



## The College of Engineering team develops a robot to clean the seas of violations and oils and wins second place in the National Initiative for Smart Green Projects- November 2022

Prof. Abdel Aziz Konsowa, President of Alexandria University, congratulated the team of the Faculty of Engineering, Alexandria University, for winning second place in the National Initiative for Smart Green Projects, Start-up Category, with the Environmentally friendly robot project, which 15 students from the Faculty of Engineering participated in implementing during the COP27 summit.

Student Saif Al-Din Ahmed Mukhtar, one of the students participating in the winning project, explained that the idea of the project is an environmentally friendly robot or vehicle that moves using electricity and solar energy without using any type of emissions, in order to remove waste and oils from the seas and collect important statistics about the extent to which life is affected. Marines are affected by climate change, such as coral reefs and fish. He said that the goal of the vehicle is to protect the environment from waste. He explained that the goal is to clean ports and coasts contaminated with any form of waste, especially plastic, to preserve the environment and marine organisms. He stressed that the robot is capable of diving under water.

It is worth noting that many major companies were enthusiastic about adopting the project during the COP27 summit to develop the idea and expand it to serve Egypt and the world.

