

Annual Report

SDG7 Clean Affordable and Clean Energy (updates 2023 vs. 2024)

In the year 2023/2024, BUC has taken many positive steps towards energy conservation and to achieve SDG 7 (Clean Affordable and Clean Energy):

1. BUC has hosted the "**World Environment Day Workshop** on the 5th of June 2023", in which we discussed opportunities for energy saving and the use of clean energy. Recommendations of this workshop included many points related to energy conservation in the community, specially industries. BUC has invited people of all classes and people from surrounding community, as well as national, regional, and local stakeholders to attend this event.



2. BUC hosts annually a national initiative called (**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 energy-efficient technology and movement toward 100% renewable energy.
3. BUC is still participating in a **Mega project** titled "Integrated biofuels, aquaculture and agriculture project utilizing non-agricultural grade land and untreated seawater" as an academic consultant. In this project, Algae, Vegetable Oil & Biofuel will be produced.
4. One of BUC staff (Ass. Prof. Mohamed Khaled) is a **Chairman of the Sustainable Projects and Environmental Engineering Committee**, Made in Egypt Eco & Green institution. One of the committee tasks is to promote public pledge toward 100% renewable energy.
5. **Badr University Foundation for Community Development** was also developed for community economic development in many fields, such as energy.
6. **BUC and the Business Incubator for Green and Smart Technology** at BUC have funded many students projects.



**DESIGN And
FABRICATION OF
FORKLIFT**



**Electric Scooter For
Disabled And Elderly
Peoples**



**Design and Construction of
Photovoltaic Station for
Carpark**



**Design of RO sea water
desalination unit powered
by solar tracking system**