

Energy and Climate Change (EC)

Number of innovative program(s) in energy and climate change

		
<p>1-"Electric Car" project (Tanta University, Egypt)</p>	<p>2-Solar power energy project (Tanta University, Egypt)</p>	<p>3- Solar-powered water desalination unit (Tanta University, Egypt)</p>
		
<p>4- Green Hydrogen Production (Tanta University, Egypt)</p>	<p>5- Bio diesel Production (Tanta University, Egypt)</p>	<p>6- Waste Recycling (Tanta University, Egypt)</p>

Description:

According to Tanta University's commitment to climate change, the university has launched six programs to confront climate change and develop innovative solutions to mitigate its impact.

These programs are as follows:

- 1- Tanta University has developed "Electric Car" project which has remarkable impact on reducing reliance on fossil fuels.
- 2- Tanta University installed and operated solar panels in some of their buildings for producing renewable energy to reduce purchased electricity which has a great impact on climate change mitigation problem solution.
- 3- Tanta University implemented an innovative program for water desalination by using solar energy which contributes to conserve water and energy at the same time.
- 4- Tanta University has applied an innovative program for producing "Green Hydrogen" to use it in clay bricks production which contributes to save energy used through production process and reducing its cost and has a remarkable impact on climate change mitigation problem solution.
- 5- Tanta University has launched an innovative program for producing bio diesel by recycling used vegetable oils which contributes to provide sustainable energy source instead of fossil fuels.
- 6- Tanta University has implemented an innovative program for recycling rice straw and plastic waste by mixing them to produce wooden products.