SDG 6: Clean Water & Sanitation

UN Sustainable Development Goal Target: Ensure availability and sustainable management of water and sanitation for all.

EXECUTIVE SUMMARY - SDG 6: CLEAN WATER & SANITATION
Heliopolis University (HU) actively advances SDG 6: Clean Water & Sanitation through an integrated model of higher education, scientific research, community development, and operational practice.

1. Key Institutional Achievements & Initiatives (2025)

- **100% Campus Wastewater Recycling:** All campus wastewater is treated on-site and reused for landscaping and agricultural irrigation.
- **WATDEV East Africa Project:** Multi-national project developing climate-smart water management and Best Management Practices (BMPs) in El-Sharkia, reaching over 1,000 beneficiaries.
- **Participatory Groundwater Monitoring:** GWS-SENCE project expanded monitoring to 28 wells in Sharkia, equipping farmers with testing devices for EC, pH, and nitrates.
- **National Water Research Center Partnership:** MoU supporting applied research, technical training, and low-cost wastewater treatment technologies.
- **Water Engineering Curriculum:** Specialized B.Sc. and M.Sc. programs in Sustainable Water Engineering and Management.

2. Key Performance Metrics & Data Summary

Performance Metric / Indicator	2025 Reported Value
Campus Waste Water Recycled	**100%**
Beneficiaries Reached in WATDEV Project	**1,000+**
Groundwater Wells Monitored Participatorily	**28**

3. Contributing University Faculties, Centers & Ecosystem Partners

- Faculty of Engineering
- Rural Development Center (RDC)
- Campus & Operations Unit