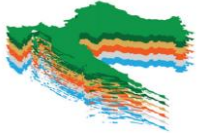




REPUBLIKA HRVATSKA
Ministarstvo gospodarstva
i održivog razvoja



LIFE CROLIS



LIFE CROLIS

Presentation of the project

Domagoj Stjepan Krnjak, project manager

3rd October 2023

NATIONAL AND UNIVERSITY LIBRARY IN ZAGREB

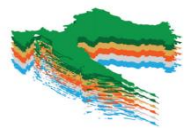


AGENCIJA ZA
PLAĆANJA U
POLJOPRIVREDI,
RIBARSTVU I
RURALNOM
RAZVOJU



REPUBLIKA HRVATSKA
Državna geodetska uprava

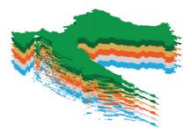




LIFE CROLIS

- Duration of the project:
 - **1.10.2020. – 30.4.2024.**
- Total value:
 - **€ 6.248.735**
- EU co – financing:
 - **€ 2.588.207**
- Beneficiary coordinator:
 - **Ministry of Economy and Sustainable Development of the Republic of Croatia**
- Partners:
 - **Agency for Payments in Agriculture, Fisheries and Rural Development**
 - **State Geodetic Administration**
 - **Croatian Forests d.o.o.**
 - **Ekonerg d.o.o.**
- Croatian co - financing:
 - **The Environmental Protection and Energy Efficiency Fund**

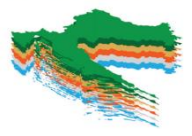




Main objectives of the LIFE CROLIS project

- The four main objectives of the CROLIS project are:
 - development and establishment of the first multiple and multi-purpose land monitoring system in the Republic of Croatia,
 - application of data from CROLIS for reporting and calculation of GHG emissions and sinks from the LULUCF sector in accordance with the requirements of international and EU legislation and for fulfilling other reporting obligations in accordance with international and EU legislation
 - enabling and ensuring the conditions for national authorities, decision-makers, experts, scientists, NGOs and other stakeholders to implement and use the CROLIS system on an ongoing basis, and
 - provide a sustainable basis for planning and implementing climate change mitigation activities through reducing emissions and increasing greenhouse gas sinks in the Land Use, Land Use Change and Forestry (LULUCF) sector.





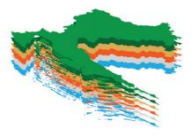
Organisation structure

- Project Working Team
- Project Steering Committee
- Project Management Board
- Project Advisory Board
- ----
- Monitoring expert – ELMEN EEIG Consortium- Monitoring LIFE Projects and Communicating about the LIFE Programme
- Project officer at CINEA (on behalf of EC)

Project working team

- Project Manager (PM)
- Financial Manager (FM)
- Project Communications Officer (PCO)
- Project administration officer (PAO)





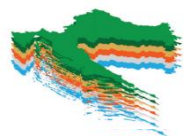
Steering Committee

- Political level representatives of the beneficiaries
- Supervision of the project actions and implementation of the CROLIS Government Decision and CROLIS ACTION Plan
- Steering Committee established under the CROLIS lifetime will continue to work in a period of at least next 3 years after the project ends
- Steering Committee will ensure that the objectives of this project are continued through enforcement of CROLIS Government Decision, CROLIS Action plan and AfterLIFE plan

Management Board

- Project Management Board (PMB) consists of leading experts of all Associated Beneficiaries (1 leading expert/institution)
- The PMB members discuss technical issues and provide guidelines to the PM on possible technical solutions securing that all CROLIS Actions and Sub-actions are implemented on time.
- The PMB is responsible for all decisions within the frame of the project.
- Approved minutes from meetings include a list of recommendations and conclusions with the due dates. Approved minutes are followed by a short report that is sent to the PMB members a few days before the next meeting.

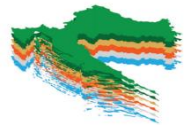




Project Advisory Board

- Advises, recommends tips and exchange of good practices during development of the CROLIS,
- Helps and advises in developing the AfterLIFE plan to secure sustainability of the CROLIS after the project completion.
- Specified activities of the PAB Members:
 - Providing an objective overview of project progress, providing technical and programmatic advice to the project manager and project team, and improving the quality and consistency of the CROLIS system development program throughout the project organization.
 - Providing technical advice and guidance on the implementation of specific activities within each action, and in particular finding solutions to problems expected during technical work on the interpretation of orthophotos or satellite images or the development of the CROLIS database.





Project CROLIS – Actions (1)

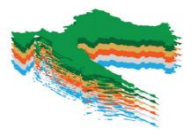
- **Action A – Preparatory actions**

- A1 - Project establishment
- A2 - Purchase of the IT equipment for CROLIS relevant institutions
- A3 - Hiring of new persons for the CROLIS implementation
- A4 - Issuing the Government decision which defines roles of institutions in the CROLIS implementation

- **Action C – Implementation actions**

- C1 - CROLIS data concept & model
- C2 - Sample based system for historic LC and LU
- C3 - Mapping of LC and LU (wall-to-wall mapping) for the establishment of land monitoring system
- C4 - CROLIS Database & Service implementation
- C5 - Capacity building for CROLIS reporting
- C6 - Sustainability of CROLIS

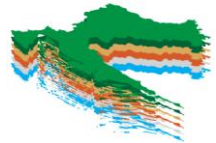




Project CROLIS – Actions (2)

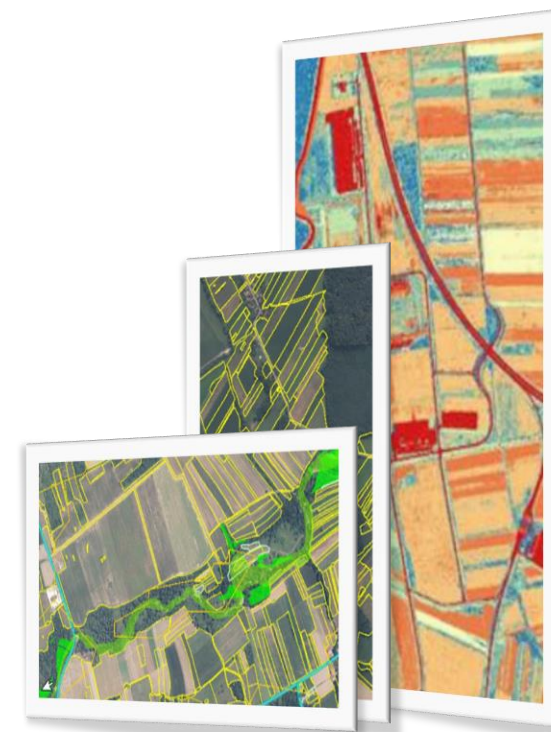
- **Action D – Monitoring of the impact of the project actions**
 - D1 - Monitoring and measurement of the performance indicators
 - D2 - Monitoring of the project socio-economic impact
- **Action E – Communication and dissemination of results**
 - E1 - Dissemination of results
 - E2 - Networking with other projects
- **Action F – Project management**
 - F1 - Overall project management
 - F2 - Audit
 - F3 - AfterLife Plan

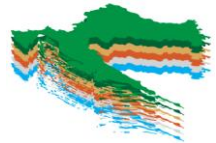




Partenrs on the Project

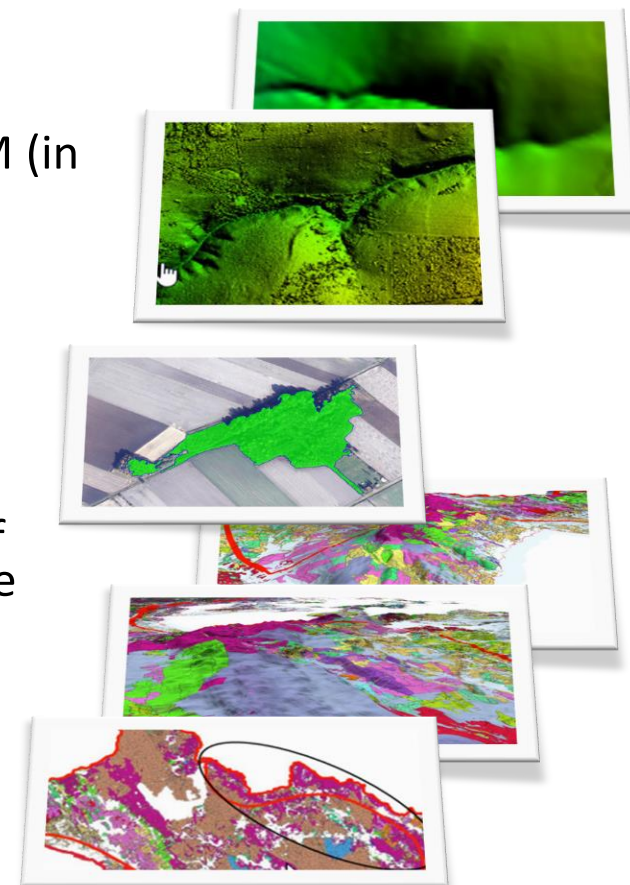
- Ministry of Economy and Sustainable Development
 - Directorate for climate policy
 - Procurement of IT equipment and software
 - Project management
 - Legislative framework with reporting and setting of minimum requirements for the success of the basic purpose of the project - calculation of removal from the LULUCF sector
 - Institute for Environmental and Nature Protection
 - Collection and processing of necessary data about users and system requirements
- Agency for payments in agriculture, fisheries and rural development
 - Preparation of documents for the procurement of IT equipment and software
 - Developemnt, management of the CROLIS system
 - Ensuring the personnel and technical capacities necessary for the application of the system
 - Maintenance and improvement of CROLIS

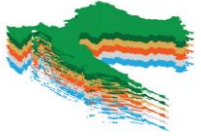




Partners on the Project

- State Geodetic Administration
 - Acquisition of spatial data (NIPP, TTB)
 - Creation of nDSM (normalized Digital Surface Model) from existing DSM/DTM (in cooperation with MORH)
 - Setting the conditions for long-term improvement of DSM/DTM/nDSM
- EKONERG d.o.o.
 - Authorized person for creating the inventory of greenhouse gases for the Republic of Croatia
 - Creation of data models for LC and LU (Data Cube)
 - Implementation of key activities on the project - creation and coordination of classes for reporting, review and selection of relevant data and maps, satellite images, creation of models...
 - Assistance in capacity building and training
- Hrvatske šume d.o.o.
 - Training for the interpretation of collected data on forests
 - Quality control





Thank you for
your attention!!!

