SDG 13: Climate Action

UN Sustainable Development Goal Target: Take urgent action to combat climate change and its impacts.

EXECUTIVE SUMMARY - SDG 13: CLIMATE ACTION

Heliopolis University (HU) actively advances SDG 13: Climate Action through an integrated model of higher education, scientific research, community development, and operational practice.

1. Key Institutional Achievements & Initiatives (2025)

- **100% Carbon Footprint Offset:** University measured footprint (4,602 tCO2e across Scope 1, 2, 3) offset 100% via voluntary carbon credit markets.
- **ISO Certified Carbon Accounting:** Carbon Footprint Center double-certified under ISO 14064-1:2018 and ISO 14064-2:2019.
- **Matrouh Organic & Carbon Project (TOAP):** Placed 52,639 trees, generated 12,322 tons compost, and installed 24 solar PV units across 700 small farms.
- **Farms4Climate EU-PRIMA Project:** Living Lab in Bahariya Oasis generating 400 tCO2e carbon credits and testing Enhanced Rock Weathering (ERW).
- **Global Climate Representation:** Delegation and contributions delivered at UN Climate Change Conference COP30 in Belém, Brazil.

2. Key Performance Metrics & Data Summary

Performance Metric / Indicator	2025 Reported Value
Carbon Footprint Offset Rate	**100%**
Measured Carbon Footprint (Scope 1,2,3)	**4,602 tCO2e**
Trees Planted in Matrouh Project	**52,639 Trees**

3. Contributing University Faculties, Centers & Ecosystem Partners

- Carbon Footprint Center (CFC)
- Center of Organic Agriculture in Egypt (COAE)
- Office of Sponsored Programs