

AGROECOLOGY ITALY



Project Partner: Alberami Srl Società Benefit	Project Country: Italy	Project Region: Puglia, Tuscany, and various Mediterranean communities across Italy
Project Type: Soil Carbon & Agriculture	Certification Standard: International Carbon Registry (ICR)	CO₂ Impact in Tons per Year: 1,142,682tCO ₂

Description of the project:

Italian agriculture currently faces severe challenges from soil degradation and climate change, as traditional monocultures deplete soil organic carbon, weakening soil fertility, water retention, and resilience to extreme weather. AgroEcology Italy addresses this by pioneering the country's first verified carbon farming initiative, empowering small and medium-sized farmers to transition from conventional to regenerative practices that restore Mediterranean ecosystems.

The project supports the adoption of thirteen evidence-based regenerative practices, from cover cropping and reduced tillage to compost, biochar use, and agroforestry. Farmers receive technical support and training to integrate these practices, which increase soil carbon sequestration while improving productivity and reducing chemical dependency. A robust Monitoring, Reporting, and Verification (MRV) system, combining soil sampling, remote sensing, and dynamic modelling, ensures the carbon measurement integrity of the project. Carbon finance covers upfront costs and channels revenue from high-integrity soil carbon credits, enabling changes that go beyond regulatory requirements and common practice in Italian agriculture.

Beyond its climate impact, the project delivers vital co-benefits including biodiversity restoration through the creation of pollinator habitats and hedgerows. It fosters rural revitalization by providing farmers with "Participation Credits," ensuring they receive the majority of credit revenue to support their economic stability. This inclusive approach particularly supports women-led teams and provides the technical training necessary for long-term land stewardship.

Key outcomes:

- Guarantees high-integrity soil carbon removal credits.
- Boosts resilience and productivity by improving soil health, water retention, and reducing chemical inputs.
- Restores biodiversity via hedgerows, pollinator habitats, and diversified agroecosystems.
- Empowers farmers and rural communities by channeling revenues to smallholders.



New Olive Orchard in Castro



Ostuni (BR) Home to Alberami's
Operations headquarter



Millennial Olive Orchard in Maruggio

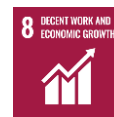
Supported SDGs



Boosts farmer income and reduces regional poverty through climate finance.



Enhances productivity and preserves ecosystems through resilient agricultural practices.



Creates jobs and fosters local economic growth via carbon credits.



Promotes innovation in sustainable agriculture and scientific research.



Lowers environmental impact and enhances resource efficiency in farming.



Directly decreases greenhouse gas emissions and increases resiliency to climate change.



Restores biodiversity and terrestrial ecosystems in Italian farming regions.



Partners with various sectors to accelerate global SDG progress.