

Annual Report for SDG6

Clean Water and Sanitation

In the year 2023/2024, BUC has taken many positive steps towards water conservation and to achieve SDG 6 (Clean Water and Sanitation):

1. BUC has increased the quantity of wastewater treated by the Decentralized Wastewater Treatment System, which can currently treat about 120 m³/day, where the operating time has increased to 12 hours per day.



2. The community in Badr City is also suffering from high iron and manganese concentrations in the drinking water, BUC has solved this issue, where it succeeded in designing and manufacturing a treatment unit to remove iron and manganese from water.



3. BUC has hosted the "2nd International Scientific Conference 2024", which addressed the issue of water security. Recommendations of this workshop included many points related to water security and water conservation in the community, specially industries.



4. BUC is cooperating with local, regional, national or global governments on water security issues:
- Cairo University "Scientific Research Administration"
 - National Research Center
 - National Research Center and Desert Research Institute in Nevada, USA
 - Galala University
5. BUC hosts annually a national initiative named Children's University. It is a program based on the education for Sustainable development (ESD) for the community. One of the Major programs in this initiative is water resource management.

