



STRITIH
Sustainable Development

PROGRAM
RAZVOJA
PODEŽELJA



Evropski kmetijski sklad za razvoj podeželja: Evropa investira v podeželje

**PRESENTATION OF THE EIP PROJECT:
CONTRIBUTION OF FARMS TO CLIMATE
CHANGE MITIGATION AND ADAPTATION
USING THE FRAMEWORK OF ECOSYSTEM
SERVICES**

Tamara Urbančič, November 2023

GENERAL DATA

Partnership:

- Stritih, Sustainable Development, Bovec
- Farm Volk, Suhorje
- **Sinergise d.o.o., Ljubljana**
- Public Institute – Tourism Pivka, Pivka
- Farm Jernejevi, Slavinje
- Farm Janez Herlah, Radegunda
- Farm Frank, Topolc
- Farm Brinjevka d.o.o. so.p., Mali dol
- Biotechnic centre Naklo, Strahinj
- Institute Jabolko, Metlika

Approved funding: 249.986,41 EUR

Project duration: 18.5.2022 - 18.5.2025

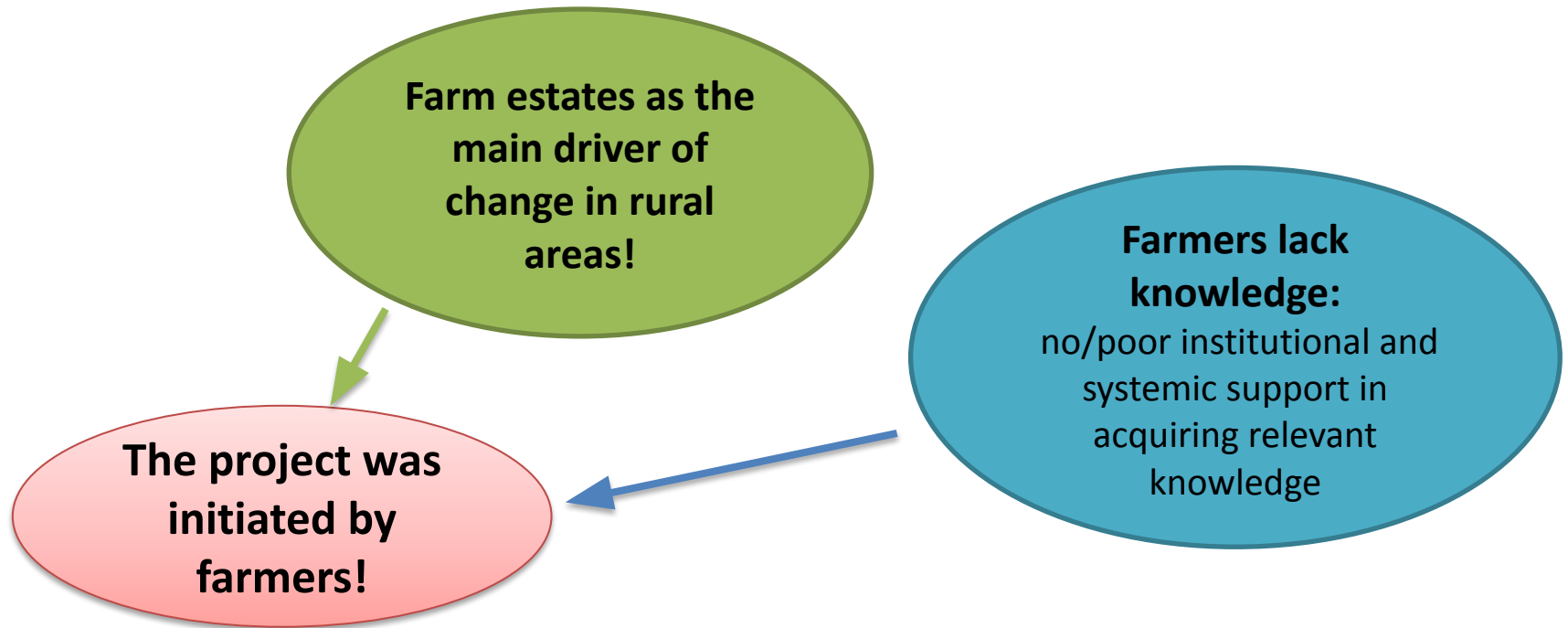
Project is co-financed by the European Union`s European Agricultural Fund for Rural Development and Republic of Slovenia as part of Rural Development Programme 2014 – 2020.

Measure: Collaboration from the Rural Development Programme of Republic of Slovenia 2014 – 2020.

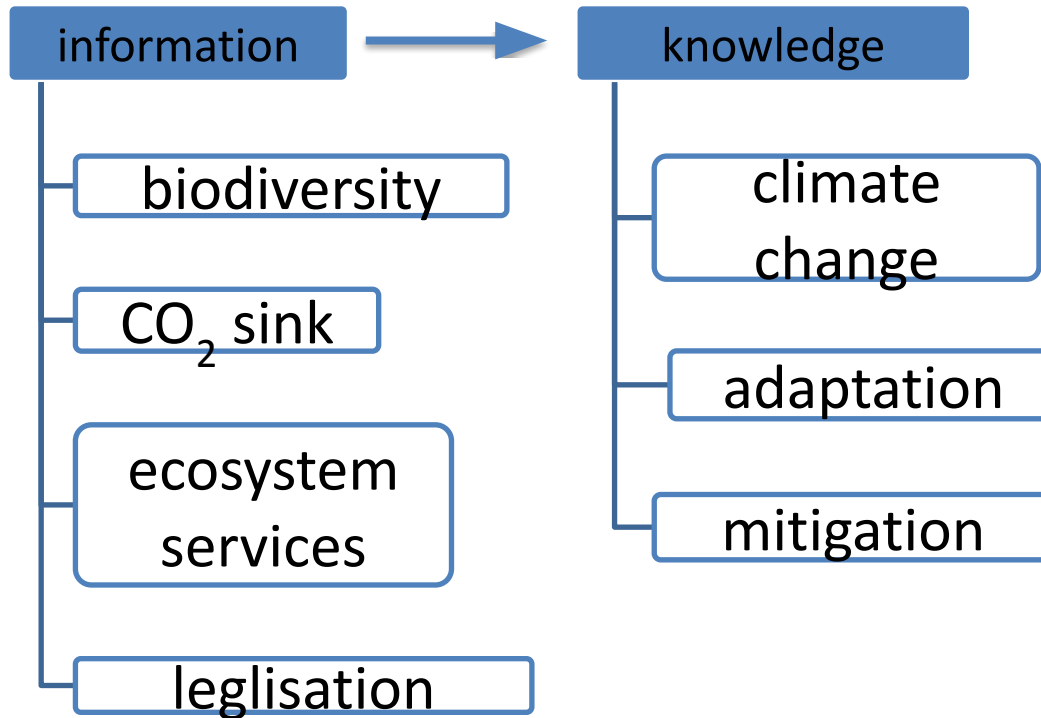
Submeasure 16.5: Support for joint action for climate change mitigation or adaptation and for a joint approach to environmental projects and common environmental practice for EIP projects

WHY?

Poor or no implementation of measures, contributing to CC adaptation and mitigation, as well as green transition!



SOLUTION:



The **main goal of the project is** to **improve the competence** of agricultural holdings in the field of adaptation to climate change and, with the help of a **digital application** developed on the basis of the **concept of ecosystem services**, it promotes the planning and implementation of measures for mitigation and adaptation to climate change in practice at the level of agricultural holdings.

RESULT 1:

HTTPS://WWW.GEOPEDIA.WORLD/#T405 X1593100.5435196427 Y5714890.856769487 S11 B2345

The screenshot displays the Geopedia World web application interface. The top navigation bar includes 'INFO', 'CONTENT', 'PERSONAL', and 'RESULTS'. The main content area is titled 'Ekosistemske storitve' (Ecological Services) and contains a list of layers with checkboxes and icons. The map on the right shows a geographical area with various colored overlays representing different ecological services. The sidebar on the left lists the following layers:

- ZGS
- Gozdni sestoji (EIP, BC Naklo)
- Sestoji - druga gozdna zemljišča (EIP, BC Naklo)
- Varovalni gozdovi (EIP, BC Naklo)
- Požarno ogroženi gozdovi (EIP, BC Naklo)
- Gozdnogospodarske enote
- Gozdnogospodarska območja
- Površine v zaraščanju (EIP, BC Naklo)
- Odseki (EIP, BC Naklo)
- Odseki - gozdni (EIP, BC Naklo)
- Krčitve gozdov (EIP, BC Naklo)
- Gozdni rezervati
- Gozdne ceste
- Členitev gozdnega prostora (EIP, BC Naklo)
- MKGP
- GERK
- Raba
- ARSO
- Natura 2000
 - Zavarovana območja - točke (veljavno)
 - Zavarovana območja - poligoni (veljavno)
 - Zavarovana območja - conacija (veljavno)
 - Naravne vrednote - točke (veljavno)
 - Naravne vrednote - poligoni (veljavno)
 - Naravne vrednote - jame (veljavno)
 - Ekološko pomembna območja (veljavno)
 - Ekološko pomembna območja - jame (veljavno)
 - Življenski prostor rjavega medveda
- ZRSVN
 - Posebni travniški habitati
 - Traviški habitati metuljev
 - Ptice ekstenzivnih travnikov

The map shows the Trieste region with various colored overlays representing different ecological services. The sidebar on the left lists the following layers:

- Zemljepisna imena
- REZI 1M
- REZI 250k
- REZI 25k
- Načrtovanje ekosistemskih storitev
 - Gozdna pot
 - Vplivno območje gozdne poti
 - Nariši parcele
 - Predviden posek
 - Nariši parcele (ki se ne stikajo)
- Poti
 - Planinske poti (GURS)
 - Poti (OpenStreetMap)
- GURS
 - Katastrske občine
 - Parcele (partneriji)
 - Parcele (BC Naklo)
 - Parcele
- DOPPS
 - Zaplate neopajanih tal za poljskega škjaranca
 - Kosec (končni)
 - Kosec (obdelani)
- Funkcije gozdov 1. stopnje - ZGS
 - Ohranjanje biotske raznovrstnosti
 - Estetska funkcija
 - Raziskovalna funkcija
 - Varovanje kulturne dediščine
 - Varovanje naravnih vrednot (Naravne vrednote regija)
 - Poučna funkcija
 - Rekreativna funkcija
 - Varovanje gozdnih zemljišč (Varovalna regija)
 - Turistična funkcija



RESULT 2:

In the project, an algorithm was developed that uses data from the forestry databases and calculates, based on the piece of land and % of cutting one wants to do, what will the impact be on carbon sequestration in connecting to CO2 prices set by the EIB.

Possible future financial compensation for carbon sequestration would mean forestry owners would have to reconsider what cutting down forest means for their business/farm.

