

Ni možnosti oddaje biomase v nadaljnjo izrabo

← VZROKI ←

Projekt AgriValue4LIFE:

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Koraki oblikovanja problema in teme →

1. Pregled prednostnih tem razpisa
2. Umestitev problema, oblikovanje opisa problema in
3. Identifikacija splošnega cilja (*general project objective*)

Poglavja prijavnice, v katerih pojasnjujete problem in utemeljite izbor prednostne teme:

1.1 Background and general project objectives (v tem poglavju se opiše problem)

1.3 Compliance with LIFE programme objectives and call topic

- Compliance with LIFE Program objectives **(bo obrazloženo v poglavju CILJI)**
- Compliance with the call topic (**REŠITEV PROBLEMA SE POVEŽE S TEMO RAZPISA!**)

Projekt AgriValue4LIFE:

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

Ključni dokumenti za uvrstitev projekta v prednostno temo, oblikovanje problema in splošnega cilja:

1. **LIFE Regulation and Multi-annual work-programme** (objavljen na Funding&Tender Portalu)
2. **Priority topics life 2025-2027** https://lifeslovenija.si/wp-content/uploads/2025/12/846_20_01_2025_LIFE_PriorityTopics_2025_2027_0.pdf)
3. **Call-fiche_life-2026-sap-env_en**

Pri pisanju projekta poskušajte uporabljati besedišče iz LIFE dokumentov

POZOR: Dokumenti so poimenovani kot v razpisu 2025. V 2026 se lahko poimenovanje spremeni. Podano samo za oris, kaj je pomembno in kaj iščete!

LIFE PROGRAMME – LIST OF PRIORITY TOPICS FOR 2025-2027

Contents

Projekt AgriValue4LIFE:

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

PROBLEM

Ostanki mediteranske biomase so obravnavani kot odpadek in ne kot surovina za nadaljnjo izrabo

VZROK PROBLEMA

Ni možnosti oddaje biomase v nadaljnjo izrabo

POSLEDICE PROBLEMA

Indikatorji!

Prevladujejo okoljsko škodljive prakse ravnanja z ostanki, npr.

- kurjenje na prostem (onesnaženje zraka)
- zakopavanje v zemljo (degradacija tal)

REŠITEV:

Vzpostavi se sistem odvoza/ravnanja z biomaso. Ostanki postanejo surovina za nadaljnjo uporabo.

S procesom ekstrakcije (dva postopka) se pridobi **različne ekstrakte (iz listja oljk in češnje, tropini/koščice),** ki vsebujejo visoko kakovostne bioaktivne spojine, dragocene za prehransko industrijo, farmacijo in kozmetični sektor (UP-SCALING – 5 dodatnih točk)

Inovativnost – Razvoj zaščitnega premaza za poltrdi sir, ki preprečuje razvoj neželenih plesni in **aplikacija v sirarni ter patentiranje! – ter razvoj sladoleda**

Ostanki biomase se uporabijo za izdelavo briketov – vzpostavlja se zbirni center biomase in sistem briketiranja (znižani stroški).

Velik poudarek na replikaciji (REPLICATION) in izkoriščanju/uporabi (EXPLOITATION): vzpostavljena banka za dostop do ekstraktov, izdelani trije kozmetični produkti, recepti

Projekt zasleduje principe krožnega gospodarstva z zero waste pristopom upravljanja z viri (biomaso)

Projekt AgriValue4LIFE:

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

Navezava poglavja 1.3 na teme razpisa:

1.2. Circular Economy and the Environment

Priority is given to proposals addressing the following:

1. The implementation of business and consumption models, systems, or solutions[23] to support value chains[24], including bio-based ones[25], particularly the key product value chains set out in the new EU Action Plan for the Circular Economy[26], aiming at **reducing or preventing resource use and waste**[27].
2. Implementation and application of **new models for improved extended producer responsibility schemes**, including eco-modulation of fees.

Nasvet:

Pri utemeljevanju/izpolnjevanju poglavja uporabljajte besedne zveze iz razpisa.

Gre za pomembno poglavje, zato ga opišite na vsaj eni A4 strani!

Compliance with the call topic

Indicate the call topic to which your proposal relates, and explain how the proposed project addresses the scope of the topic description in the Call document.

AgriValue4LIFE addresses the LIFE 2025 call **Circular Economy and the Environment (1.2)** by demonstrating a close-to-market circular pathway that turns Mediterranean agricultural residues (olive, cherry and grape streams) into food-grade extracts, a flagship **innovative cheese surface treatment**, and heating briquettes to close the loop. The project operationalises the **implementation of business and consumption models to support circular value chains** by linking growers, an extraction facility, a dairy partner and a briquetting line into an evidence-based, auditable value chain with documented logistics, drying and quality controls.

By organising residue flows from farm to processing, the project delivers the **demonstration of new technologies and practices for separate collection and treatment of bio-waste**, ensuring that biomass is captured quickly, stabilised and prepared to specification for high-value uses before energy recovery of the remainder. The cheese treatment is the project's core product innovation and a **close-to-market solution** that favours **new business models**, with producer-side piloting, consumer testing and QA/QC to support uptake in the agri-food sector.

Projekt AgriValue4LIFE:

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

Life Slovenija

Poglavje:4

1.1 Background and general project objectives

NASVET:

Preberite navodilo, ki je v prijavnici napisano pod naslovom in poskrbite, da v tem poglavju opišete vse, kar zahtevajo!

Najboljše je, da si oblikujete podpoglavja.

Background and general project objectives

Explain the problem and the needs to be addressed in the project. Describe the background, starting point / quantified baseline of the project.

Please explain in which location and/or sector the main activities of the project will take place and justify that choice.

For Nature and Biodiversity:

Provide a clear and quantified description of the conservation issue and threats targeted, as well as relevant background information and quantified figures defining the baseline to justify the proposed Interventions by

At stage 1 (concept note) when relevant, describe the main species/habitats directly targeted by the project: scientific name; refer to the Annex(es) of the EU Birds or Habitats Directive where they are listed; population size within each project area; conservation status; habitat name and Natura 2000 code; % of the cover within each project area; conservation status.

At stage 2 (full proposals), when relevant, provide a brief description of the areas where conservation actions will be implemented and main species and / or main habitats directly targeted by the project, and submit the following annexes:

- *maps*
- *description of sites*
- *description of species and habitats*

Describe the previous conservation efforts in the project area or for the habitats/species targeted.

For Circular Economy and Quality of Life (n/a to Environmental governance topics):

Describe the previous technical preparatory work and results of previous research and development activities, showing the status of technical development achieved for the proposed solution, including the technical readiness level (TRL) where relevant and proving its technical feasibility.

Explain the scale at which such results have been obtained and if prototypes have been already developed and tested. Their scale/dimension and relevant results and conclusions have to be clearly presented. Illustrate available best practices in the relevant sector (state of the art) and clearly and concisely explain the environmental, technical and economical improved performances/ advantages introduced by the proposed solution in case this is claimed to be innovative/ demonstrative.

Projekt AgriValue4LIFE:

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Life Slovenija

Poglavje:4

1.1 Background and general project objectives

IZKUŠNJA:

Predlagam, da si razdelate navodilo in si zahteve izpišite v podpoglavja, da česa ne pozabite izpostaviti

1. Project overview

The Mediterranean region faces a persistent, system-level problem: agricultural residues are still managed linearly and, too often, poorly. Across the EU, agriculture generates a very large share of total waste…

2. Problem and Needs

…This problem is particularly acute in Croatia. Waste management remains dominated by landfilling; only a handful of municipalities operate robust household-waste systems…. The European Commission has flagged weaknesses in infrastructure, enforcement, stakeholder awareness, and integrated collection systems….

…A 2025 stakeholder survey confirms that growers recognize the value in residues but are blocked by practical barriers: lack of equipment and technical know-how, limited financing, no reliable market outlets, and a fragmented farm structure (plots average ≈0.25 ha), which makes coordinated collection expensive….

PODKREPITE Z VIRI: iz znanstvenih člankov, EU analiz, študij

POVEŽITE S PREDNOSTNIMI TEMAMI!

3. Background and Starting Point / Operational starting point and quantified baseline

The AgriValue4LIFE builds on existing facilities and methods that have already reached high maturity on other matrices and are now being adapted to Mediterranean residues under real operating constraints…..

Izpostavite ključne zadeve vezane na vaš projekt – npr. količine, procese, omejitve, uporabnike - Kvantificirajte, pojasnite!

Poglavje:4

1.1 Background and general project objectives

NASVET:

To poglavje je z vidika ocenjevanja zelo pomembno. Preverite, če ste podali vse informacije, ki so zahtevane!

4. Location and Sector Justification

Split-Dalmatia County offers representative Mediterranean residue streams (olives, cherries, grapes, almonds, figs) and a dense problem profile (pomace volumes, burning of prunings, fragmented farms). It also offers the practical conditions…

5. Previous technical work, feasibility and TRL – ZELO POMEMBNO!

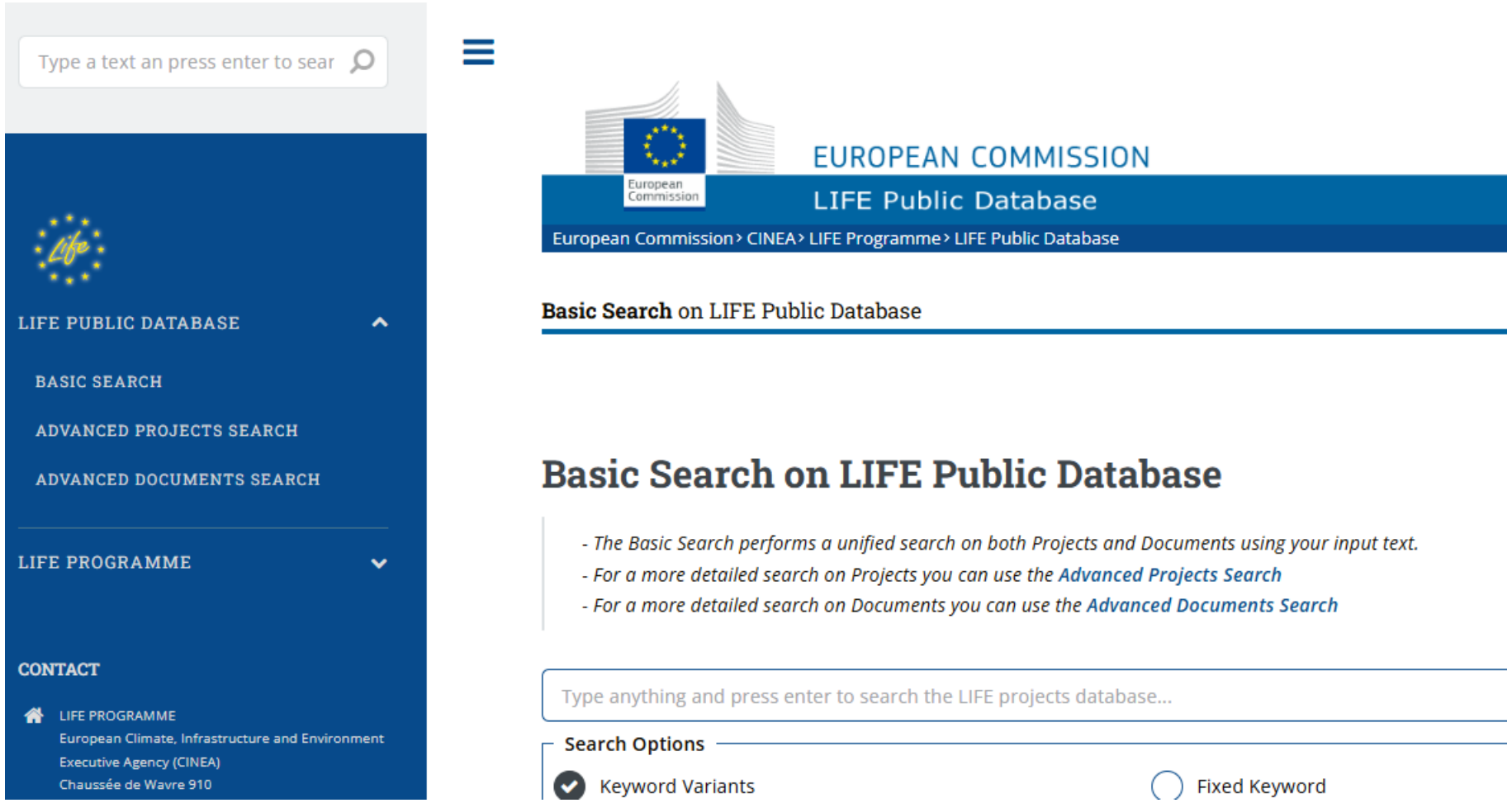
- Opišite metode/tehnologije/rešitev tako, da utemeljite njeno učinkovitost
- Navežite se na že izvedene podobne postopke/projekte (dodajajte vire)
- Posebej natančno opišite stopnjo TRL (Technology Readiness Level), pozicionirajte se in opišite katere faze boste izvedli

6. Innovative and Demonstrative Aspects

- **Dodajte razlago: How the proposed solution advances the state-of-the-art**
- Opišite inovativnost ali demonstracijski vidik – **ZELO POMEMBNO!**

Viri podatkov za utemeljitev okoljskega problema

Spletna stran LIFE Public Database: https://webgate.ec.europa.eu/life/publicWebsite/search



Viri podatkov za utemeljitev okoljskega problema

Spletna stran Evropske okoljske agencije (EEA): https://www.eea.europa.eu/en

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE, PODNEBJE IN ENERGIJO

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA NARAVNE VIRE IN PROSTOR

Viri podatkov za utemeljitev okoljskega problema

Life Slovenija

Organizacija	Razpoložljivi podatki
ZRSVN https://www.naravovarstveni-atlas.si/web/DefaultNvaPublic.aspx	podatki o pojavljanju vrst/HT (IJZ vloga) Podatki NV atlas
MNVP, GURS: portal e-prostor: https://ipi.eprostor.gov.si/jgp/data https://www.e-prostor.gov.si/	Javni geodetski podatki (GJI, kataster, DMR, topografski podatki in karte) digitalni ortofoto posnetki (DOF), zgodovinski DOF
MNVP, DRSV eVode: http://www.evode.gov.si/index.php	Vode, vodna zemljišča, poplave, kakovost voda, koncesije …
MKGP	RABA, GERK, KMRS, EKRZ, KatMeSiNa
MKGP ZGS https://prostor.zgs.gov.si/pregledovalnik/	podatki o gozdovih (sestoji, funkcije, gozdni rezervati in varovalni gozdovi
ARSO, Atlas okolja https://gis.arso.gov.si/atlasokolja/profile.aspx?id=Atlas_Okolja_AXL@Arso https://gis.arso.gov.si/geoportal/	LIDAR, kakovost voda

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE, PODNEBJE IN ENERGIJO

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA NARAVNE VIRE IN PROSTOR

Viri podatkov za utemeljitev okoljskega problema

Life Slovenija

Organizacija	Razpoložljivi podatki
Statistični urad Slovenije	Različni statistični podatki (npr. št. kmetijskih gospodarstev, povprečna velikost kmetij, ipd.)
Spletni portal invazivke: Invazivke.si	Seznami potrjenih najdb invazivnih tujerodnih vrst
iNaturalist: https://www.inaturalist.org/	Podatki o pojavljanju vrst
Life Narcis: https://narcis.gov.si/ords/r/narcis/narcis/home	Zbrani javno dostopni podatki o vrstah, statusih
iObčina https://www.iobcina.si/	Tudi podatki o parcelah v javni lasti (omejen dostop)
WWF: https://wwf.panda.org/	

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE, PODNEBJE IN ENERGIJO

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA NARAVNE VIRE IN PROSTOR

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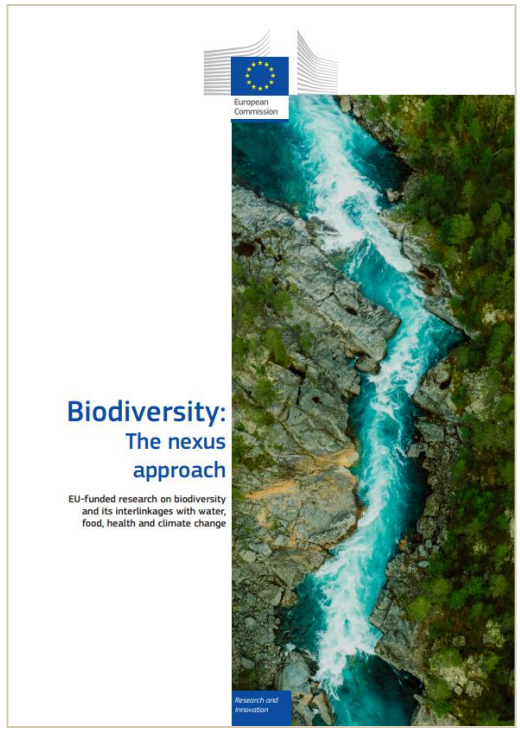
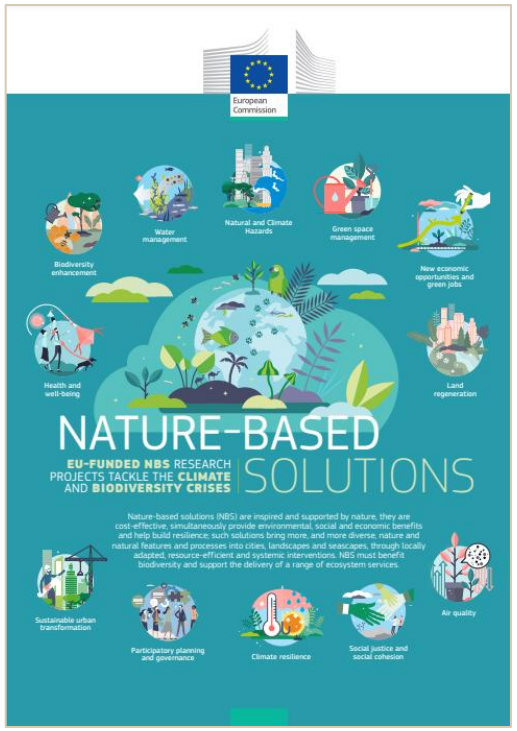
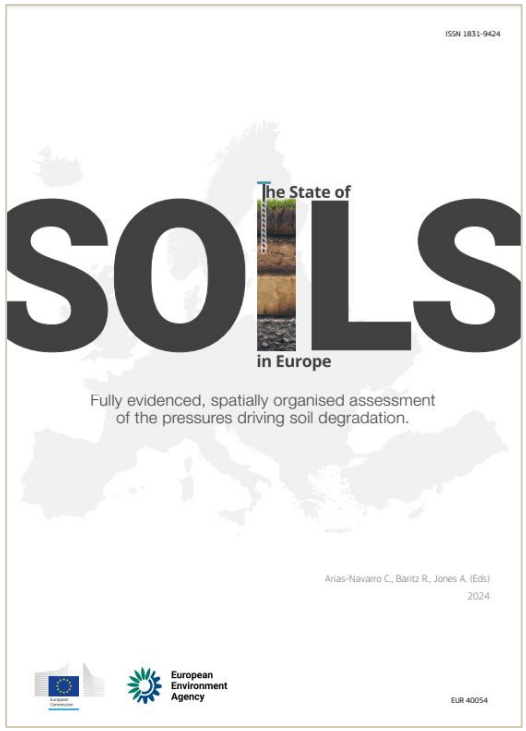
Spletna stran Publications Office of the European Union: https://op.europa.eu/en/home







Pripravite kvalitetne projektne predloge…

Razpis 2023	LIFE-2023-SAP-NAT-Nature	LIFE-2023-SAP-EVN
Število vlog	108	148
Število vlog, ki presega prag	59 (54,6%)	33 (22,3%)
Nedopustne/neupravičene vloge	5	5
Odobreni projekti	25 (23,2%)	24 (16,2%)
Sredstva EU	148 mio	72,2 mio
Vrednost projektov	226 mio	139,6 mio
Povprečna vrednost izbranih projektov	9 mio	5,8 mio
Največji projekt	34 mio (Improve Aquatic LIFE)	18 mio (LIFEREPLAR)
Najmanjši projekt	3,4 mio (LIFE for LIFELINES)	2,2 mio (GENESYS)

Vprašanja

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE, PODNEBJE IN ENERGIJO

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA NARAVNE VIRE IN PROSTOR

Projekt AgriValue4LIFE

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

Cilji in pričakovani rezultati

Pripravila: Irena Likar, PROJEKT-I

Projekt AgriValue4LIFE:

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

Life Slovenija

Če se še enkrat vrnemo na pregled povezljivosti poglavij za problem, splošni cilj in prednostno temo:

1.1 Background and general project objectives (v tem poglavju se opiše problem)

1.3 Compliance with LIFE programme objectives and call topic

- Compliance with the call topic (REŠITEV PROBLEMA SE POVEŽE S TEMO RAZPISA!)
- Compliance with LIFE Program objectives

1.2 Specific project objectives

3.2 Work packages and activities

Izpostavimo še povezljivost poglavij za cilje in aktivnosti:

Projekt AgriValue4LIFE:

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

NASVET: Projekt začnite pripravljati s poglavjem 3.2 Work packages and activities. Tu definirate specifične cilje in rezultate in jih kasneje prenesete v poglavje 1.2

Work Package 2: [Biomass mobilisation and coordination] *(n/a for concept note)*			
Duration:	M1 – M36	**Lead Beneficiary:**	5 - UMK
Objectives and results			

T.2.1 [UMK Olive Members' Meeting and Mobilisation] (M1)

- **Specific Objective:** Organise a focused meeting for UMK members — olive growers and mill managers — to mobilise suppliers to obtain at least 300 tonnes of olive pomace and 600 tonnes of spring orchard biomass (leaves and branches).
- **Expected Result:** Defined suppliers with site data (GPS, indicative volumes, contact) that will contribute at least 300 tonnes of olive pomace and 600 tonnes of spring orchard biomass (leaves and branches).

T.2.2: Biomass Logistics and Transportation Plan (M2 - annually updated)

- **Specific Objective:** Develop and adopt a logistics and transport plan covering four streams of biomass — olive pomace (300 t), olive leaves and branches (600 tonnes), cherry leaves and branches (180 tonnes) and cherry pits/pomace (15 tonnes) — totalling **1,095 tonnes**; include seasonal calendars, routes, 24 h pomace delivery, handling rules, contingencies, and an annual review/update process.
- **Expected Result:** Biomass Logistics and Transportation Plan for the 2026/2027 season finalised by October 2026 (M2). Annual updates finalised for 2028 by October 2027 (M14) and for 2029 by December 2028 (M28). Plans cover transportation of **1,095 tonnes** from 2026–2029.

Projekt AgriValue4LIFE:

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

Life Slovenija

Predstavitev pomembne povezave med poglavji:

3.2 Work packages and activities

Identificirajte aktivnosti projekta* in njihove rezultate uporabite za oblikovanje specifičnih ciljev projekta

**več o oblikovanju delovnih paketov na naslednji delavnici*

Nasvet: Podatki v teh poglavjih se morajo povezati. Osnova je poglavje 3.2, kjer že navedete specifične cilje, te prenesete v poglavje 1.2 in na koncu izpostavite ključne cilje v 1.1.

1.2. Specific project objectives

Pri oblikovanju interpretacije specifičnih ciljev se navezujte na definirane cilje in rezultate WP aktivnosti kot tudi cilje razpisa: call-fiche_life-2026-sap-env_en, ki so predstavljeni v poglavju:

2. Type of action – Objectives - Themes and priorities - Activities that can be funded - Expected impact

***Opomba - Lanski razpis, v 2025 se lahko številka poglavja spremeni. Podano samo za oris, kaj iščete!**

1.1 Background and general project objectives

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE, PODNEBJE IN ENERGIJO

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA NARAVNE VIRE IN PROSTOR

Projekt AgriValue4LIFE:

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

Life Slovenija

Work Package 2: [Biomass mobilisation and coordination] *(n/a for concept note)*			
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Obkrožena oznaka predstavlja oznako aktivnosti (task) delovnega sklopa (WP2), ki je v nadaljevanju podrobno razdelana. Cilji in rezultati so povzeti iz besedil, za vsak „task" ločeno in nato preneseni v poglavje 1.2

Ni treba dobesedno prekopirati, ampak malenkostno preoblikujte – *npr. namesto Develop – Development of* - in če je smiselno združite, obvezno kvantificirajte!!!

Specific project objectives

Describe the specific objectives of your project (clear, measureable, realistic and achievable within the duration of the project).

Vprašanja

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE,
PODNEBJE IN ENERGIJO

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA NARAVNE VIRE IN PROSTOR

Projekt AgriValue4LIFE

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

Indikatorji projekta (KPI)

Pripravila: Irena Likar, PROJEKT-I

Projekt AgriValue4LIFE:

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

Nasvet: Preden začnete snovati vaš projekt, preverite prednastavljene indikatorje za LIFE projekte!

DEL C, kjer se definira indikatorje se nahaja v sistemu Funding&Tender Portala

LIFE Programme – Application Forms (Part C – KPI)

Horizontal KPIs for all LIFE applicants (Mandatory to report on all the KPIs of this section).

Innovation

Is your project proposal developing, demonstrating and promoting innovative techniques and approaches?

(●) Yes
( ) No

Governance

Is your project proposal improving governance through enhancing capacities of public and private actors and the involvement of civil society?

(●) Yes
( ) No

Plans & strategies

Is you project proposal implementing key plans or strategies?

(●) Yes
( ) No

Catalytic effect - Financial

Will your project trigger additional investments?

(●) Yes
( ) No

Catalytic effect - Spatial

Will the results of your project be replicated beyond its intended geographical scope?

(●) Yes
( ) No

Catalytic effect - Thematic

Will the results of your project be replicated (transferred) beyond its intended thematic scope?

(●) Yes
( ) No

Projekt AgriValue4LIFE:

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

Please select the relevant indicators for your project. For each selected indicator please provide any required values and comments. Please note that if you deselect an indicator, all values entered will be lost.

- ☐ Air quality
- ☐ Biodiversity (number of Species)
- ☐ Chemicals (humans)
- ☑ Employment
- ☐ GHG sequestration
- ☑ Other project specific KPIs
- ☐ Soil quality
- ☐ Water quality
- ☐ Biodiversity (Invasive Alien Species)
- ☑ C2M projects
- ☐ Climate area vulnerability reduction
- ☐ Energy savings
- ☐ Investments and Financing
- ☐ Renewable energy
- ☑ Waste management
- ☐ Biodiversity (habitats)
- ☐ Chemicals (environment)
- ☐ Climate vulnerability (humans)
- ☑ GHG emissions
- ☐ Noise
- ☐ Resource efficiency
- ☐ Water efficiency

Ko v kvadratek vneseš kljukico, se odprejo prednastavljeni indikatorji

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE, PODNEBJE IN ENERGIJO

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA NARAVNE VIRE IN PROSTOR

Projekt AgriValue4LIFE:

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

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Primer prednastavljenega indikatorja

(*samo kot primer - povezava opisa označenega z rdečo je razložena kasneje*)

Resource efficiency

Amount of products, materials and substances being prepared for re-use, recycling and recovery in Tonnes / year

In the start-value please provide the baseline situation at the start of the project (e.g. amount of products, materials and substances being prepared for re-use, recycling and recovery). In the end-value please provide the estimated amount of products, materials and substances being prepared for re-use, recycling and recovery at the project-end. The end-value is expected to be higher than the start-value, demonstrating an increase in the amount of products, materials and substances being prepared for re-use, recycling and recovery; due to the project actions. Please also provide the estimated amount, 3/5 years after the project-end, to demonstrate if further increase would be achieved. Please indicate also the type of products/materials/substances from the drop-down list. Please also provide relevant comments.

Please select type of products/materials/substances

- ☐ End of life batteries and accumulators
- ☐ Micro-plastics
- ☐ Textiles
- ☐ End of life vehicles
- ☑ Bio-waste/organics
- ☐ Plastic packaging
- ☐ Other plastics (including Carbon/Glass fibres)
- ☐ Construction works and buildings
- ☐ Electric and electronic waste (E-waste) other than photovoltaic panels
- ☐ Other
- ☐ Non-plastic packaging
- ☐ End of life ships
- ☐ Photovoltaic panels

Project-Start Value (Baseline)	Project-End Value	3/5 years beyond Project-End Value	Unit
0	1095	4800	tn/year

Comments (Please provide stand-alone information to further clarify your input and briefly explain any assumptions/calculations. Please also ensure alignment with the main proposal text.)

Impact during: The project will process 1,495 tons of Mediterranean agricultural residues (biomass). These residues, currently treated as waste, will be converted into high-value extracts (WP3), innovative products (WP4, WP7), and heating briquettes (WP5). Collected biomass will comprise 900 t of olive residues (WP/T.2.1–T.2.3), 195 t of cherry residues (WP/T.2.3), and 400 t of local green biomass from the City of Trilj (WP5). Project end value is 1,495 t processed (2026–2029). KPIs will be verified by weighbridge tickets in T.2.3 and records in WP5.

Impact five years post-project: In the post-LIFE period, biomass reception will increase to reach the full operating scale of the installed briquetting capacity—4,800 t/year—with extraction continuing at demand-driven volumes. The model is expected to be replicated across the Mediterranean and beyond, amplifying environmental benefits and waste reduction.

Indicator (3–5 years post-project): 4,800 t/year of processed biomass.

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE, PODNEBJE IN ENERGIJO

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA NARAVNE VIRE IN PROSTOR

Projekt AgriValue4LIFE:

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Izbran indikator:

Poimenuješ poljubno, vezano na indikatorje projekta!

Other project specific KPIs

Please enter your project's specific KPI title and provide clarifications in the comment box.

Please specify any other KPIs you wish to present that you consider relevant and not included in the existing KPI list.

Project-Start Value (Baseline)	Project-End Value	3/5 years beyond Project-End Value	Unit
0	674	1348	kg of high-value extracts produced

Please provide stand-alone information to further clarify your input and briefly explain any assumptions/calculations. Please also ensure alignment with the main proposal text.

Production of High-Value Bio-Products

Production of approximately 130 kg of leaf extracts, 528–1,056 kg of pomace extracts, and ≥16 kg of grape seed extract (WP3/T.3.3–T.3.5, WP7).

Project start value: 0 (no product). Project end value: minimum guaranteed volume 674 kg of extract.

Five years post-project: At least +100% increase in annual extract output (extended process days; SFE throughput improvements procured in WP3), bringing ~1,348 kg/year to market under ISO-aligned controls.

Indicator (3–5 years post-project): 1,348 kg/year.

Projekt AgriValue4LIFE:

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

Life Slovenija

Poglavja vezana na indikatorje so:

2.1 Ambition of the impacts

Vezano na rezultate in napoved učinka čez pet let

Ambition of the impacts

Identify and quantify the effects of the project (during the implementation and up to 5 years after its end).

Be specific and provide only information about impacts that are a result of your project. The impact of other projects should not be taken into account.

Wherever possible, use quantified indicators and targets.

Note: *In addition to the description above, for stage 2 (full proposals) include quantified indicators in Part C of the application forms (both horizontal KPIs for the LIFE programme as well as any specific KPIs relevant to the proposal). Ensure correspondence between Part B and Part C.*

2.2 Credibility of the impacts

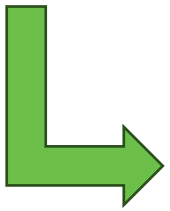
Utemeljite izračune/napovedi učinkov

Credibility of the impacts

Show the steps of your calculations and base yourself on the activities mentioned in your work plan.

Justify and substantiate the baselines, benchmarks and assumptions you used, making reference to relevant publications, studies or statistics.

Try to use the same methodologies for calculating impacts (avoid using different methodologies for each partner, region or country).



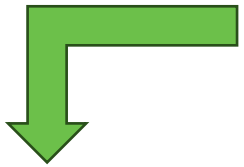
1.2. Specific project objectives

Vsi podatki, s katerimi operirate morajo biti podprti s številkami/opisi v tem poglavju ali B delu prijavnice

Projekt AgriValue4LIFE:

Transforming Mediterranean Agriculture Residues into High-Value Products for a Greener Future

2.1 Ambition of the impacts



Prenesete v Part C - KPI

The AgriValue4LIFE project will deliver significant and measurable impacts during implementation and in the five years after completion, as summarised below. All values and targets correspond to the project's own activities and KPIs from Part C, with verification methods foreseen under tasks across different work packages.

Resource efficiency – amount of biomass prepared for recovery

Reduction in Mediterranean Agriculture Biomass Waste (focusing on olive production)

- **Impact during implementation:** The project will process **1,495 tons** of Mediterranean agricultural residues (biomass). These residues, currently treated as waste, will be converted into high-value extracts (**WP3**), innovative products (**WP4, WP7**), and heating briquettes (**WP5**). Collected biomass will comprise **900 t** of olive residues (**WP/T.2.1–T.2.3**), **195 t** of cherry residues (**WP/T.2.3**), and **400 t** of local green biomass from the City of Trilj (**WP5**).

  *Project start value for this KPI is 0 (biomass currently burned or improperly handled). Project end value is **1,495 t** processed (2026–2029). KPIs will be verified by weighbridge tickets in **T.2.3** and records in **WP5**.*

- **Impact five years post-project:** In the post-LIFE period, biomass reception will increase to reach the full operating scale of the installed briquetting capacity—**4,800 t/year**—with extraction continuing at demand-driven volumes. The model is expected to be replicated across the Mediterranean and beyond, amplifying environmental benefits and waste reduction.

  *Indicator (3–5 years post-project): **4,800 t/year** of processed biomass.*

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE, PODNEBJE IN ENERGIJO

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA NARAVNE VIRE IN PROSTOR

Projekt AgriValue4LIFE:

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Life Slovenija

Prikaz povezanosti med Part C in poglavjem 2.1

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Projekt AgriValue4LIFE:

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Life Slovenija

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Credibility of the impacts

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Justify and substantiate the baselines, benchmarks and assumptions you used, making reference to relevant publications, studies or statistics.

Try to use the same methodologies for calculating impacts (avoid using different methodologies for each partner, region or country).

Method & verification. All figures come directly from activities and capacities in the Work Packages. Masses are verified via certified **weighbridge tickets** (WP2/T.2.3; WP5), batch/production logs (WP3, WP5), and attendance/media records (WP6). Calculations are simple, auditable, and stored under **WP7/T.7.1** (LCA/TEA annex).

Resource efficiency (biomass for recovery)

- **During project (1,495 t):** Sum of planned intakes: **900 t olive** (WP2/T.2.1–T.2.3) plus **195 t cherry** (WP2/T.2.3) plus **400 t city green biomass** (WP5) = **1,495 t** processed 2026–2029. Baseline = **0** (no recovery).
- **Post-LIFE (4,800 t/yr):** Installed briquetting capacity: **1 t/h × 16 h/day × 25 d/mo × 12 mo = 4,800 t/yr** (WP5). Indicator set to that full operating rate.

- **Approach:** Conservative **IPCC Tier-1** landfill-methane method; we count **only avoided CH_4** from orchard/mill residues that would otherwise decompose anaerobically. We **exclude** field-burning substitution, transport, and fuel-switch credits.

S tem opisom potrdite kredibilnost vaših napovedanih učinkov!

Pazite na povezave z delovnimi sklopi (WP), taski!

Razvidno mora biti, na kakšen način boste dokazali indikatorje!

Nujno predvidite aktivnosti merjenja v besedilu WP (poglavju 3.2).

Primer drugega KPI, z opisom metode

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MINISTRSTVO ZA OKOLJE, PODNEBJE IN ENERGIJO

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Projekt AgriValue4LIFE:

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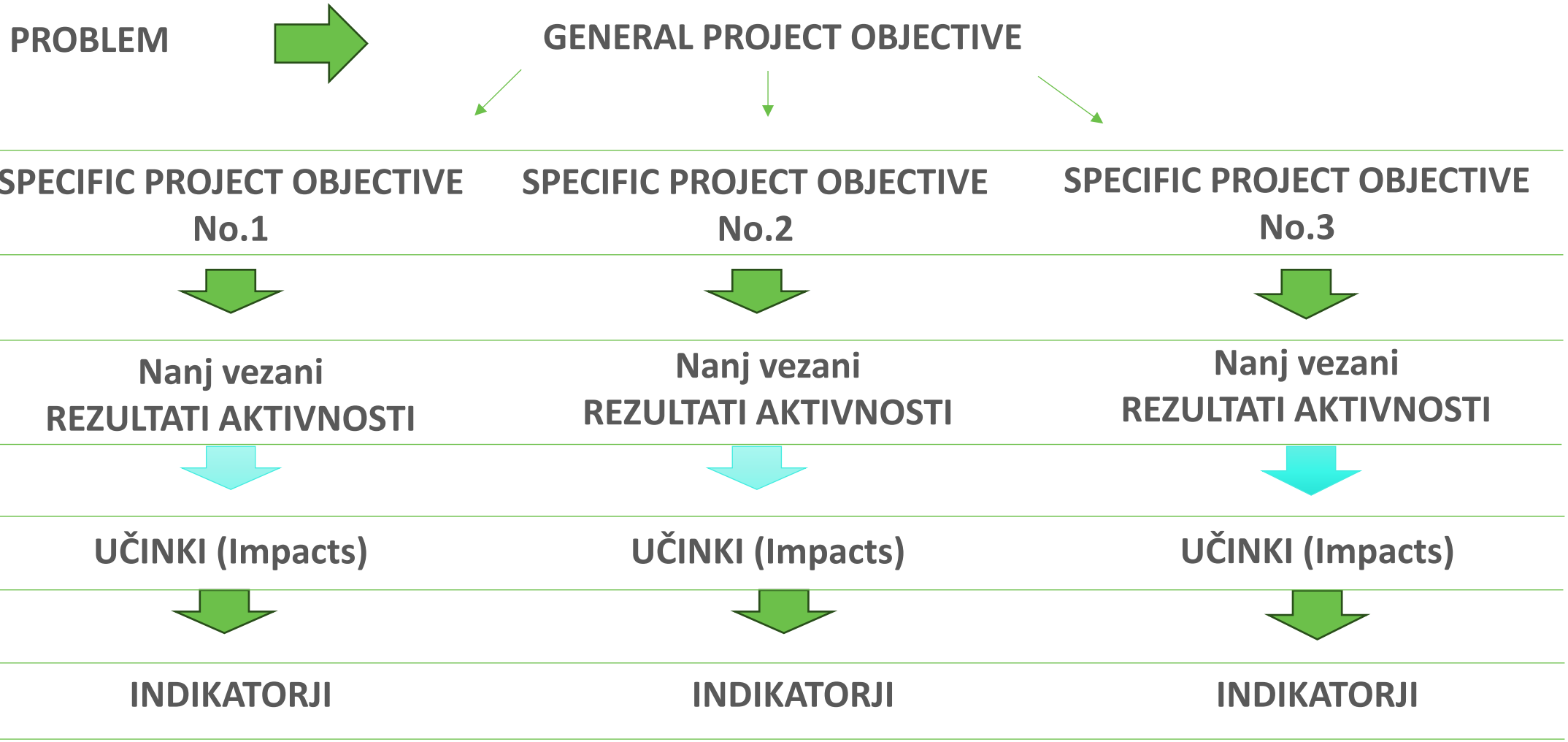
Life Slovenija



Vprašanja