



# Energy & Climate Change Programs






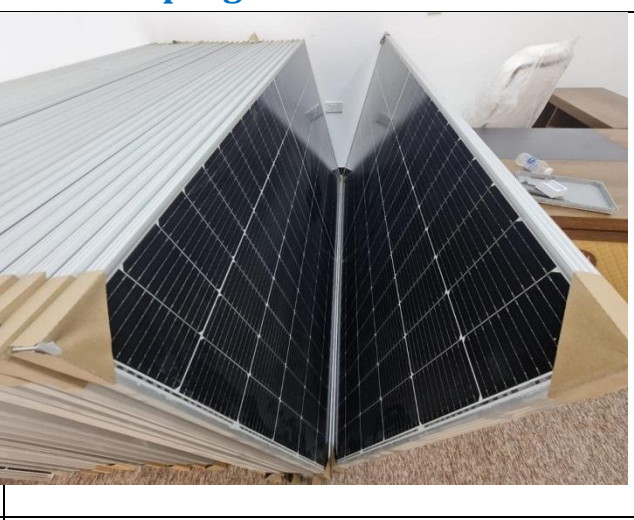
## Program of carbon management and reducing carbon dioxide emissions

1. The 2nd bicycle parking station encourages commuters to adopt healthy and sustainable transportation options. (Carpool)
2. Using Solar energy for electricity that reducing purchased electricity
3. Reducing number of charging parking for private vehicle to reduce vehicle in campus
4. Using Wind Energy for electricity that reducing purchased electricity
5. Greenhouse
6. Development Agriculture Methods

### The Plans would be achieved through:

- 1- Develop plans to increase the efficiency of renewable energy at the university commensurate with the amount of energy consumed
- 2-Installation stations to produce renewable energy
- 3- Increasing the efficiency of renewable energy, especially from the sun and wind
- 4-Providing sustainable buildings in all university formations

#### 2.1.1. Greenhouse Gas emission reduction program

	
1- The bicycle parking station (AL-Furat AL-Awsat Technical University)	2- Solar energy System (AL-Furat AL-Awsat Technical University)



	
<p>3- Limiting number of Charging Parking (Al-Furat Al-Awsat Technical University)</p>	<p>4. Wind Energy(Al-Furat Al-Awsat Technical University)</p>
	
<p>5- Greenhouse (Al-Furat Al-Awsat Technical University)</p>	<p>6- Development Agriculture Methods (Al-Furat Al-Awsat Technical University)</p>

### 2.1.2. Program to Limit Parking Area

Program to limit or decrease the parking area on campus for the last 3 years (from 2021 to 2023))

1. Limiting parking to control on the space of parking and Specifying a station for lending bicycles for all population inside the campus parked at a place near the buildings or study halls.
2. Free to rent bicycles on campus to reduce Emissions
3. Encourage students and staff to use public or private mass transportation.



4. Free Bus to reduce the number of cars at the university
5. Without a permit from the Permits Department, vehicles are not allowed to enter the university campus. All the vehicles of the university's staff are subject to scrutiny to entering the campus.
6. Holding awareness workshops on the impact of emissions on the environment and the importance of protecting them from pollution to maintain its sustainability.
7. Only staffs are allowed to use the on-campus parking areas, and the students' parking area is outside the colleges of the university campus.
8. The university provides a parking area for bicycles to provide transportation within the university campus, which is one of the essential steps to reduce emissions at the university.
9. Increase the green area on the campus.
10. The availability of taxi applications in Iraq, such as the Taxify, Taxireem,... applications, enabled many students and employees to get a taxi quickly and smoothly, which reduced the use of private cars on the university campus
  - Limiting the number of Car parking on the campus
  - Car parking outside the campus to reduce emission

