

S. No.	Standard Items/Indicators	Additional item/indicator activities at the university level	Activities for each item/indicator at the faculties level	Annex
4.6	Greenhouse Gas Emissions Reduction Program and Return on carbon certificates	<ul style="list-style-type: none"> <li>Based on the action taken by Assiut University according to the program of rationalizing the use of electric power over the past years in general and the last three years in particular, the gas emissions of carbon dioxide (CO<sub>2</sub>) have been reduced. <u>Considering that reducing 1 kWh reduces carbon dioxide emissions by 0.50 kg CO<sub>2</sub> equivalent, as follows:</u></li> <li>According to the rationalization of consumption in electrical power, the energy consumed for the year 2022 decreased by about 5.059 GWh compared to the consumption of 2021, which means a</li> </ul>		Annex (4.4.1) Annex (4.4.2)

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		<p>reduction in carbon dioxide (CO<sub>2</sub>) emissions of 2,530.0 tonnes of (CO<sub>2</sub>) equivalent compared to 2021 and because of the action taken by the university to conserve energy, raise efficiency, and improve its efficiency.</p> <ul style="list-style-type: none"> <li>• The decrease in carbon dioxide (CO<sub>2</sub>) emissions in 2022 compared to 2021 has occurred despite operating the Trauma and Emergency Hospital as of July 2021 (Annex 4.4.1).</li> <li>• Emissions, equivalent to 5,259.0 tons of carbon equivalent, are reduced because of the reduction in annual consumption in 2022 compared to 2019, despite the completion of the operation of the Faculty and Hospital of Dentistry and the Faculty of Veterinary Medicine Hospitals in 2019. As well as the loads for the faculties of fine arts and kindergarten.</li> <li>• The value of the annual return from credits for low carbon dioxide emissions for 2022 amounts to about 75,900.0 euros.</li> </ul>		

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4.7	Projects implemented in the University to confront climate change	<ul style="list-style-type: none"> <li>7 projects will be implemented at a total cost of 1.5 million euros within the "Improving Energy Efficiency in University Buildings Project," in which 18 Egyptian public universities participate under the supervision of the Supreme Council of Universities and are funded by the German Development Bank (KFW). These projects are models that can be expanded in the future at the level of Assiut University and will lead to a reduction in consumption of about 3.2 GWh.</li> </ul>		<p>Annex (4.4.3)</p> <p>Annex (4.4.4)</p>