HELIOPOLIS UNIVERSITY · CARBON FOOTPRINT CENTER (CFC)

Carbon Footprint
HU Report 2025

Organic agriculture projects, carbon credit work and footprint assessments across Egypt

Introduction

The Carbon Footprint Center (CFC) is a research center at Heliopolis University for Sustainable Development dedicated to advancing climate action in Egypt. It conducts carbon footprint and baseline assessments, provides technical consulting, manages research and community development projects, and develops carbon reduction initiatives. Its work includes preparing Project Design Documents and monitoring reports to support high-quality climate mitigation projects.

2025 highlights

700 smallholder farmers supported in Matrouh	**52,639** trees planted	**12,322 t** organic compost produced
24 solar PV units installed	**17** shipment emission assessments for Lotus Company	**10,000** carbon credits sold with CFC's support

Progress against 2025 targets

Trees planted: 52,639 of 108,000 target (49%)

Organic compost: 12,322 of 26,000 tons target (47%)

1. Research and projects

Toward Organic Agriculture in Matrouh Governorate

Two-year initiative · 700 smallholder farmers

Supports smallholder farmers with training, inputs and resources to adopt organic farming. Farmers can reach organic value chains and premium markets, improve soil health, reduce chemical use and emissions, and earn extra income through carbon credits.

- Developed training modules on women's empowerment, organic agriculture, composting and carbon credits.
- Planted 52,639 trees toward the target of 108,000, with SEKEM, EBDA agronomists and local farmers.
- Produced 12,322 tons of organic compost toward the target of 26,000 tons.
- Conducted 18 training sessions for farmers.
- Installed 24 solar PV units.

Organic Agriculture and Ecosystem Restoration in South Sinai

Three-year project · 252 farmers

Promotes sustainable agriculture and ecosystem restoration to strengthen livelihoods and resilience. It focuses on organic farming practices, aromatic and medicinal crops, market access, a Multifunctional Community Hub, and carbon credit and biodiversity preservation processes.

- Prepared and submitted the Project Design Document.
- Developed the budget annex.
- Prepared the risk register annex.
- Developed the schedule annex.
- Prepared the logframe annex.

Farms4Climate

EU-PRIMA funded · 36 months

A large-scale initiative to establish smart governance for agroecological carbon farming. CFC supports the Living Lab at the SEKEM Wahat Farm.

- Finalized the project and submitted the financial and technical reports.

2. Carbon reduction projects under EOL and Ormex group

Feasibility assessment and baseline report

Three projects

- Saudi Coffee Company (EMAR Company)
- South Sinai Project
- Matrouh Project

Managing and selling carbon credits (Economy of Love)

Up to 10,000 credits

Contributed to the sale of up to 10,000 carbon credits through the registry by coordinating with stakeholders and ensuring proper certification.

Project Design Documents

Three projects

Detailed project scope, objectives, methodology, standards compliance, implementation framework and monitoring mechanisms to support the transition to organic and regenerative agriculture.

- Ormex Standard Project
- Towards Organic Agriculture Project
- Organic Agriculture and Ecosystem Restoration in South Sinai Project

Monitoring report

Ormex Standard

Prepared the monitoring report for the Ormex Standard, including data collection, performance analysis, compliance verification, and documentation of progress against organic and regenerative agriculture requirements.

Updating EoL methodology

With the Economy of Love (EoL) team

Compared different standards and contributed to updating and editing the methodology in parallel with the EoL team.

Ormex_EoL Project

10,000 farmers · 120,000+ credits expected yearly

Aims to support 10,000 farmers in Egypt in moving from conventional to organic and regenerative agriculture on reclaimed agricultural land, following Ormex Standard guidelines, biodynamic principles and organic practices. The project seeks to promote sustainable land use and long-term agricultural resilience. Expected carbon credits: more than 120 thousand tons yearly.

3. Carbon footprint assessments and reports

LinkMisr
Five factories and headquarters

Conducted carbon footprint assessments and submitted the final report.

Concrete
HQs and factories

Conducted a carbon footprint assessment and report.

Paste Juice
Factory

Conducted a carbon footprint assessment and report for a Paste Juice factory.

Heliopolis University
University

Conducted a carbon footprint assessment and report for Heliopolis University.

SEKEM Group
Group

Conducted a carbon footprint assessment and report for the SEKEM Group.

Shipment calculation and assessment
Lotus Company · 17 assessments

Conducted 17 shipment emission calculations and assessments and supported the offsetting of shipment emissions.

Source: CFC Annual Report 2025, Heliopolis University for Sustainable Development.