SDG 15: Life on Land

UN Sustainable Development Goal Target: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

EXECUTIVE SUMMARY - SDG 15: LIFE ON LAND
Heliopolis University (HU) actively advances SDG 15: Life on Land through an integrated model of higher education, scientific research, community development, and operational practice.

1. Key Institutional Achievements & Initiatives (2025)

- **Tree Planting & Reforestation:** Planted 52,639 trees through Matrouh TOAP initiative to combat land degradation and desertification.
- **Soil Health Restoration (SUS-SOIL):** Living Lab co-designing soil carbon sequestration, organic matter enhancement (+30%), and erosion prevention.
- **Biodynamic & Organic Certification:** Supporting 3,738 farmers under Demeter and Economy of Love standards to regenerate soil vitality.
- **Compost Production:** Produced 12,322 tons of organic compost to enrich depleted desert soils and enhance soil biodiversity.
- **Qubbah El-Hassana Protected Area Project:** Science Club environmental education protecting local Egyptian natural heritage and biodiversity.

2. Key Performance Metrics & Data Summary

Performance Metric / Indicator	2025 Reported Value
Trees Planted	**52,639 Trees**
Compost Produced for Soil Health	**12,322 Tons**
Soil Organic Matter Increase (Living Lab)	**+30%**

3. Contributing University Faculties, Centers & Ecosystem Partners

- Faculty of Organic Agriculture
- Soil Research Laboratory
- Carbon Footprint Center (CFC)