

# MAP CREDIT PLATFORM

WP 4 Pilot project implementation

Activity 4.1 Design and setting up of an integrated  
monitoring and observing system

## GECO2 – Green Economy and CO2

### Safety and resilience | SO 2.1

<b>Work Package:</b>	<b>4. Pilot project implementation</b>
<b>Activity:</b>	<b>4.1 Design and setting up of an integrated monitoring and observing system</b>
<b>Phase Leader:</b>	<b>ARPAE</b>
<b>Deliverable:</b>	<b>Map Credit Platform</b>

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## The MAP credit platform

GECO2, with the aim to ease the matchmaking process of CO<sub>2</sub>e credits, has created an ad hoc project web-based database ([MAP – Market Platform](#)) where it is possible:

- To upload calculated credits
- To insert purchase options made by buyers
- To create firms and credits register and its continuous updating
- To monitor credit transactions
- To cancel credits, after the conclusion of transactions.

It is a “locally based” **CO<sub>2</sub>e voluntary credits exchanging platform** that guarantees the needed flexibility of regional markets.

Once that data has been collected from farmers and their CO<sub>2</sub>e sequestration capacity has been calculated, credits are saved into the project database and then uploaded on MAP. Then the matchmaking process starts, crossing selected offer and demand. The potential buyer can consult the platform and he has the chance to consider the offers and choose credits from one or more farmers.

At the end of the phase, after the final check of compliance, the GECO2 project management allows the economic transactions between the parties and checks the effective payment of the credits.

By recording market transactions and guaranteeing the withdrawal of sold credits, MAP acts as a public registry and ensures the traceability and transparency of transactions.

MAP records the demand and supply of carbon credits in the project selected sectors and ensures the transparency of transactions. At the end of the process, it acts as a public register, recording market transactions in an ad hoc public database, guaranteeing the withdrawal of credits sold, in order to create market constant traceability and assure transparency to the management model. The project platform/database could also play a pilot role in building a regional observatory measuring and controlling CO<sub>2</sub> emissions and absorptions and supervising a future locally based CO<sub>2</sub>e voluntary market.

## Technical contents:

Use of an open-source software earmarked to manage a database with the following features:

- Easy to use
- Multi access
- With a potential room for a development
- Ready to be transformed in the future in a more complex and safer system with special reference to GIS and blockchain technologies.

Link to the MAP platform: <http://geco2.iamb.it/>