

# GECO2 TRAINING SESSIONS

WP 4 Pilot project implementation

4.4 Collateral training activities

Report

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	<b>ARPAE</b>
<b>Deliverable:</b>	<b>Reports on Training events</b>

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# TRAINING SESSION FOR FARMERS Emilia-Romagna region

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<b>Deliverable:</b>	<b>Report on Training event for farmers</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>31/12/2021</b>
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<b>Editor:</b>	Elena Zannoni, Matteo Marchi, Marilena Raule		
<b>Contributors:</b>			



## Summary

On Wednesday, September 8, the GECO2 project has been presented to farmers at Macfrut, the international Fruit&Veg Professional exhibition held in Rimini (Italy). The event was hosted at the Apofruit stand. The event has been an important opportunity to meet producers and professionals operating nationally and internationally in the fruit and vegetable sector and illustrate the voluntary carbon credit market that the project is testing. The event was also attended by the Emilia-Romagna Regional Councillor for Agriculture, Alessio Mammi.

The event could also be attended remotely on the Zoom platform.

The aim of the event was to present to a wide audience of farmers the opportunities of the GECO2 project and, in particular, the opportunities arising from sustainable and resilient agriculture and the application of carbon management techniques and principles.

54 representatives of farms, cooperative associations and journalists participated in presence and online. The video of the event had more than 100 views online.

The president of Apofruit, Mirco Zanotti opened the event. Thereafter, GECO2 pm, Antonio Cinti, presented the general framework of the project. Alberto Aldini, agronomic technician at Apofruit, showed the first results of the pilot phase. A round table followed, entitled "Agriculture in the front line against climate change, the role of agri-food cooperation". The panelists were Ernesto Fornari, General Manager of Apofruit Italia; Cristian Maretti, President of Legacoop Agroalimentare Italy; Vincenzo Verrastro, Scientific Administrator at CIHEAM Mediterranean Agronomic Institute in Bari, Matteo Marchi, Agri-food Manager of Legacoop Romagna, and Antonio Volta, Data Scientist of Arpa Emilia-Romagna. The Emilia-Romagna Regional Councillor for Agriculture, Alessio Mammi, gave the closing keynote speech. The event was moderated by journalist Emilio Gelosi, communication manager of GECO2.

During the event the project video was officially presented. The animated video explains in a quick and simple way the concepts behind the GECO2 project. Edited in three languages - English, Italian and Croatian - the cartoon tells in 90 seconds what is the purpose of the project, aimed at creating a new carbon market dedicated to farmers.

The complete footage of the event is available here:

<https://www.youtube.com/watch?v=zfbqrV88o-M>

## Agenda

### **Greetings and introduction**

Mirco Zanotti - Chairman Apofruit

### **Projection of the video "The project GECO2"**

### **Presentation of the results of the first part of the project**

Antonio Cinti - Project Manager GECO2

### **Apofruit's participation in the GECO2 project**

Alberto Aldini - Apofruit Italia technical agronomist

### ***Round table "Agriculture in the front line against climate change, the role of agro-food cooperation"***

Ernesto Fornari - General Manager Apofruit Italia

Vincenzo Verrastro - Scientific Director and Head of CIHEAM Bari

Matteo Marchi - Agro-food Manager Legacoop Romagna

Antonio Volta - Data Scientist ARPAE Emilia-Romagna

Cristian Maretti - President of Legacoop Agroalimentare

Moderator: Emilio Gelosi – journalist and communication manager of GECO2

### **Conclusions**

Alessio Mammi - Councillor for Agriculture Emilia-Romagna

## Minutes

Farmers are in the forefront against climate change: this is what emerged from the presentation of the project GECO2 at the training event for farmers held at Macfrut international fair.

The large-scale fruit and vegetable co-operative is part of the experimentation, since it supplies the know-how of technicians and members, explained in his opening speech the president Mirco Zanotti, accompanied by agronomist Alberto Aldini.

Antonio Cinti explained the GECO2's purpose to build a voluntary market of carbon credits aimed at the fruit and vegetable sector. Thanks to new and more sustainable farming practises – this is the idea – it is possible to offset a part of greenhouse gas emissions, through the capture and storage of CO<sub>2</sub> in soil and biomass.

These farmers' assets can be valued and the resulting credits sold to other companies interested in achieving carbon neutrality and environmental labelling for their products.

«If a farmer could measure and value his CO<sub>2</sub> storage activities he would be encouraged to support increasingly the fight against climate change», project manager Antonio Cinti had explained in his speech. «Processing companies would become more aware about their emissions and could exploit credits as a marketing lever to increase the added value of their products. Finally, local communities could enjoy better environmental conditions and the availability of more eco-friendly products, both fresh and processed. We expect a win-win situation».

During the technical presentation Aldini explained how soil, be it agricultural or natural, is a formidable tank of carbon in the planet.

Alternative agriculture, of which organic agriculture is the best known, bases its entire philosophy on optimising the carbon cycle in the soil. So-called conventional agriculture, on the contrary, through the continuous and inconsiderate working of the soil and the use of biocides, has caused in its short life an enormous consumption of organic substance with the re-emission into the atmosphere of the carbon that had accumulated in the soil.

The adoption of practices that allow the decrease of carbon in the atmosphere with its storage in the soil is not a cost or a practice that forces farmers to make sacrifices as in other sectors, but it is a practice that goes to improve the agricultural activity through the improvement of production, the reduction of plant diseases, the reduction of the use of chemical fertilizers for the production of which it is necessary to consume huge amounts of energy and, therefore, with high CO<sub>2</sub> emissions in the atmosphere, the nutritional improvement of the products.

The round table titled “Agriculture in the forefront against climate change, the role of agri-food co-operation” raised an animated debate. Speakers included Ernesto Fornari, general manager of Apofruit Italia, Cristian Maretti, president of Legacoop Agroalimentare Italy, Vincenzo Verrastro, scientific administrator of CIHEAM Bari, Matteo Marchi, agriculture manager of Legacoop Romagna and Antonio Volta, data scientist at Arpae Emilia-Romagna.

According to Ernesto Fornari, general manager of Apofruit: «GECO2 is an interesting and innovative project, which goes along perfectly with the policies Apofruit has been pursuing and trying to encourage since the very beginning. It is crucial to explain the perspectives of this project and how some farming practises can help soil to regenerate and fight climate change, using practises that not only benefit the environment, but even consumers and the whole supply chain».

Cristian Maretti, president of Legacoop Agroalimentare, holds the same opinion: «We are confident that co-operatives will consider deeply the purchase of carbon credits. It will be essential to engage the whole supply chain together with the consumers, in order to sustain the project and give it a leg up».

«Agriculture is being called upon to play its part in the fight against climate change, therefore agricultural and industrial co-operation shall act first », concluded Matteo Marchi, agri-food manager of Legacoop Romagna.

In his conclusions Councilor Mammi highlighted that the project reinforces the interest of the agricultural supply chain in fighting climate change and the many actions taken accordingly. Sustainability and productivity will keep walking together as long as investments on technology will be sustained, giving businesses and farmers the economic, strategic and research tools they need to mitigate the climatic emergency. Just like the GECO2 project intends to do.

## Event Photos



*Photo 1 Audience*



*Photo 2 The GECO2 video*



*Photo 3 Project manager Antonio Cinti and Communication manager Emilio Gelosi*



*Photo 2 Aldini presents projects results*



*Photo 3 The roundtable*





*Photo 4 Regional Counsellor Alessio Mammi*

## Event follow-up

The event was published in several local media:

News Outlet	Type	Issue	Title
<b>Ravennanotizie.it</b>	Web daily newspaper	<i>1 /9/2021</i>	Lotta ai cambiamenti climatici, il progetto GECO2 si presenta a Macfrut
<b>Greenplanner.it</b>	Technical web magazine	<i>7/9/2021</i>	Gli agricoltori in prima fila per la lotta contro il cambiamento climatico
<b>Corriere Romagna</b>	Daily newspaper	<i>10/9/2021</i>	Agricoltori in prima linea contro I cambiamenti climatici cedendo I crediti di carbonio
<b>La Romagna Cooperativa</b>	Monthly magazine	<i>9/2021</i>	Agricoltori in prima fila per il clima
<b>Secondamano.it</b>	Website	<i>9/9/2021</i>	Lotta ai cambiamenti climatici, il progetto Geco2 si presenta al Macfrut di Rimini
<b>Indexfood.it</b>	Food web magazine	<i>9/9/2021</i>	Apofruit presenta il progetto Geco2 al Macfrut
<b>Italiafruit.net</b>	Agrifood web magazine	<i>10/9/2021</i>	Cambiamento climatico, Apofruit ha un nuovo progetto
<b>Corriereortofrutticolo.it</b>	Agrifood news magazine	<i>9/9/2021</i>	GECO2, Agricoltori (e Apofruit) in prima linea contro il cambiamento climatico
<b>Distribuzionemoderna.info</b>	Technical web magazine	<i>13/9/2021</i>	Agricoltori in prima fila per il clima: il progetto Geco2 presentato allo stand di Apofruit al Macfrut

# TRAINING SESSION FOR SMEs

## Emilia-Romagna region

WP 4 Pilot project implementation

4.4 Collateral training activities

Report

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
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<b>Phase Leader:</b>	<b>ARPAE</b>
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<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>31/12/2021</b>
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<b>Editor:</b>	<b>Elena Zannoni, Matteo Marchi, Marilena Raule</b>		
<b>Contributors:</b>			

## Summary

On december 17, 2021 the Geco2 project held the seminar "The evolution of the carbon credit market. Tools and opportunities", in order to present to emitters and potential carbon credits buyers the potentiality of the voluntary carbon GECO2 pilot market.

The seminar was specifically targeted to companies in the agri-food processing, manufacturing and service sectors with the aim of raising business awareness of environmental and climate change issues and promoting the participation in the voluntary carbon credit market.

How does a carbon credit market contribute to the fight against climate change? What are the actions in Italy and Europe? How to measure effectively the impact on climate change of products and organizations? These are some of the questions that were answered in the seminar with the help of some of the leading Italian experts in the field.

The seminar was held online on Zoom.

The seminar was attended by 63 **participants**. At least 16 companies were present along with representatives of co-operative associations. The video of the event had more than 100 views online.

The first to speak, after greetings from the head of Agri-food of Legacoop Romagna, Matteo Marchi, was Leonardo Marotta, an expert from Entropia, a firm that deals with environmental analysis and assessment, land use planning, sustainability analysis and environmental consultancy. Marotta discussed the evolution of carbon credit markets, the characteristics of a voluntary market and the role it can play in the agricultural sector.

Silvia Coderoni, a researcher at the Università Cattolica del Sacro Cuore, took stock of the European Carbon Farming initiative for carbon sequestration in agricultural soils, through which the European Commission intends to develop and reward nature-based solutions that remove carbon from the atmosphere and can help the EU achieve climate neutrality.

Roberto Buonamici, from EcoInnovazione - an ENEA research spin-off that develops eco-design, sustainability analysis and circular economy solutions for the public and private sectors - presented measures and tools for assessing the carbon footprint of companies. Then Antonio Cinti, project manager of Geco2, presented the project and the pilot market.



Finally, Marta Mancin from the environmental consulting firm Aequilibria addressed the best ways to communicate the carbon footprint, i.e. the impact of products and organisations on the climate. Mancin replaced Daniele Pernigotti in the programme. Pernigotti represents Italy in several international technical forums related to climate change and is coordinator of the ISO working group dedicated to the development of the standard on product carbon footprint.

The conclusions were presented by the president of Legacoop Agroalimentare, Cristian Maretti. The work was coordinated by Emilio Gelosi, journalist and Communication manager of GECO2.

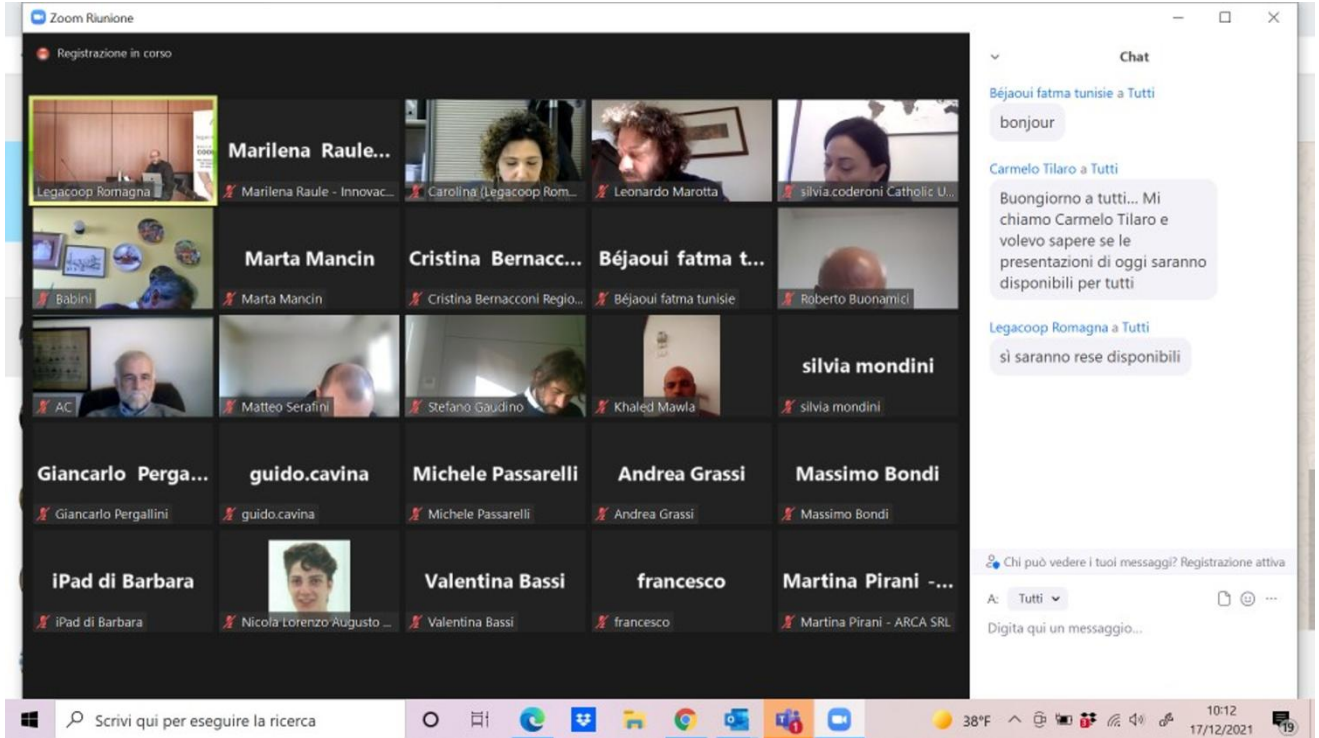
The complete footage of the event is available here:

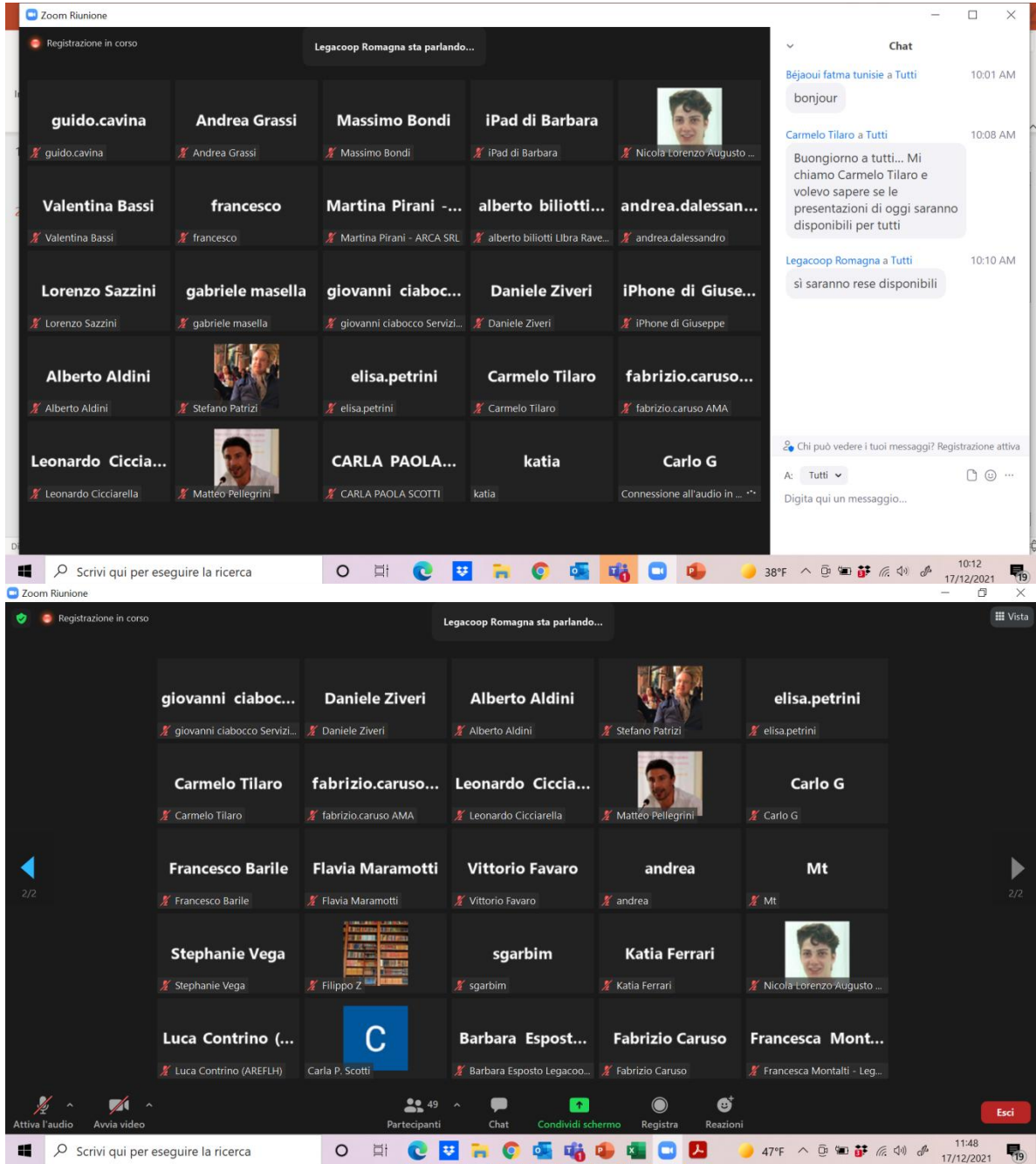
<https://www.youtube.com/watch?v=TE661-k77Sw>

The materials presented by the experts can be found at the following link:

<https://legacoopromagna.it/2021/12/21/evoluzione-del-mercato-dei-crediti-di-carbonio-video-e-materiali/>

Screenshots of the event





The image shows two screenshots of a Zoom meeting. The top screenshot displays a grid of 25 participants in a 5x5 layout. The chat window on the right shows messages from 'Béjaoui fatma tunisie a Tutti' (10:01 AM) with the text 'bonjour', and 'Carmelo Tilaro a Tutti' (10:08 AM) with the text 'Buongiorno a tutti... Mi chiamo Carmelo Tilaro e volevo sapere se le presentazioni di oggi saranno disponibili per tutti'. A third message from 'Legacoop Romagna a Tutti' (10:10 AM) says 'si saranno rese disponibili'. The bottom screenshot shows a larger grid of 25 participants in a 5x5 layout, with the chat window closed. The Zoom interface includes a search bar at the top, a toolbar at the bottom with icons for audio, video, chat, and screen sharing, and a system tray at the very bottom showing the time as 11:48 on 17/12/2021.



Zoom Riunione

Registrazione in corso



**L'iniziativa  
"Carbon Farming EU".  
A che punto siamo?  
Ci siamo!**

Silvia Coderoni  
Università Cattolica del Sacro Cuore  
Webinar Progetto GECO2  
«L'EVOLUZIONE DEL MERCATO DEI CREDITI DI CARBONIO  
STRUMENTI E OPPORTUNITÀ»  
Online, 17/12/2021

silvia.coderoni Catholic University of S...

venerdì 17 dicembre 2021

10:37  
17/12/2021

42°F

Scrive qui per eseguire la ricerca

## Invitation and agenda



 **Interreg**  
Italy - Croatia  
GECO2

  
EUROPEAN UNION

L'EVOLUZIONE DEL MERCATO  
DEI CREDITI DI CARBONIO  
**STRUMENTI E OPPORTUNITÀ**

INVITO  
17.12.2021 | h 10,00  
WEBINAR ONLINE

 **arpae**  
emilia-romagna

 **legacoopromagna**  
DALLA TERRA DELLE COOPERATIVE

in collaborazione con  
**INNOVA**  
**COOP** sviluppo  
cooperativo

## PROGRAMMA

**10:00** *Saluti iniziali*

**MATTEO MARCHI**

Responsabile Agroalimentare Legacoop Romagna

**10:15** *L'evoluzione dei mercati dei crediti di carbonio.  
Il mercato volontario, caratteristiche  
e il ruolo del settore agricolo*

**LEONARDO MAROTTA**

Consulente tecnico GECO2

**10:35** *L'iniziativa "Carbon Farming EU". A che punto siamo?*

**SILVIA CODERONI**

Università Cattolica del Sacro Cuore

**10:55** *Misure e strumenti per la valutazione  
dell'impronta carbonica nelle aziende*

**ROBERTO BUONAMICI**

Ecoinnovazione

**11:15** *La sperimentazione di un mercato  
volontario del progetto GECO2*

**ANTONIO CINTI**

Project manager GECO2

**11:30** *Carbon footprint, comunicare l'impatto  
dei prodotti e delle organizzazioni sul clima*

**DANIELE PERNIGOTTI**

Aequilibria

**11:50** *Q&A*

**12:00** *Conclusioni*

**CRISTIAN MARETTI**

Presidente Legacoop Agroalimentare

# TRAINING SESSION FOR PAs

## Emilia-Romagna Region

WP 4 Pilot project implementation

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Report

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<b>Phase Leader:</b>	ARPAE
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<b>Editor:</b>	Antonio Cinti		
<b>Contributors:</b>	Giulia Villani, Antonio Volta, Cinzia Alessandrini		

## Summary

In order to ease the dissemination and sharing of the GECO2 project results, ARPAE decided to organize the last 4.4 collateral training event, devoted to PAs, directly involving the Department of Agriculture, Hunting and Fisheries of the Emilia-Romagna Region. The conference "The new challenges of agriculture: the storage of carbon in soils" was held on Monday, May 30, 2012, at the Hall "20 May 2012" of the Region. Moderated by Dr. Valtiero Mazzotti, Director General of Agriculture, Hunting and Fishing Region Emilia-Romagna and by Dr. Carlo Cacciamani, Director of the National Agency of Meteorology and Climatology "ItaliaMeteo" has seen the presence of numerous scholars and experts in the field including Dr. Antonio Volta of ARPAE, Prof. Riccardo Valentini, already in the panel winner of the "Nobel Prize for Peace" in 2007 for studies on climate change, Giuseppe Piacentini, Head of the Forest Police Unit of the National Park of the Tuscan-Emiliani Apennines, Dr. Giuseppe Corti, of the Directorate for Agriculture Research of the Council on the agricultural economy of MIPAAF. The conclusions were held by Prof. Giorgio Cantelli Forti, president of the National Academy of Agriculture. And this is what emerged during the meeting. Initially, Mr. Volta presented the GECO2 project underlining its interesting results and its relationship with regional policies earmarked to increase carbon in soil. In particular, he presented the original tools developed by the project: calculators for CO<sub>2</sub>e credits sellers and buyers, and the market platform/registry. These tools can be a basis for the development of a local carbon market and to set up a regional CO<sub>2</sub>e emissions/sequestration monitoring center. The other rapporteurs pointed out that, since the 1960s, in Europe and Italy,

a slow decline in the quality of agricultural soil began with the introduction of the method of "artificial soil fertilization" by chemical fertilization, which progressively limited organic fertilization, leading to a deterioration in the stability of soil structure, evidenced today by a substantial decrease in the organic carbon content and easy dispersion of the main nutrients for the plants. In developing the Farm to Fork strategy for a fair, healthy and environmentally friendly agrifood system, the EU calls for a substantial reduction of pesticides (50%), chemical fertilizers (20%) and antimicrobial substances (50%) by 2030, while limiting at least 50% of nutrient losses, in particular organic carbon. Restoring soil fertility means, as a matter of priority, restoring soil structure through the application of good agricultural practices and the systematic and rational supply of organic materials available for the activity of micro-organisms. Furthermore, the rapporteurs stressed the fact that soil, being a living and natural matter, needs suitable material and long periods of settling of substances.

The focus should therefore be on organic soil improvers such as manure, compost and animal slurry, due to their wealth in organic matter, the stable fraction of which contributes to the formation of humus, which in turn improves soil characteristics.

## Agenda

# Le nuove sfide dell'agricoltura: lo stoccaggio del carbonio nei suoli



Lunedì 30 Maggio 2022 - ore 9,00

Aula Magna Regione Emilia-Romagna  
Viale Aldo Moro 30 - Bologna

*Evento nell'ambito del Ciclo di iniziative formative per tecnici e agricoltori*



## Programma

### Saluti

**Alessio Mammi**

*Assessore all'Agricoltura e agroalimentare, caccia e pesca, Regione Emilia-Romagna*

### Conducono e moderano

**Valtiero Mazzotti**

*Direzione Generale Agricoltura e agroalimentare, caccia e pesca, Regione Emilia-Romagna*

**Carlo Cacciamani**

*Direzione Agenzia Nazionale per la Meteorologia e la Climatologia «ItaliaMeteo»*

### Comunicazioni

**Il ruolo attribuito alla risorsa suolo dall'attuale politica agricola comunitaria e dall'European Climate Change Programme**

**Riccardo Valentini**

*Direzione Centro euro-Mediterraneo sui cambiamenti climatici, Università della Tuscia*

**L'influenza della sostanza organica sulle proprietà dei suoli**

**Giuseppe Corti**

*Direzione Consiglio per la Ricerca in Agricoltura e l'Analisi dell'Economia Agraria, MIFAAF*

**L'efficacia delle diverse matrici organiche nell'incrementare il contenuto di sostanza organica stabile**

**Claudio Ciavatta**

*Dipartimento Scienze e Tecnologie Agro-Alimentari, Università di Bologna*

**Il ruolo delle colture permanenti (prati e arboree) e delle foreste nel sequestro della CO<sub>2</sub> e nell'incremento della sostanza organica**

**Giuseppe Piacentini**

*Comando Reparto Carabinieri Parco Nazionale Appennino Tosco-Emiliano*

**L'evoluzione del contenuto di sostanza organica in funzione di differenti scenari gestionali, pedologici e climatici**

**Eleonora Bonifacio**

*Dipartimento di Scienze Agrarie, Forestali e Alimentari, Università di Torino*

**Le nuove opportunità derivanti dal regolamento LULUCF dell'UE e dal mercato dei crediti di carbonio**

**Livia Vittori Antisari**

*Dipartimento di Scienze e Tecnologie Agro-Alimentari, Università di Bologna*

**Sperimentazione di un mercato volontario di crediti di carbonio: il progetto GECO2**

**Cinzia Alessandrini**

**Giulia Villani**

**Antonio Volta**

*Osservatorio Clima, Arpa Emilia Romagna*

### Interventi e Discussione

### Conclusioni

**Giorgio Cantelli Forti**

*Presidente Accademia Nazionale Agricoltura*

## Pictures of the event





# TRAINING SESSION FOR FARMERS Molise Region

WP 4 Pilot project implementation  
Activity 4.Collateral Training Activities  
Report

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral Training Activities</b>
<b>Phase Leader:</b>	ARPAE
<b>Deliverable:</b>	Report on training session 1 by Regione Molise

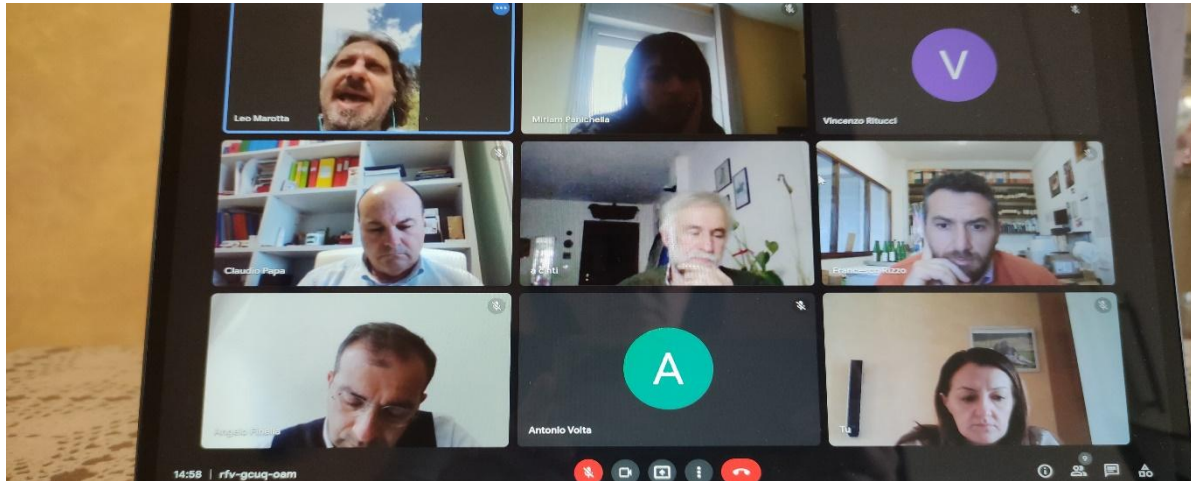
<b>Version:</b>	Final	<b>Date:</b>	19/04/2022
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<b>Responsible Partner:</b>	Regione Molise		
<b>Editor:</b>			
<b>Contributors:</b>			

## Report

The first collateral training was organized on April 19, 2022 via online at the following link: <https://meet.google.com/rfv-gcuq-oam> and was addressed to all the farmers of the Molise Region. During the event, 11 participants have joined the meeting.

The workshop has been opened by Mrs Miriam Panichella, Project Manager of GECO2, who has introduced the GECO2 project. After this exhaustive and detailed presentation, Mr Manuel Matteo, an environmental consultant who belongs to the Forest Lab Agro-forestry technical study, has focused his speech on the themes of regenerative agriculture, risk reduction, adaptation and mitigation practices. Finally, the workshop has been concluded by a round table involving the farmers who were present at the meeting on a discussion on the themes of regenerative and resilient agriculture, climate change adaptation and mitigation issues, and carbon management principles and techniques.

## Pictures of the meeting



# TRAINING SESSION FOR SMEs

## Molise Region

WP 4 Pilot project implementation  
Activity 4.Collateral Training Activities  
Report



<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral Training Activities</b>
<b>Phase Leader:</b>	ARPAE
<b>Deliverable:</b>	Report on training session 2 by Regione Molise

<b>Version:</b>	Final	<b>Date:</b>	27/04/2022
<b>Availability:</b>	Public		
<b>Responsible Partner:</b>	Regione Molise		
<b>Editor:</b>			
<b>Contributors:</b>			

## Minutes

The second collateral training was organized on April 27, 2022 via online at the following link: <https://meet.google.com/rfv-gcuq-oam> and was addressed to all the industrial and services managers - buyers of the Molise Region. During the event, 9 participants have joined the meeting.

The workshop has been opened by Mr Antonio Cinti, Project Manager of GECO2 project, who has introduced the GECO2 project. After this exhaustive and detailed presentation, Mr Leonardo Marotta has explained in detail the mechanism for the sale and purchase of credits. Finally, the event has been concluded with a round table involving all the participants and the speakers at the initiative through which they had the possibility to improve their awareness about the key argumentation: purchase and sale of credits.

## Pictures of the meeting



# TRAINING SESSION PAs Molise Region

WP 4 Pilot project implementation  
Activity 4.Collateral Training Activities

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral Training Activities</b>
<b>Phase Leader:</b>	<b>ARPAE</b>
<b>Deliverable:</b>	<b>Report on 1. Training session by Regione Molise</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>31/05/2022</b>
<b>Availability:</b>	<b>Public</b>		
<b>Responsible Partner:</b>	<b>Regione Molise</b>		
<b>Editor:</b>			
<b>Contributors:</b>			

## Report

The third collateral training was organized in a face to face meeting on May 31, 2022 in Campobasso, at the Conference room of the ARSARP - Agenzia Regionale per lo Sviluppo Agricolo, Rurale e della Pesca, located in Gianbattista Vico street, n.4.

During the event, 12 participants have joined the meeting. The training activity was mainly addressed to all the consultants and institutions of the Molise Region active in the field of agriculture. After the institutional greetings of Mr. Nicola Cavaliere, councilor for agriculture of the Molise Region, the event has proceeded with the speech of the Director of the Department II of the Molise Region, Mr Massimo Pillarella.

They have taken part in the initiative as a speaker Mr Carlo Marinelli and Mrs Miriam Panichella, project manager of the GECO2 project, as well as Mr Pierluigi Milone, responsible for technical assistance of the PSR of the Molise Region who has focused his attention on the future prospects of the carbon credit market, of which GECO2 represents a pilot experimentation, in the light of the future EU agricultural policies.

After that, the event has been joined by some agricultural entrepreneurs from Molise Region, who have presented their good practices, like Mr Claudio Papa, business owner of Dolceamaro and Netfruit Italia, who has shared with the participants his experience as an agricultural entrepreneur. The event has been joined by stakeholders interested in the theme, like representatives of Molise farmers' associations and representatives of agro technicians, agronomists, forestry doctors and agricultural experts.

## Pictures of the meeting



# TRAINING SESSION FOR FARMERS Marche Region

WP 4 Pilot project implementation  
Activity 4.4 Collateral training activities



<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	<b>ARPAE</b>
<b>Deliverable:</b>	<b>First training course in Marche pilot area</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>May 21, 2022</b>
<b>Availability:</b>	Public		
<b>Responsible Partner:</b>	Marche Region		
<b>Editor:</b>	Mauro Tiberi (RM), Eleonora Maldini		
<b>Contributors:</b>	Lucia Catalani (SVEM), Enrica Verducci (SVEM)		

## Minutes

During 2021, the Marche Region launched the pilot action of the GeCO2 project, together with the main regional producer organizations of fruit and vegetable sector and viticulture.

This phase represents the heart of the GECO2 Project and its correct execution guarantees the achievement of the objectives and the quality of the results.

The pilot project includes several phases of work:

- definition of cultivation practices and protocols consistent with the GECO2 purposes, adhering to the regional production context. Consistency of the type of farms chosen by the Marche Region in accordance with the GECO2 project;
- identification of hypotheses of cultivation practices and protocols considered to improve with respect to the increase of C in soils and the reduction of GHG emissions;
- field surveys with assessment procedure of the current content (state) of organic matter in the soil and data acquisition and calculation of the Co2 emission regime;
- Identification of cultivation practices and protocols deemed to improvement for each farm and recalculation of emissions and carbon stock with inclusion of improvement cultivation practices;
- definition of the contractual form model and of a computerized register for loading / unloading the C's credits;
- search for a series of issuing activities, interested in participating in the Marche Voluntary Market of the C's credits;
- marketing meeting between debtor and credit companies on the topic of "*assessment of credit needs and development of operations*".

The activities are carried out directly by internal structures of Marche Region with the support of an external company and have provided the direct involvement of a representative sample of agricultural and industrial enterprises and product organizations to which they are associated to.

To support the awareness-raising process towards eco-compatible farming practices and the promotion of a voluntary carbon credit market, the Marche Region organized the first collateral training meeting with agricultural companies and their interested associations, to support the farms involved in the field trials. The meeting took place in distance mode (by Teams) on the 28<sup>th</sup> of July 2021 in two different stages.

The first stage of the meeting was dedicated to introduce the works to the Representatives of the viticultural sector and it was attended by:

- 2 representatives of the sector;
- 2 external experts
- 4 Speakers

The second stage of the meeting was dedicated to introduce the works to the Representatives of the fruit sector and it was attended by:

- 3 representatives of the sector;
- 2 external experts
- 4 Speakers

Information can be found at the following link:

<https://www.regione.marche.it/Regione-Utile/Agricoltura-Sviluppo-Rurale-e-Pesca/Progetti-di-Cooperazione#Attivit%C3%A0-formative>

# TRAINING SESSION FOR FARMERS Marche Region

WP 4 Pilot project implementation  
Activity 4.4 Collateral training activities

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	ARPAE
<b>Deliverable:</b>	Second training course in Marche pilot area

<b>Version:</b>	Final	<b>Date:</b>	May 21, 2022
<b>Availability:</b>	Public		
<b>Responsible Partner:</b>	Marche Region		
<b>Editor:</b>	Mauro Tiberi (RM), Eleonora Maldini		
<b>Contributors:</b>	Lucia Catalani (SVEM), Enrica Verducci (SVEM)		

## Minutes

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The pilot project includes several phases of work:

- definition of cultivation practices and protocols consistent with the GECO2 purposes, adhering to the regional production context. Consistency of the type of farms chosen by the Marche Region in accordance with the GECO2 project;
- identification of hypotheses of cultivation practices and protocols considered to improve with respect to the increase of C in soils and the reduction of GHG emissions;
- field surveys with assessment procedure of the current content (state) of organic matter in the soil and data acquisition and calculation of the Co2 emission regime;
- Identification of cultivation practices and protocols deemed to improvement for each farm and recalculation of emissions and carbon stock with inclusion of improvement cultivation practices;
- definition of the contractual form model and of a computerized register for loading / unloading the C's credits;
- search for a series of issuing activities, interested in participating in the Marche Voluntary Market of the C's credits;
- marketing meeting between debtor and credit companies on the topic of *"assessment of credit needs and development of operations"*.

The activities are carried out directly by internal structures of Marche Region with the support of an external company and have provided the direct involvement of a representative sample of agricultural and industrial enterprises and product organizations to which they are associated to.

To support the awareness-raising process towards eco-compatible farming practices and the promotion of a voluntary carbon credit market, the Marche Region organized the second collateral training meeting with agricultural companies and their interested associations, to support the marketing meeting between debtor and creditor companies. The meeting took place in distance mode (by Teams) on the 14<sup>th</sup> of December 2021.

The meeting was dedicated to introduce the works carried out with the farms on the calculation of CO2 in the pilot area to the markets'actors, in particular it has been involved the Olive oil mill sector.

The meeting was attended by:

- 24 Stakeholders among the agricultural and market sectors
- 1 external experts
- 4 Speakers

Information can be found at the following link:

<https://www.regione.marche.it/Regione-Utile/Agricoltura-Sviluppo-Rurale-e-Pesca/Progetti-di-Cooperazione#Attivit%C3%A0-formative>

# TRAINING SESSION FOR SMEs

## Marche Region

WP 4 Pilot project implementation  
Activity 4.4 Collateral training activities



<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	<b>ARPAE</b>
<b>Deliverable:</b>	<b>Third training course in Marche pilot area</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>21/05/2022</b>
<b>Availability:</b>	<b>Public</b>		
<b>Responsible Partner:</b>	<b>Marche Region</b>		
<b>Editor:</b>	<b>Mauro Tiberi (RM), Eleonora Maldini</b>		
<b>Contributors:</b>	<b>Lucia Catalani (SVEM), Enrica Verducci (SVEM)</b>		

## Minutes

During 2021, the Marche Region launched the pilot action of the GeCO2 project, together with the main regional producer organizations of fruit and vegetable sector and viticulture.

This phase represents the heart of the GECO2 Project and its correct execution guarantees the achievement of the objectives and the quality of the results.

The pilot project includes several phases of work:

- definition of cultivation practices and protocols consistent with the GECO2 purposes, adhering to the regional production context. Consistency of the type of farms chosen by the Marche Region in accordance with the GECO2 project;
- identification of hypotheses of cultivation practices and protocols considered to improve with respect to the increase of C in soils and the reduction of GHG emissions;
- field surveys with assessment procedure of the current content (state) of organic matter in the soil and data acquisition and calculation of the Co2 emission regime;
- Identification of cultivation practices and protocols deemed to improvement for each farm and recalculation of emissions and carbon stock with inclusion of improvement cultivation practices;
- definition of the contractual form model and of a computerized register for loading / unloading the C's credits;
- search for a series of issuing activities, interested in participating in the Marche Voluntary Market of the C's credits;
- marketing meeting between debtor and credit companies on the topic of "*assessment of credit needs and development of operations*".

The activities are carried out directly by internal structures of Marche Region with the support of an external company and have provided the direct involvement of a representative sample of agricultural and industrial enterprises and product organizations to which they are associated to.

To support the awareness-raising process towards eco-compatible farming practices and the promotion of a voluntary carbon credit market, the Marche Region organized the third collateral training meeting with all the actors participating to the project deployment (WP 4.3) in Marche pilot area.

The meeting took place in distance mode (by Teams) on the 10<sup>th</sup> of March 2022.

The meeting was dedicated to sum up all the implementation stages, which characterized the pilot action



carried out in Marche region in the framework of the GECO2 project .

The meeting was attended by:

- 17 Stakeholders among the agricultural and market sectors
- 1 external experts
- 4 Speakers

Information can be found at the following link:

<https://www.regione.marche.it/Regione-Utile/Agricoltura-Sviluppo-Rurale-e-Pesca/Progetti-di-Cooperazione#Attivit%C3%A0-formative>

# TRAINING ACTIVITIES FOR FARMERS Apulia Region

WP 4 Pilot project implementation

Activity 4.4 Collateral Training Activities

Report

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral Training Activities</b>
<b>Phase Leader:</b>	<b>CIHEAM Bari</b>
<b>Deliverable:</b>	<b>Report n. 3 on Collateral Training activities by CIHEAM Bari</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>20/05/2022</b>
<b>Availability:</b>	<b>Public</b>		
<b>Responsible Partner:</b>	<b>CIHEAM Bari</b>		
<b>Editor:</b>	<b>Vincenzo Verrastro</b>		
<b>Contributors:</b>	<b>Simona Giordano, Laura Scivetti, Antonella Acquafredda</b>		

## Summary

On the 20 - 23 - 25 of May 2022 three courses were delivered for the farmers involved in GECO2 project web voluntary market.

## Agenda

20th May 2022

18:00 Welcome address and presentation – Vincenzo Verrastro (Project Manager)

19:00 Q&A Session and Concluding remarks

## Abstract

Vincenzo Verrastro – CIHEAM BARI – presented the GECO2 project and the web platform for carbon credit exchange. The three meetings were useful for describing the farmers how the platform of voluntary market will work, how they can be seller and / or buyers of the carbon credits and what were the achievements obtained in the GECO2 final meeting held in MACFRUT in Rimini, some days before.

## Participants composition

7 operators	Organic sector
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## Minutes

At 18:00 Vincenzo Verrastro started the presentation of the project. The meeting ended with a Q&A session.

# TRAINING ACTIVITIES FOR FARMERS Apulia Region

WP 4 Pilot project implementation

Activity 4.4 Collateral Training Activities

Report



<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral Training Activities</b>
<b>Phase Leader:</b>	<b>CIHEAM Bari</b>
<b>Deliverable:</b>	<b>Report n. 4 on Collateral Training activities by CIHEAM Bari</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>23/05/2022</b>
<b>Availability:</b>	<b>Public</b>		
<b>Responsible Partner:</b>	<b>CIHEAM Bari</b>		
<b>Editor:</b>	<b>Vincenzo Verrastro</b>		
<b>Contributors:</b>	<b>Simona Giordano, Laura Scivetti, Antonella Acquafredda</b>		

## Summary

Three courses were delivered for the farmers involved in GECO2 project web voluntary market.

## Agenda

23rd May 2022

18:00 Welcome address and presentation – Vincenzo Verrastro (Project Manager)

19:00 Q&A Session and Concluding remarks

## Abstract

Vincenzo Verrastro – CIHEAM BARI – presented the GECO2 project and the web platform for carbon credit exchange. The three meetings were useful for describing the farmers how the platform of voluntary market will work, how they can be seller and / or buyers of the carbon credits and what were the achievements obtained in the GECO2 final meeting held in MACFRUT in Rimini, some days before.

## Participants composition

8 operators	Organic sector
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## Minutes

At 18:00 Vincenzo Verrastro started the presentation of the project. The meeting ended with a Q&A session.

# TRAINING ACTIVITIES FOR FARMERS Apulia Region

WP 4 Pilot project implementation

Activity 4.4 Collateral Training Activities

Report

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral Training Activities</b>
<b>Phase Leader:</b>	<b>CIHEAM Bari</b>
<b>Deliverable:</b>	<b>Report n. 5 on Collateral Training activities by CIHEAM Bari</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>25/05/2022</b>
<b>Availability:</b>	Public		
<b>Responsible Partner:</b>	CIHEAM Bari		
<b>Editor:</b>	Vincenzo Verrastro		
<b>Contributors:</b>	Simona Giordano, Laura Scivetti, Antonella Acquafredda		

## Summary

On the 20 - 23 - 25 of May 2022 three courses were delivered for the farmers involved in GECO2 project web voluntary market.

## Agenda

25th May 2022

18:00 Welcome address and presentation – Vincenzo Verrastro (Project Manager)

19:00 Q&A Session and Concluding remarks

## Abstract

Vincenzo Verrastro – CIHEAM BARI – presented the GECO2 project and the web platform for carbon credit exchange. The three meetings were useful for describing the farmers how the platform of voluntary market will work, how they can be seller and / or buyers of the carbon credits and what were the achievements obtained in the GECO2 final meeting held in MACFRUT in Rimini, some days before.

## Participants composition

7 operators	Organic sector
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## Minutes

At 18:00 Vincenzo Verrastro started the presentation of the project. The meeting ended with a Q&A session.

# TRAINING SESSION FOR INTERNALS Apulia Region

WP 4 Pilot project implementation

Activity 4.4 Collateral Training Activities

Report

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral Training Activities</b>
<b>Phase Leader:</b>	<b>CIHEAM Bari</b>
<b>Deliverable:</b>	<b>Report n. 1 on Collateral Training activities by CIHEAM Bari</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>28/04/2022</b>
<b>Availability:</b>	Public		
<b>Responsible Partner:</b>	CIHEAM Bari		
<b>Editor:</b>	Vincenzo Verrastro		
<b>Contributors:</b>	Simona Giordano, Laura Scivetti, Antonella Acquafredda		



## Summary

The first meeting of restitution of the results of the project took place in Valenzano in CIHEAM Bari on April 28, 2022. This meeting was considered fundamental because CIHEAM Bari, during the general meeting of the internal staff. Considering the nature of CIHEAM Bari, an international inter-governative entity, the GECO2 project topic is considered transversal to many his activities based on international cooperation, on post graduate training and in research. The staff of CIHEAM Bari is composed of more than 100 members and all of them were interested in the results achieved by the project, considering them as a promising achievement for future projects.

## Agenda

10:00 Welcome address – Vincenzo Verrastro (Project Manager)

10:15 Vincenzo Verrastro: (GECO2 project responsible) that showed the results achieved by the project

Simona Giordano: - (GECO2 project manager assistant) that showed the implementation of the strategy developed in work package 2

Giorgio Marti: (GECO2 I&T Responsible) that showed how the web platform was organized and the possible exchanges of CO2 credits

Laura Scivetti: (GECO2 communication manager) that showed the channels and the news utilized for sharing the project achievements

12:00 Q&A Session and Concluding remarks

## Abstract

The Webinar aims at deepening the problems related to the adoption of intensive agricultural practices, which are not sustainable in the long term, and which have brought about important environmental repercussions; analyzing the opportunities provided by new agronomic techniques to safeguard the quality of agricultural soils; illustrating the application of a Life Cycle Assessment LCA approach to the durum wheat production process for assessing the eco-efficiency and CO2 equivalent emissions of the production process.

## Participants composition

20 researchers	CIHEAM Bari
30 students	CIHEAM Bari

## Minutes

The audience was composed by several CIHEAM Bari scientific administrators (around 20), students of the 5 master courses (around 40) and external collaborators (around 30). The event took place in main audience room of CIHEAM Bari (Aula Magna), and several discussion and opinions were shared. Results obtained in GECO” were decided to have an immediate application and Vincenzo Verrastro was invited to have a speech in the “Innovation open day” of the project “Rigenerazione sostenibile dell’agricoltura nei territori colpiti da Xylella fastidiosa” funded by the Ministero delle Politiche Agricole e Forestali on the 6th of May 2022 in Fondazione CMCC in Lecce.

# TRAINING SESSION FOR FARMERS Split

WP 4 Pilot project implementation

4.4 Collateral training activities

Report

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	<b>ARPAE</b>
<b>Deliverable:</b>	<b>Report about online training sessions by RERA</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>29/06/2022</b>
<b>Availability:</b>	<b>Public</b>		
<b>Responsible Partner:</b>	<b>RERA</b>		
<b>Editor:</b>	<b>Ivan Jakelic</b>		
<b>Contributors:</b>			

## Invitation



Split, 19. listopada 2021.

Poštovani,

pozivamo Vas na radionicu u sklopu

projekta **GECO2**  
(Green Economy and CO2)

koja će se održati

**u ponedjeljak 25. listopad 2021. u 08:00 sati u Centru kompetencija Trilj**

Javna ustanova RERA S.D. za koordinaciju i razvoj Splitsko-dalmatinske županije partneri su na projektu GECO2 čiji je cilj jačanje potencijala poljoprivrednog sektora u Jadranskoj regiji, kako bi se doprinijelo smanjenju emisije ugljika u atmosferi, a istovremeno kroz bolje upravljanje tlom i ostacima usjeva ostvario prihod, implementacijom dobrovoljnog tržišta ugljika.

Projektom GECO2 će se uspostaviti inovativni međuregionalni sustav kojim bi se poboljšalo praćenje klimatskih promjena, uvele eksperimentalne eko-prihvatljive poljoprivredne prakse i uspostavilo novo dobrovoljno tržište ugljika.

**Predavač:** prof. Dr. Tomislav Kos

- Opće informacije o GECO 2 projektu
- Uvod - što su staklenički plinovi, njihova važnost, značaj CO2, značaj CO2 za poljoprivredu

- Klimatske promjene, ekstremi, uloga stakleničkih plinova u svemu, mogući problemi i scenariji, pokušaji rješenja u svijetu i modeli, stanje u RH
- Utjecaj poljoprivrede na emisije, nove tehnologije, rješenja, primjeri
- Razvoj tržišta ugljika, rezultati, burze ugljika, stanje u RH, primjeri i primjeri praktičnih rješenja
- Kružna ekonomija, uvod, opis, značaj, primjeri u poljoprivredi  
GECO 2 očekivani rezultati i prijedlozi

**11:30 – 12:00** Rasprava

**12:00** Domjenak/individualna savjetovanja

U očekivanju Vašeg dolaska srdačno Vas pozdravljamo.

## Minutes

As part of the GECO2 project implementation by JU RERA SD, the first of three trainings was held for farmers as part of WP4- Act4.4 collateral training activities.

Ivan Jakelic, Communication Manager presented the GECO2 project to the attendees of the three trainings. He presented the purpose of the Project, as well as the benefits of establishing and entering potential participants in the voluntary carbon market.

Tomislav Kos, external expert on the GECO2 project presented the following topics to the attendees: impact of climate change on the environment, the influence of agriculture and new technologies in agriculture, development of the carbon market, circular economy and finally expected results of the GECO2 project and further steps of action.

Through the three training sessions which were held, all attendees got a better insight into the importance of climate change that requires attention and involvement of all stakeholders, farmers, public sector, economy sector and policy makers on a local, regional and national level.

According to the Agreement signed (Klasa: 432-02/21-01/0035, Urbroj: 2181-223-01-21-0006 od 19. listopada 2021.), we conducted the second workshop in area of "Consultancy services of preparation and conduction of workshops for CO2 market establishment under the GECO2 project", on October 25th, 2021.

The workshop was held by Prof. Tomislav Kos, PhD, in Trilj.



## Event Photos





# TRAINING ACTIVITIES FOR PAs Apulia Region

WP 4 Pilot project implementation  
Activity 4.4 Collateral Training Activities  
Report

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral Training Activities</b>
<b>Phase Leader:</b>	<b>CIHEAM Bari</b>
<b>Deliverable:</b>	<b>Report n. 2 on Collateral Training activities by CIHEAM Bari</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>29/04/2022</b>
<b>Availability:</b>	Public		
<b>Responsible Partner:</b>	CIHEAM Bari		
<b>Editor:</b>	Vincenzo Verrastro		
<b>Contributors:</b>	Simona Giordano, Laura Scivetti, Antonella Acquafredda		

## Summary

The second meeting took place also in CIHEAM Bari in the frame of the regional meeting named “Il biologico pugliese e le prospettive nel piano strategico nazionale” held in CIHEAM Bari (Aula Magna) on the 29 of April 2022. Vincenzo Verrastro was asked to have a speech on the GECO2 results and their possible applications to the organic sector. The speech of Vincenzo Verrastro took place in the section named “Contributi dal mondo del bio”. The web platform used for the voluntary market of the CO<sub>2</sub>e will be implemented in the “Biobank Open project” software as a pilot addendum of the opportunities for the regional organic farmers.

## Agenda

09:00 Welcome address – CIHEAM Bari Director

09:30 “Il biologico pugliese e le prospettive nel piano strategico nazionale”

12:00 Q&A Session and Concluding remarks

## Abstract

Vincenzo Verrastro – CIHEAM BARI – presented the GECO2 project and the web platform for carbon credit exchange. The three meetings were useful for describing the farmers how the platform of voluntary market will work, how they can be seller and / or buyers of the carbon credits and what were the achievements obtained in the GECO2 final meeting held in MACFRUT in Rimini, some days before.

## Participants composition

Researchers and officers	CIHEAM Bari
Academics	FTN Network, University of Bari
Officers	Regione Puglia
Operators	Organic sector

## Minutes

Regional, national and European institutional representatives and experts in the sector met at CIHEAM Bari in Valenzano for the first regional workshop entitled "THE BIOLOGICO PUGLIESE E THE PERSPECTIVES IN THE NATIONAL STRATEGIC PLAN ", aimed at deepening the value and strategic role of Apulian organic agriculture in the national context to respond to the great European challenges from the European Green Deal to the new CAP 2023-2027.

## Media



**Progetto PIORAB-BIOBANK - Piano di innovazione per lo sviluppo e la gestione dell'Osservatorio Regionale sull'Agricoltura Biologica e del sistema integrato Biobank Open Project<sup>1</sup> della Regione Puglia e CIHEAM Bari**

Introduce e modera: **Luigi Trotta**, Dirigente Sezione Competitività delle filiere agroalimentari - Regione Puglia

**9.00** - Saluti di Benvenuto

- **Donato Pentassuglia**, Assessore Agricoltura Regione Puglia
- **Maurizio Raeli**, Direttore CIHEAM Bari

**9.30** - Le prospettive del biologico nel Piano Strategico Nazionale per la PAC 2023-2027

**Paolo De Castro**, Eurodeputato - Commissione Agricoltura e Sviluppo Rurale del Parlamento Europeo

**10.00** - La sfida dell'agricoltura biologica nel Green Deal

**Eduardo Cuoco**, Direttore IFOAM Organics Europe

**10.15** - Il settore del biologico italiano e le nuove sfide da affrontare

**Pietro Gasparri**, Dirigente dell'ufficio PQAI 1 - Agricoltura Biologica e Sistemi di qualità alimentare, Ministero delle politiche agricole alimentari e forestali (MIPAAF)

**10.30** - Dematerializzazione e semplificazione per le aziende biologiche in Puglia

**Rossella Titano**, Dirigente Servizio filiere agricole sostenibili e multifunzionalità - Regione Puglia

**10.45** - Coffee break

**11.00** - Il sistema Biobank Open Project - I numeri del biologico pugliese: analisi statistiche su superfici, operatori e premi

**Giorgio Marti, Gianluigi Cardone, Patrizia Pugliese e Marie Reine Bteich**, Ricercatori senior - CIHEAM Bari

**11.30** - Le strategie regionali per la crescita del biologico in Puglia

**Gianluca Nardone**, Direttore del Dipartimento Agricoltura, Sviluppo Rurale e Ambientale - Regione Puglia

**12.00** - Contributi dal mondo del Bio

**12.30** - Conclusioni

<sup>1</sup>Piano di innovazione per lo sviluppo e la gestione dell'Osservatorio Regionale sull'Agricoltura Biologica e del sistema integrato Biobank Open Project - finanziato dalla Regione Puglia e da CIHEAM Bari, in base all'Accordo per la collaborazione tecnico-scientifica per attività di interesse comune (Art. 15 della Legge 241/90 e s.m.i.), in repertorio n. 022636 del 09/12/2019. <https://www.regione.puglia.it/web/osservatorio-agricoltura-biologica>

# TRAINING SESSION FOR FARMERS Split

WP 4 Pilot project implementation

4.4 Collateral training activities


Report




<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	<b>ARPAE</b>
<b>Deliverable:</b>	<b>Report on Training sessions by Zadar County Rural Development Agency</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>20/06/2022</b>
<b>Availability:</b>	<b>Confidential</b>		
<b>Responsible Partner:</b>	<b>AGRRA</b>		
<b>Editor:</b>	<b>Ivana Dević</b>		
<b>Contributors:</b>			

## Agenda

 **Interreg**  
Italy - Croatia  
GECO2

  
EUROPEAN UNION

**TRAINING FOR FARMERS**

GECO2 - Green Economy and CO2

**Agenda**  
02.09.2020.

02. September 2020.

Training for farmers at the terrace "Milonga", Benkovac

**18:30** Participant registration

**18:45** Green market and voluntary carbon market

18:45 Basic Information about GECO2 project

19:00 Climate changes

19:15 The influence of agriculture, new technologies

19:30 The development of carbon market

19:45 Circular economy

20:00 GECO2 expected results and suggestions

**20:15** Strategy "From Field to Fork" and new program period

20:15 Basic Information about Green Deal and Strategy "From Field to Fork"

20:30 Common Agricultural policies and VFO 2021.-2027.

**20:45** Banquet

## Minutes

As part of the GECO2 project implementation by Zadar County Rural Development Agency, there was a Training for Farmers held as part of WP4.

The first training was intended for farmers and held on September 2, 2020. 30 farmers attended the training which took place in the City of Benkovac near Zadar.

Ivana Dević, Project Manager and Deputy Director of AGRRA presented the GECO2 project to the attendees of the three webinars/online trainings. She presented the purpose of the Project, as well as the benefits of establishing and entering potential participants in the voluntary carbon market.

Josip Ražov, external expert on the GECO2 project presented the following topics to the attendees: impact of climate change on the environment, the influence of agriculture and new technologies in agriculture, development of the carbon market, circular economy and finally expected results of the GECO2 project and further steps of action.

Through the training session which was held, all attendees got a better insight into the importance of climate change that requires attention and involvement of all stakeholders, farmers, public sector, economy sector and policy makers on a local, regional and national level.

The event has been published on the following media:

<https://www.057info.hr/vijesti/2020-09-05/strategija-od-polja-do-stola-u-sredistu-zelenog-plana>

<https://ezadar.net.hr/dogadaji/3880918/benkovac-agrra-zadarske-zupanije-odrzala-radionicu-za-poljoprivrednike-na-temu-zelene-ekonomije-i-trzenja-ugljicnim-dioksidom/>

Media

Newspaper article in local newspaper Zadarski List



CO2 – GECO2 Agencija za ruralni razvoj Zadarske županije održala radionicu u Benkovcu

# Zelena ekonomija i trženja ugljičnim dioksidom za poljoprivrednike

**Poljoprivrednicima je kroz radionicu predstavljen Europski zeleni plan za novu, održivu i uključivu strategiju rasta i razvoja ekonomije, poboljšanja ljudskog zdravlja i kvalitete života, brige za okoliš i jednake prilike za sve**

**BENKOVAC** – Agencija za ruralni razvoj Zadarske županije trenutno je u provedbi projekta *„Green economy and CO<sub>2</sub> – GECO2*. Njegov je projekt čija ukupna vrijednost iznosi oko 2,5 milijuna eura, a financira se iz prekograničnog programa suradnje Interreg Italija-Hrvatska.

GECO2 se pokušuje boriti protiv klimatskih promjena razvijajući nove poljoprivredne i industrijske modele. Cilj projekta je uspostaviti regionalni centar za promicanje klimatskih promjena kao i povećavanje hrvatskim i talijanskim tvrtkama novog dobitovnijeg tržišta ugljika kroz ekonomsku valorizaciju poljoprivrednih preostaka. Potencijalni koraci su primjerice industrijske ili kućne vertike koje čine na tržištu suodgovarajući s održivim proizvodima

koji će nositi oznaku *„CO<sub>2</sub> free*“ čime bi njihovi proizvođači dobili dodatnu vrijednost. Projekt bi omogućio stvaranje mreže lokalnih centara za praćenje klimatskih promjena u Jadranskoj regiji i time bi postao regionalnim zajednicama u prilagodbi i smanjenju negativnih učinaka klimatskih promjena. Izvodi voditeljica projekta Ivana Dević iz Agencije za ruralni razvoj Zadarske županije AGRRR-a.

**Nazela i primjeri**

U sklopu projekta GECO2 u Benkovcu je održana radionica za poljoprivrednike kojima su prezentirane načela i primjeri zelene ekonomije s naglaskom na trženje ugljičnim dioksidom. Kroz zajedna radionica poljoprivrednici su imali priliku doznati

koja je njihova uloga i koji su načini za smanjenje i održavanje emisije ugljičnog dioksida. Također su imali priliku saznati koji su to problemi i mogući scenariji koji bi se mogli dogoditi vezano za ekstremne klimatske promjene. Poljoprivrednici su upoznat i s budućim razvojem tržišta ugljika, modelima tržišta ali i mogućnostima i velikoj ekonomskoj koristi takvog tržišta.

Voditeljica projekta posebno se osvrnula na osnove zahtjeva novog Programa ruralnog razvoja za razdoblje 2021. – 2027., osobito one vezane za klimu i okoliš te zelene ekonomije poput tržišta CO<sub>2</sub>.

Poljoprivrednicima je kroz radionicu predstavljen Europski zeleni plan za novu, održivu i uključivu strategiju rasta i razvoja ekonomije, poboljšanja ljudskog zdravlja i kvalitete života, brige za okoliš i jednake prilike za sve.



U sklopu projekta GECO2 u Benkovcu je održana radionica za poljoprivrednike kojima su prezentirana načela i primjeri zelene ekonomije

**Od polja do stola**

Kriza uzrokovana koronavirusom pokazala je koliko smo ravnjivi i koliko je važno potporu uspostaviti razmazu između ljudskih aktivnosti i prirode. U središtu zelenog plana nalaze se strategije u pogledu biološke raznolikosti i strategije od polja do

stola, koje ukazuju na novu i bolju ravnotežu između polja, prehrambenih sustava i biološke raznolikosti radi zaštite zdravlja i dobrobiti naših građana uz istodobno povećanje konkurentnosti i otpornosti Europske unije. Te su strategije ključan dio

velike tranzicije koja upravlja polje. Također, nova nastala situacija uzrokovana pandemijom komunicirana jednako daje na važnosti orijentiranim projektima jer je nemoguće da će se svijet, pa tako i Hrvatska u skoro vrijeme sve više morati okretati vlastitoj

poljoprivrednoj proizvodnji s posebnim naglaskom na lokalnu proizvodnju, koje u budućnosti mora postati glavni pokretač i nositelj gospodarstva, ističe voditeljica projekta Ivana Dević.

**Ivana DEVIĆ, dipl.ing., voditeljica projekta**



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## Invitation



**TRAINING FOR FARMERS**



**ZADAR COUNTY RURAL DEVELOPMENT AGENCY**

is pleased to invite you to the:

**Green market and voluntary carbon market**

 **WHEN**  
02.09.2020.

 **WHERE**  
Benkovac, terrace "Milonga"

18:30 Participant registration  
18:45 Green market and voluntary carbon market  
20:15 Strategy "From Field to Fork" and new program period  
20:45 Banquet

The registration will be closed on "31.08.2020." Please, confirm your participation by mail [ivana.devic@agrra.hr](mailto:ivana.devic@agrra.hr) or mobile 099 880 3482

## Event Photos









# TRAINING SESSION FOR SMEs

## Split

WP 4 Pilot project implementation

4.4 Collateral training activities

Report

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	<b>ARPAE</b>
<b>Deliverable:</b>	<b>Report about online training sessions by RERA</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>29/06/2022</b>
<b>Availability:</b>	<b>Confidential</b>		
<b>Responsible Partner:</b>	<b>RERA</b>		
<b>Editor:</b>	<b>Ivan Jakelic</b>		
<b>Contributors:</b>			

## Invitation



Split, 28. listopada 2021.

Pozivamo Vas na radionicu u sklopu projekta

### **GECO2**

(Green Economy and CO2)

koja će se održati

**u četvrtak 04. studenog 2021. u 10:00 sati u Centru kompetencija Trilj**

Javna ustanova RERA S.D. za koordinaciju i razvoj Splitsko-dalmatinske županije partner je na projektu GECO2 čiji je cilj jačanje potencijala poljoprivrednog sektora u Jadranskoj regiji, kako bi se doprinijelo smanjenju emisije ugljika u atmosferi, a istovremeno kroz bolje upravljanje tlom i ostacima usjeva ostvario prihod, implementacijom dobrovoljnog tržišta ugljika.

Projektom GECO2 će se uspostaviti inovativni međuregionalni sustav kojim bi se poboljšalo praćenje klimatskih promjena, uvele eksperimentalne eko-prihvatljive poljoprivredne prakse i uspostavilo novo dobrovoljno tržište ugljika. Projekt se realizira u sklopu Programa prekogranične suradnje Interreg Italija-Hrvatska 2014.-2020., a ukupna vrijednost projekta iznosi 18.420.353,00 kuna.

**Predavač:** prof. dr. Tomislav Kos

- Opće informacije o GECO2 projektu
- Uvod - što su staklenički plinovi, njihova važnost, značaj CO2, značaj CO2 za poljoprivredu
- Klimatske promjene, ekstremi, uloga stakleničkih plinova u svemu, mogući problemi i scenariji, pokušaji rješenja u svijetu i modeli, stanje u RH

- Utjecaj poljoprivrede na emisije, nove tehnologije, rješenja, primjeri
- Razvoj tržišta ugljika, rezultati, burze ugljika, stanje u RH, primjeri i primjeri praktičnih rješenja
- Kružna ekonomija, uvod, opis, značaj, primjeri u poljoprivredi  
GECO 2 očekivani rezultati i prijedlozi

11:30 – 12:00 Rasprava

12:00 Domjenak/individualna savjetovanja

U očekivanju Vašeg dolaska srdačno Vas pozdravljamo!

## Minutes

As part of the GECO2 project implementation by JU RERA SD, the first of three trainings was held for farmers as part of WP4- Act4.4 collateral training activities.

As part of the GECO2 project implementation by JU RERA SD, the second of three trainings was held for SMEs as part of WP4 - Act4.4 collateral training activities.

Ivan Jakelic, Communication Manager presented the GECO2 project to the attendees of the three trainings. He presented the purpose of the Project, as well as the benefits of establishing and entering potential participants in the voluntary carbon market.

Tomislav Kos, external expert on the GECO2 project presented the following topics to the attendees: impact of climate change on the environment, the influence of agriculture and new technologies in agriculture, development of the carbon market, circular economy and finally expected results of the GECO2 project and further steps of action.

Through the three training sessions which were held, all attendees got a better insight into the importance of climate change that requires attention and involvement of all stakeholders, farmers, public sector, economy sector and policy makers on a local, regional and national level.

Title: Report - second workshop, Inv. no 8/P1/1

Dears,

According to the Agreement signed (Klasa: 432-02/21-01/0035, Urbroj: 2181-223-01-21-0006 od 19. listopada 2021.), we conducted the second workshop in area of "Consultancy services of preparation and conduction of workshops for CO2 market establishment under the GECO2 project", on March 15th, 2022.

The workshop was held by Prof. Tomislav Kos, PhD, in Trilj.

## Event Photos

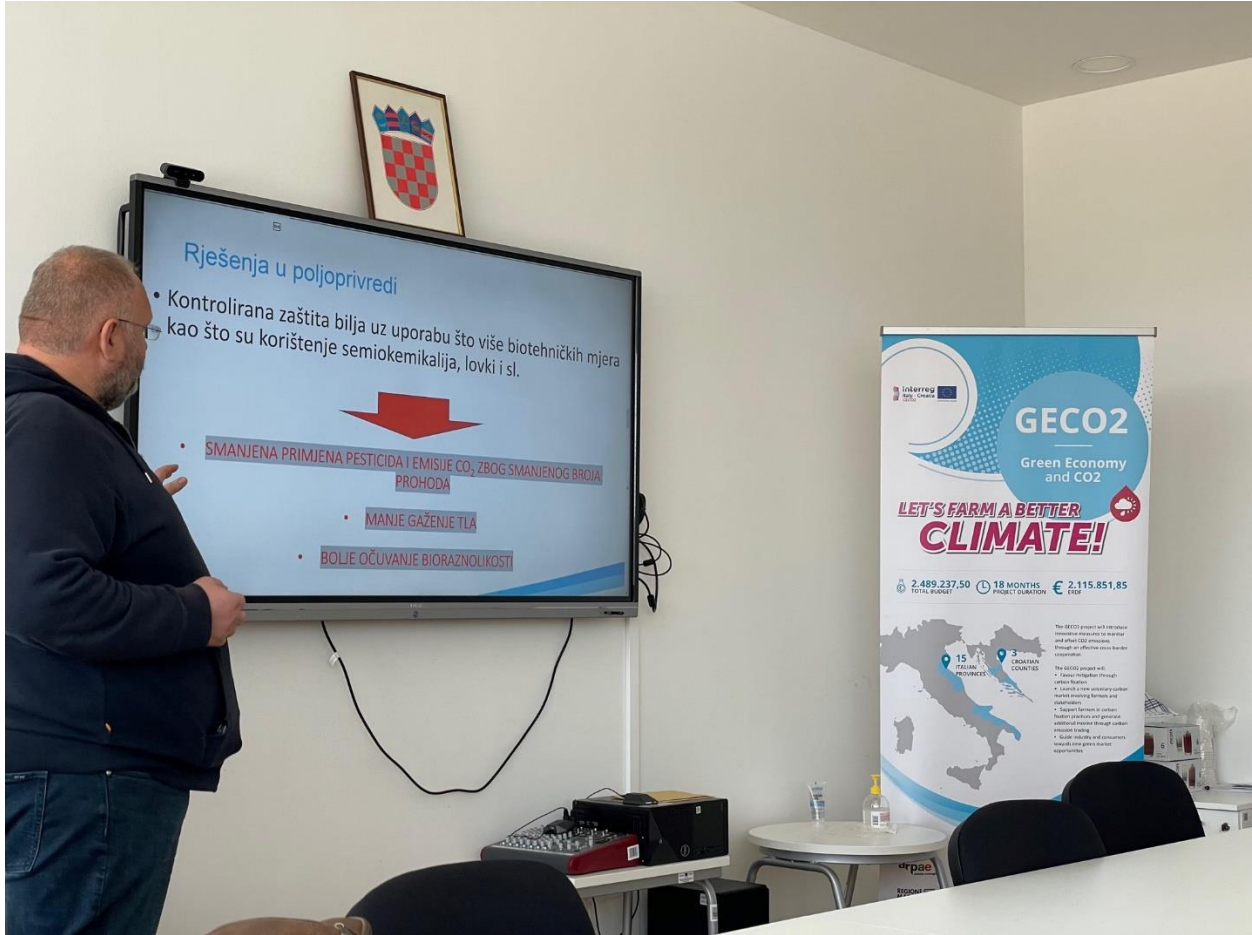












# TRAINING SESSION FOR PAs

## Split

WP 4 Pilot project implementation

4.4 Collateral training activities

Report

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	<b>ARPAE</b>
<b>Deliverable:</b>	<b>Report about online training sessions by RERA</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>29/06/2022</b>
<b>Availability:</b>	<b>Confidential</b>		
<b>Responsible Partner:</b>	<b>RERA</b>		
<b>Editor:</b>	<b>Ivan Jakelic</b>		
<b>Contributors:</b>			

## Invitation



Split, 12. svibnja 2022.

Pozivamo Vas na radionicu za jedinice lokalne samouprave na području Splitsko-dalmatinske županije, u sklopu pilot aktivnosti projekta

### **GECO2**

(Green Economy and CO2)

koja će se održati

**u utorak, 19. svibnja 2022. u 10:00 sati u hotelu Ora Split**

Javna ustanova RERA S.D. za koordinaciju i razvoj Splitsko-dalmatinske županije partner je na projektu GECO2 čiji je cilj jačanje potencijala poljoprivrednog sektora u Jadranskoj regiji, kako bi se doprinijelo smanjenju emisije ugljika u atmosferi te istovremeno, kroz bolje upravljanje tlom i ostacima usjeva, ostvario prihod implementacijom dobrovoljnog tržišta ugljika.

Projektom GECO2 će se uspostaviti inovativni međuregionalni sustav kojim bi se poboljšalo praćenje klimatskih promjena, uvele eksperimentalne eko-prihvatljive poljoprivredne prakse i uspostavilo novo dobrovoljno tržište ugljika. Projekt se realizira u sklopu Programa prekogranične suradnje Interreg Italija-Hrvatska 2014.-2020., a ukupna vrijednost projekta iznosi 18.420.353,00 kuna.

**Predavač:** prof. dr. Tomislav Kos

- Opće informacije o GECO2 projektu
- Uvod - što su staklenički plinovi, njihova važnost, značaj CO2, značaj CO2 za poljoprivredu

## Minutes

As part of the GECO2 project implementation by JU RERA SD, the first of three trainings was held for local public authority as part of WP4- Act4.4 collateral training activities.

As part of the GECO2 project implementation by JU RERA SD, the second of three trainings was held for SMEs as part of WP4 - Act4.4 collateral training activities.

Ivan Jakelic, Communication Manager presented the GECO2 project to the attendees of the three trainings. He presented the purpose of the Project, as well as the benefits of establishing and entering potential participants in the voluntary carbon market.

Tomislav Kos, external expert on the GECO2 project presented the following topics to the attendees: impact of climate change on the environment, the influence of agriculture and new technologies in agriculture, development of the carbon market, circular economy and finally expected results of the GECO2 project and further steps of action.

Through the three training sessions which were held, all attendees got a better insight into the importance of climate change that requires attention and involvement of all stakeholders, farmers, public sector, economy sector and policy makers on a local, regional and national level.

### **Title: Report - third workshop, Inv. no 15/P1/1**

Dears,

According to the Agreement signed (Klasa: 432-02/21-01/0035, Urbroj: 2181-223-01-21-0006 od 19. listopada 2021.), we conducted the second workshop in area of "Consultancy services of preparation and conduction of workshops for CO2 market establishment under the GECO2 project", on May 19<sup>th</sup>, 2022.

The workshop was held by Prof. Tomislav Kos, PhD, in Trilj.

## Event Photos















# TRAINING SESSION FOR FARMERS Zadar

WP 4 Pilot project implementation

4.4 Collateral training activities

Report

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	ARPAE
<b>Deliverable:</b>	Report on Training sessions by Zadar County Rural Development Agency

<b>Version:</b>	Final	<b>Date:</b>	20/06/2022
<b>Availability:</b>	Confidential		
<b>Responsible Partner:</b>	AGGRA		
<b>Editor:</b>	Ivana Dević		
<b>Contributors:</b>			

## Agenda



ZADAR COUNTY RURAL DEVELOPMENT AGENCY

is pleased to invite you to the:

### Green market and voluntary carbon market



**WHEN**

28.05.2021.



**WHERE**

Benkovac, terrace "Milonga"

10:00	Participant registration
10:15	Link of global warming with CO2 emissions
10:45	Agricultural practices that reduce or increase CO2 emissions
12:00	Familiarization with existing initiatives and the possibility of inclusion environmental protection programs – reduction of CO2 emissions into the atmosphere
13:00	Method of calculating CO2 emissions into the atmosphere and possible incomes for farmers if they reduce CO2 emissions
14:00	Banquet

The registration will be closed on "25.05.2021." Please, confirm your participation by mail [ivana.devic@agrra.hr](mailto:ivana.devic@agrra.hr) or mobile 099 880 3482

European Regional Development Fund



## Minutes

A Training for Farmers was held on May 28, 2021 in Benkovac near the city of Zadar. The training was attended by 35 participants and the event was published in various local media. The Training helped the participants to better understand the what their role in carbon emission prevention is and what are the ways to reduce and maintain carbon dioxide emissions. Despite the challenging times of the pandemic, it was successful among all the participants. The event was held under preventive measures due to Covid. The speaker at the workshop was the representative of the company Alcina d.o.o. which was chosen on the public procurement call.

The Training was published in the following local media:

<https://www.057info.hr/vijesti/2021-05-28/agrra-pomaze-poljoprivrednicima-da-smanje-emisiju-co2>

<https://www.antenazadar.hr/clanak/2021/05/odrzana-radionica-agrra-pomaze-poljoprivrednicima-da-smanje-emisiju-co2/>,

<https://www.noviradio.hr/agrra-odrzala-radionicu-u-sklopu-projekta-geco2-agrra-pomaze-poljoprivrednicima-da-smanje-emisiju-co2/> ,

<https://ezadar.net.hr/dogadaji/4042620/u-sklopu-projekta-geco2-odrzana-radionica-za-poljoprivrednike/> ,

and official website and social media.

## Invitation



ZADAR COUNTY RURAL DEVELOPMENT AGENCY

is pleased to invite you to the:

### Green market and voluntary carbon market



**WHEN**

28.05.2021.



**WHERE**

Benkovac, terrace "Milonga"

10:00	Participant registration
10:15	Link of global warming with CO2 emissions
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12:00	Familiarization with existing initiatives and the possibility of inclusion environmental protection programs – reduction of CO2 emissions into the atmosphere
13:00	Method of calculating CO2 emissions into the atmosphere and possible incomes for farmers if they reduce CO2 emissions
14:00	Banquet

The registration will be closed on "25.05.2021." Please, confirm your participation by mail [ivana.devic@agrra.hr](mailto:ivana.devic@agrra.hr) or mobile 099 880 3482

European Regional Development Fund

## Event Photos





# TRAINING SESSION FOR SMEs

## Zadar

WP 4 Pilot project implementation

4.4 Collateral training activities

Report

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	<b>ARPAE</b>
<b>Deliverable:</b>	<b>Report on Training sessions by Zadar County Rural Development Agency</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>20/06/2022</b>
<b>Availability:</b>	<b>Public</b>		
<b>Responsible Partner:</b>	<b>AGGRA</b>		
<b>Editor:</b>	<b>Ivana Dević</b>		
<b>Contributors:</b>			

## Agenda



**WORKSHOP  
FOR SMEs**

**ZADAR COUNTY RURAL DEVELOPMENT AGENCY-AGRRA**  
is pleased to invite you to:

**Green Market and Voluntary Green Market - GECO2**

 **WHEN**  
15.09.2021.

 **WHERE**  
**Business Incubator Biograd na moru**

10:00 Participant registration  
10:15 Introduction to greenhouse gas issues and the purpose of the project  
10:45 Green marketing, sustainable agriculture and eco quality  
11:30 Carbon and energy management practices, carbon footprint  
12:15 Carbon Credit Exchange or Carbon Market and Benefits  
13:00 Lunch

Please confirm your participation by 13.09 via mail [ivana.devic@agrra.hr](mailto:ivana.devic@agrra.hr) or mobile 099 880 3482

European Regional Development Fund



## Minutes

A Workshop for SMEs was held on September 15, 2021 in the Business Incubator Biograd with 40 participants. Through this workshop, SMEs had the opportunity to find out what their role in carbon emission prevention is and what are the ways to reduce and maintain carbon dioxide emissions. The speaker at the workshop was the representative of the company Alcina d.o.o. which was chosen on the public procurement call. The workshop was published in local and national media and official website and social media. Despite the challenging times of the pandemic, it was successful among the participants and the event was held under preventive measures due to Covid.

The workshop was published in various local and national media at the following links:

<https://www.agroklub.com/sajmovi-dogadjanja/koja-je-buduca-cijena-emisije-staklenickih-plinova/70967/>

<https://www.noviradio.hr/radionica-za-poduzetnike-zeleno-trziste-i-dobrovoljno-trziste-ugljika-geco2/>

<https://bnm-portal.com/radionica-za-poduzetnike-u-poduzetnickom-inkubatoru-biograd/>

<https://www.rtl.hr/vijesti-hr/novosti/zanimljivosti/4106420/poljoprivrednik-ste-i-zelite-dodatnu-zaradu-novac-je-doslovno-u-zraku-ovaj-projekt-omogucuje-posjednicima-zemlje-da-to-unovcimo/>

<https://radio.hrt.hr/radio-zadar/clanak/kako-zarobiti-co2-i-staviti-ga-na-trziste/269869/>

<https://www.vecernji.hr/biznis/buducnost-je-poljoprivrednika-u-prodaji-zarobljenog-co2-1523645>

<https://www.poslovni.hr/hrvatska/na-10-ha-i-do-12-000-e-dodatne-zarade-na-zarobljavanju-co2-4305482>

<https://lider.media/poslovna-scena/hrvatska/buducnost-poljoprivrednika-je-na-burzama-na-10-hektara-i-do-12-000-eura-prihoda-na-zarobljavanju-co2-138673>

<https://www.zadarskilist.hr/clanci/16092021/poljoprivrednik-na-10-hektara-moze-zarobiti-200-tona-co2-i-zaraditi-12000-eura>

<https://net.hr/video/poljoprivrednik-ste-i-zelite-dodatnu-zaradu-novac-je-doslovno-u-zraku-26b16692-196e-11ec-8c06-227d2a916998>

<https://ezadar.net.hr/video/459284/poljoprivrednik-ste-i-zelite-dodatnu-zaradu-novac-je-doslovno-u-zraku-ovaj-projekt-omogucuje-posjednicima-zemlje-da-to-unovcimo/>



<https://kaportal.net.hr/video/459284/poljoprivrednik-ste-i-zelite-dodatnu-zaradu-novac-je-doslovno-u-zraku-ovaj-projekt-omogucuje-posjednicima-zemlje-da-to-unovcimo/>

<https://sib.net.hr/video/459284/poljoprivrednik-ste-i-zelite-dodatnu-zaradu-novac-je-doslovno-u-zraku-ovaj-projekt-omogucuje-posjednicima-zemlje-da-to-unovcimo/>

<http://www.energetika-net.com/vijesti/zastita-okolisa/zarobljavanje-ugljicnog-dioksida-poljoprivredom-33262>

<https://bnm-portal.com/u-biogradu-odrzana-radionica-za-poduzetnike-zeleno-trziste-i-dobrovoljno-trziste-ugljika-geco2/?fbclid=IwAR2JNJYdiTCj2xVng0BeH1wh5NnyDVRRNxtgiuEm1wAFNiHf8dPkMuvP3o>

<https://lokalnevijesti.hr/na-10-ha-i-do-12-000-e-dodatne-zarade-na-zarobljavanju-co2-buducnost-poljoprivrednika-je-na-burzama/>

<https://www.biogradnamoru.hr/novosti/2081-poljoprivrednik-na-10-hektara-moze-zarobiti-200-tona-co2-i-zaraditi-12-000-eura>

## Invitation



**WORKSHOP  
FOR SMEs**

**ZADAR COUNTY RURAL DEVELOPMENT AGENCY-AGRRA**  
is pleased to invite you to:

**Green Market and Voluntary Green Market - GECO2**

 **WHEN**  
15.09.2021.

 **WHERE**  
**Business Incubator Biograd na moru**

10:00 Participant registration  
10:15 Introduction to greenhouse gas issues and the purpose of the project  
10:45 Green marketing, sustainable agriculture and eco quality  
11:30 Carbon and energy management practices, carbon footprint  
12:15 Carbon Credit Exchange or Carbon Market and Benefits  
13:00 Lunch

Please confirm your participation by 13.09 via mail [ivana.devic@agrra.hr](mailto:ivana.devic@agrra.hr) or mobile 099 880 3482

European Regional Development Fund

  
Agencija za ruralni razvoj Zadarske županije

## Event Photos







# TRAINING SESSION FOR PAs Zadar

WP 4 Pilot project implementation  
4.4 Collateral training activities  
Report

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	<b>ARPAE</b>
<b>Deliverable:</b>	<b>Report on Training sessions by Zadar County Rural Development Agency</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>20/06/2022</b>
<b>Availability:</b>	<b>Public</b>		
<b>Responsible Partner:</b>	<b>AGGRA</b>		
<b>Editor:</b>	<b>Ivana Dević</b>		
<b>Contributors:</b>			

## Agenda



**TRAINING FOR PUBLIC SECTOR**

**ZADAR COUNTY RURAL DEVELOPMENT AGENCY-AGRRA**  
is pleased to invite you to:

**Green Market and Voluntary Green Market - GECO2**

 **WHEN**  
15.11.2021.

 **WHERE**  
**Hotel Kolovare Zadar, Ul. Bože Peričića 14**

10:00 Participant registration  
10:30 Purpose of the project and activities for green agriculture and green marketing  
10:45 Reduction of greenhouse gas emissions, economic consequences necessary changes in agriculture and industry  
11:30 EU and Croatian regulations to reduce greenhouse gas emissions  
12:00 Lunch

\* It is mandatory to have a COVID certificate or a negative test.

Please confirm your participation by 12.11 via mail [ivana.devic@agrra.hr](mailto:ivana.devic@agrra.hr) or mobile 099 880 3482

European Regional Development Fund

  
Agencija za ruralni razvoj Zadarske županije



## Minutes

A Training for the Public Sector was held on November 15, 2021 in Hotel Kolovare Zadar

with 30 participants. Through this training, the public sector had the opportunity to find out what their role in carbon emission prevention is and what are the ways to reduce and maintain carbon dioxide emissions. The speaker at the workshop was the representative of the company Alcina d.o.o. which was chosen on the public procurement call. The workshop was published in local and national media and official website and social media. Despite the challenging times of the pandemic, it was successful among the participants and the event was held under preventive measures due to Covid.

A Training for the Public Sector was held on November 15, 2021 in Hotel Kolovare Zadar with 30 participants. The workshop was published in various local and national media at the following links:

<http://www.057info.hr/vijesti/2021-11-15/poljoprivrednici-ce-moci-prodavati-pravo-na-co2>

<https://www.noviradio.hr/agrra-organizirala-predavanje-za-javni-sektor-u-sklopu-prijekta-geco2-ako-ne-zelimo-apokalipticni-scenarij-trebamo-do-2033-smanjiti-emisiju-staklenickih-plinova-za-45-posto/>

<http://www.057info.hr/galerija/zeleno-trziste-i-dobrovoljno-trziste-ugljika--geco2#slika322364>

<https://www.ekovjesnik.hr/clanak/4556/razvoj-zelenog-trzista-jedan-je-od-preduvjeta-za-klimatski-neutralnu-europu>

## Invitation



**ZADAR COUNTY RURAL DEVELOPMENT AGENCY-AGRRA**  
is pleased to invite you to:

**Green Market and Voluntary Green Market - GECO2**

 **WHEN**  
15.11.2021.

 **WHERE**  
**Hotel Kolovare Zadar, Ul. Bože Peričića 14**

10:00 Participant registration  
10:30 Purpose of the project and activities for green agriculture and green marketing  
10:45 Reduction of greenhouse gas emissions, economic consequences necessary changes in agriculture and industry  
11:30 EU and Croatian regulations to reduce greenhouse gas emissions  
12:00 Lunch

\* It is mandatory to have a COVID certificate or a negative test.

Please confirm your participation by 12.11 via mail [ivana.devic@agrra.hr](mailto:ivana.devic@agrra.hr) or mobile 099 880 3482

European Regional Development Fund

  
**AGRRA**  
Agencija za ruralni razvoj Zadarske županije

## Event Photos



# TRAINING SESSION FOR FARMERS Dubrovnik

WP4 Pilot project implementation

4.4 Collateral training activities

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	<b>Arpae</b>
<b>Deliverable:</b>	<b>Report on 1. Training session by Dubrovnik Neretva Region</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>31. 8. 2021.</b>
<b>Type:</b>	<b>Report</b>		
<b>Responsible Partner:</b>	<b>Dubrovnik Neretva County</b>		
<b>Editor:</b>	<b>Čedo Vučković</b>		
<b>Contributors:</b>			

## Agenda

### 1ST TRAINING SESSION OF THE WP 4.4.

12:15 –12:30	<b>Registration of participants</b>
12:30 –12:35	<b>Welcome speech: Žaklina Marević</b> (Deputy Prefect of Dubrovnik-Neretva County)
12:35 – 13:15,	<b>Agriculture and climate change:</b> <ul style="list-style-type: none"> <li>• Introduction - GECO2, project and objectives</li> <li>• 2.1. The global carbon cycle and the role of agriculture</li> <li>• 2.2 Greenhouse gas emissions and climate change</li> <li>• 2.3. The impact of climate change on agricultural production</li> </ul>
13:15 – 14:15	<b>Doc.dr.sc. Boris Lazarević</b> (University of Zagreb, Faculty of Agriculture) <b>Good agricultural practice and agro-technical measures to increase carbon sequestration:</b> <ul style="list-style-type: none"> <li>• 3.1. The importance of soil organic matter for increasing productivity</li> <li>• 3.2. Prevention of soil degradation (erosion and compaction)</li> <li>• 3.3. Principles of integrated pest management - Protection of beneficial organisms and increasing biodiversity</li> <li>• 3.4. Use of organic fertilizers, compost and biochar</li> <li>• 3.5. Management of organic residues in plantations</li> <li>• 3.6. Mulches, combined crops, among crops</li> </ul>
14:15 – 14:30	<b>Prof.dr.sc. Boris Lazarević</b> (University of Zagreb, Faculty of Agriculture) <b>Break</b>
14:30 – 15:00	<b>Introduction to soil analysis protocol and calculator for calculating carbon sequestration:</b> <ul style="list-style-type: none"> <li>• 4.1. Soil sampling and physical and chemical analysis of soil</li> <li>• 4.2. Using a carbon sequestration calculator</li> </ul>
15:00 – 15:05	<b>Doc.dr.sc. Boris Lazarević</b> (University of Zagreb, Faculty of Agriculture) <b>Objectives of the GECO2 project from the perspective of carbon trading:</b> <b>Roman Danko</b> (Granum Sallis Cooperative, CO2cut Ltd.)

15:05 – 15:15	<b>Greenhouse gas emissions trading:</b> <ul style="list-style-type: none"> <li>• 2.1. Greenhouse gases and carbon footprint</li> <li>• 2.2. Emissions Trading</li> </ul>
15:15 – 15:35	<b>Roman Danko</b> (Granum Sallis Cooperative, CO2cut d.o.o.) <b>Global Carbon Market and Innovative Local Carbon Market:</b> <ul style="list-style-type: none"> <li>• 3.1. Types of carbon markets</li> <li>• 3.2. Who buys and sells carbon credits</li> <li>• 3.3. Sustainable agriculture as a driver of a new carbon market</li> <li>• 3.3. Advantages over traditional carbon markets</li> </ul>
15:35 – 15:45	<b>Roman Danko</b> (Granum Sallis Cooperative, CO2cut d.o.o.) <b>What to expect from participating in the project:</b>  <b>Prof.dr.sc. Boris Lazarević</b> (University of Zagreb, Faculty of Agriculture) <b>Roman Danko</b> (Granum Sallis Cooperative, CO2cut d.o.o.)
	<b>Questions and answers</b>

## Minutes

As a part of project activities within WP4, regarding Pilot action Dubrovnik-neretva region organized I. Training session intended for farmers. This was the first step of implementation of Pilot project - establishing a voluntary carbon market. The purpose of this training session was to inform and interest potential participants of benefits that they can have with their participation in project. The presentation was held on May 7th, 2021 in Hotel Merlot in the city of Opuzen.

Project GECO2 was presented to agriculturists and landowners in Neretva Valley. The training session was held by consultants team of the Community of Executors (prof. Lazarević from University of Zagreb - Faculty of Agriculture, and Roman Danko from Granum Salis Cooperative).

Prof. Lazarević explained in detail the environmental situation that is slowly growing in to a larger issue on global level and in a motivating way he encouraged listeners to participate by explaining precisely what are the benefits of their participation for their properties and bussiness as well for the global environmental situation. He also added that this kind of process was never done on Croatian soil and how this inovation can improve multiple things as; their business, croatian economy and to serve as an example of how to deal with global warning on microregional levels. Prof. Lazarević also spoke how to resist climate change, an importance of organic matter for soil quality, soil degradation process, principles of integrated plant protection and soil analysis. He was explaining the GECO2 - carbon calculator. He said that it is a tool in which relevant data on climate, soil, plantation, fertilization, protection are being noted.

According to the input data, calculator calculates the carbon balance on each agricultural holding (parcels) and converts to carbon credits per equivalent of 1 tonne of stored CO<sub>2</sub> = 1 CO<sub>2</sub> credit.

After prof. Lazarević, Mr. Danko proceeded with explaining the process of creating a voluntary market and 'green marketing' its economicaly value and benefits for all those buyers who will be part of it. He spoke about the objectives of the GECO2 project from the perspective of carbon trading, the differences between the mandatory and voluntary carbon markets and about Sustainable agriculture – as a driving force of a new carbon market.

Welcome speach was held by Deputy Prefect of Dubrovnik-Neretva County Ms. Žaklina Marević. Short overview of project activities was given by PP6 project manager Čedo Vučković.

The event was attended by 32 participants, representatives of farmers, educational institution and institutions.

This training session was published on partner's web site, RRA DUNEA's web site, directly contraced firm's for promotional services, and other relevant websites. On this topic we also published an article in newspaper Dubrovački vjesnik. The article is part of this Report.

Here we enclose PP6 official web site follow up of this Training session, as well as other local web sites, that have published the follow up:

<http://www.edubrovnik.org/novosti/zupanijski-projekti-poljoprivrednici-iz-doline-neretve-krecu-s-prvim-aktivnostima-projekta-geco2/>



<https://www.dunea.hr/novosti/1377-poljoprivrednici-iz-doline-neretve-krecu-s-prvim-aktivnostima-projekta-geco2>

<https://radiodelta.hr/zupanijski-projekti-poljoprivrednici-iz-doline-neretve-krecu-s-prvim-aktivnostima-projekta-geco2/>

<https://radiodelta.hr/geco2-zapocinju-pilot-aktivnosti-s-poljoprivrednicima-iz-doline-neretve/>

<https://dubrovacki.slobodnadalmacija.hr/dubrovnik/zupanija/neretva/poljoprivrednici-iz-doline-neretve-krecu-s-prvim-aktivnostima-projekta-geco2-1097690>

<https://dulist.hr/dunea-i-dnz-poljoprivrednici-iz-doline-neretve-krecu-s-prvim-aktivnostima-projekta-geco2/709577/>

# TRAINING SESSION FOR SMEs

## Dubrovnik

WP4 Pilot project implementation

4.4 Collateral training activities

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	<b>Arpae</b>
<b>Deliverable:</b>	<b>Report on 2. Training session by Dubrovnik Neretva Region</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>14. 02. 2022.</b>
<b>Type:</b>	<b>Report</b>		
<b>Responsible Partner:</b>	Dubrovnik Neretva County		
<b>Editor:</b>	Čedo Vučković		
<b>Contributors:</b>			

## Agenda

### 2nd TRAINING SESSION OF THE WP 4.4.

9:00 – 9:15	<b>Registration of participants</b>
9:15-9:20	<b>Welcome speech</b> <i>Čedo Vučković (Dubrovačko-neretvanska county)</i>
9:20-9:30	<b>Introduction to the Training session</b> <i>Maja Celinščak (Granum Salis Cooperative)</i>
9:30-9:45	<b>Project goals</b> <ul style="list-style-type: none"> <li>• 1.1. Global climate change</li> <li>• 1.2 GECO2 project in response to climate change</li> </ul>
9:45-10:45	<b>Roman Danko (CO2cut)</b> <b>Agriculture and GECO2</b> <ul style="list-style-type: none"> <li>• 2.1. The role of farmers in the GECO2 project</li> <li>• 2.2. Global carbon cycle</li> <li>• 2.3. CO2 and climate change</li> <li>• 2.4. The role of agriculture in the global carbon cycle</li> <li>• 2.5. Climate change mitigation through the application of appropriate agricultural practices</li> <li>• 2.6. Conclusion</li> </ul>
10:45-10:55	<b>Prof.dr.sc. Boris Lazarević (University of Zagreb, Faculty of Agriculture)</b>
10:55-11:55	<b>Break</b>  <b>Activity 1: Game "Selling, just to sell"</b>  <b>Roman Danko (CO2cut), Maja Celinščak (Granum Salis Cooperative), Tomo Hunjak (Granum Salis Cooperative)</b>  <b>Local carbon market as a regional response to climate change</b> <ul style="list-style-type: none"> <li>• 3.1. Objectives of the GECO2 project from the perspective of carbon trading</li> <li>• 3.2. Carbon footprint</li> <li>• 3.3. Global Carbon Market and Innovative Local Carbon Market</li> <li>• 3.4. What to expect from participating in the project</li> <li>• 3.5. Questions and answers</li> </ul>
11:55-12:55	<b>Roman Danko (CO2cut)</b>
12:55-13:15	<b>Break</b>

13:15-14:15

**Activity 2: Game „Mandarin and Wine“**

**Roman Danko** (CO2cut), **Maja Celinščak** (Granum Salis Cooperative), **Tomo Hunjak** (Granum Salis Cooperative)

14:15-15:00

**Evaluation and closing of the workshop**

**Roman Danko** (CO2cut), **Prof.dr.sc. Boris Lazarević** (University of Zagreb, Faculty of Agriculture)

## Minutes

As part of the GECO2 project implementation by the Dubrovnik-Neretva County, II Training season was held for economic entities that emit carbon dioxide (CO<sub>2</sub>). It was held on 23rd of July 2021., in the Merlot Hotel in Opuzen and needed to gather a significant number of interested companies and institutions from the Neretva Valley.

The participants were greeted by the PP6 project manager Čedo Vučković, who emphasized the importance of the GECO2 project in terms of compensation for damage caused by greenhouse gas emissions, revaluation of the agricultural sector through special protocols in tillage and promoting carbon neutrality in industry and services.

Maja Celinščak and Tomo Hunjak from the Granum Salis Cooperative and Roman Danko from the company CO<sub>2</sub>cut d.o.o. presented the purpose and objectives of the GECO2 project, as well as the benefits of establishing and entering potential participants in the voluntary carbon market. In this interactive workshop, attendees were introduced to the carbon footprint, the global and local carbon market as a regional response to climate change. In the topic Local carbon market as a regional response to climate change. In two games (Activity 1, and Activity 2), participants had the opportunity to feel the power of trading, creating sales scenarios, or strategies, how to sell CO<sub>2</sub> credits in the best possible way at the highest possible prices.

Through participation in the GECO2 project, each economic entities will receive a promotional logo of carbon neutrality (CO<sub>2</sub> free) for a certain area of their activity, which will help them improve their business and raise awareness of the importance of combating climate change.

Doc. dr. sc. Boris Lazarević from the Faculty of Agriculture in Zagreb gave a presentation on the role of farmers in the GECO2 project, the global carbon cycle, the impact of CO<sub>2</sub> on climate change and the importance of climate change mitigation through the application of appropriate agricultural practices.

The Training session is a continue activities to attract CO2 credit buyers, in order to establish a voluntary carbon market based on agricultural activity. At the first Training session for farmers, 24 farmers from the Neretva Valley joined the Pilot Activity.

The event was attended by 29 participants, representatives of companies, educational institution and public firms. Training session was media covered by Dubrovački vjesnik Ltd , whose newspaper article is attached to this report.

Here we enclose PP6 official web site follow up of this Training session, as well as other local web sites, that have published the follow up:

<https://www.edubrovnik.org/projekt-geco2-nastavak-pilot-aktivnosti-odrzana-radionica-za-emitere-ugljicnog-dioksida/>

<https://dubrovackidnevnik.net.hr/vijesti/zupanja/projekt-geco2-nastavak-pilot-aktivnosti-odrzana-radionica-za-emitere-ugljicnog-dioksida>

<https://dubrovacki.slobodnadalmacija.hr/dubrovnik/zupanja/neretva/nastavak-pilot-aktivnosti-odrzana-radionica-za-emitere-ugljicnog-dioksida-1155474>

<https://radiodelta.hr/u-opuzenu-je-odrzana-radionica-u-sklopu-projekta-geco2/>

# TRAINING SESSION FOR PAs

## Dubrovnik

WP4 Pilot project implementation

4.4 Collateral training activities



<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.4 Collateral training activities</b>
<b>Phase Leader:</b>	<b>Arpae</b>
<b>Deliverable:</b>	<b>Report on 3. Training session by Dubrovnik Neretva Region</b>

<b>Version:</b>	<b>Final</b>	<b>Date:</b>	<b>14. 02. 2022.</b>
<b>Type:</b>	<b>Report</b>		
<b>Responsible Partner:</b>	<b>Dubrovnik Neretva County</b>		
<b>Editor:</b>	<b>Čedo Vučković</b>		
<b>Contributors:</b>			

## Agenda

### 3rd TRAINING SESSION OF THE WP 4.4.

9:00 – 9:15	<b>Registration of participants</b>
	<b>Welcome speech</b>
9:15-9:20	<i>Antonija Odak (Representative of the Project Partner)</i>
	<b>Agriculture in the service of climate change</b>
9:20-11:20	<b>Prof. dr.sc. Boris Lazarević</b> (Faculty of Agriculture, University of Zagreb)
11:20-12:20	<b>Lunch break</b>
12:20-13:00	<b>Applying the carbon market on local level</b>
	<b>Roman Danko</b> (CO2cut)
13:00-13:40	<b>European Green Deal and the carbon footprint</b>
	<b>Tomo Hunjak</b> (Zadruga Granum Salis)
13:40-14:00	<b>Coffee break</b>
14:00-14:40	<b>Interactive educational activity for participants</b>
	<b>Roman Danko</b> (CO2cut), <b>Tomo Hunjak</b> (Granum Salis Cooperative)
14:40-15:00	<b>Evaluation and closing of the workshop</b>
	<b>Roman Danko</b> (CO2cut), <b>Prof.dr.sc. Boris Lazarević</b> (University of Zagreb, Faculty of Agriculture)

## Minutes

As part of the GECO2 project implementation by the Dubrovnik-Neretva County, the III. Training session intended for institutions was held on 20th of December 2021., in Opuzen for representatives of institutions from the Dubrovnik-neretva county.

The participants were greeted and addressed by Antonija Odak, representative of the Regional Agency DUNEA, who is PP6's technical support.

Doc. dr. sc. Boris Lazarević from the Faculty of Agriculture in Zagreb presented the role of farmers in the GECO2 project. He also presented the role of agriculture in the carbon cycle, emphasizing that agriculture is a significant sequester of greenhouse gases. He spoke about the impact of climate change on agriculture, and the consequences of climate change. Special attention was paid to reduced tillage and the use of organic fertilizers, compost and biochar. In the end he spoke about the importance of climate change mitigation through the application of appropriate agricultural practices.

Mr. Roman Danko from CO2cut d.o.o. presented the purpose of the GECO2 project, as well as the benefits of establishing and entering potential participants in the voluntary carbon market.

Explaining the European Green Deal, Mr. Tomo Hunjak from Granum Salis Cooperative and spoke about its areas of activity, highlighting climate, environment and oceans, energy transport, agriculture, finance and regional development, industry and research and innovation. He also highlighted the benefits it brings such as clean water, clean air, healthy soil and biodiversity.

Speaking about the carbon footprint, he explained what is the total amount of greenhouse gases generated by human activity and the difference between a personal footprint, the footprint of a company, city, state or project.

In the interactive educational activity, attendees were introduced by the example to the carbon footprint, the global and local carbon market as a regional response to climate change.

Through this Training session, all attendees realized the importance of climate change that requires the attention and involvement of all stakeholders, the economy and decision makers in national, regional and local government.

The event was attended by 26 participants, representatives of public institutions and public firms that are working on the area of Dubrovnik-neretva county. This Training session was media covered by Dubrovački vjesnik Ltd, whose newspaper article is attached to this report, as well as Radio Delta who made audio follow up, that we also enclose to this Report.

Here we enclose PP6 official web site follow up of this Training session, as well as other local web sites, that have published the follow up:

<https://www.edubrovnik.org/projekt-geco2-nastavak-pilot-aktivnosti-odrzana-radionica-za-predstavnike-institucija/>

<https://dubrovacki.slobodnadalmacija.hr/dubrovnik/zupanija/neretva/nastavak-pilot-aktivnosti-odrzana-radionica-za-predstavnike-institucija-1155477>

<https://dulist.hr/odrzana-radionica-u-okviru-projekta-geco2-za-predstavnike-institucija/745006/>

<https://www.zadragranumsalis.hr/novosti/treca-radionica-geco2-predstavnici-institucija>