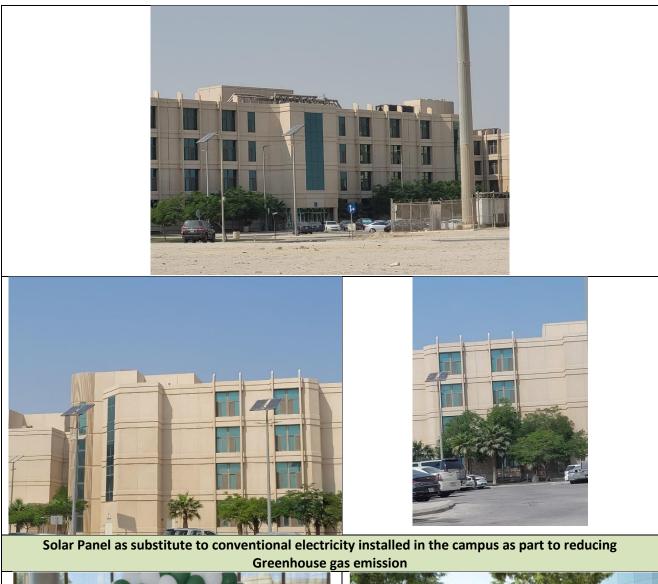


## Greenhouse gas emission reduction program

## IAU GREEN University Initiative without CO2





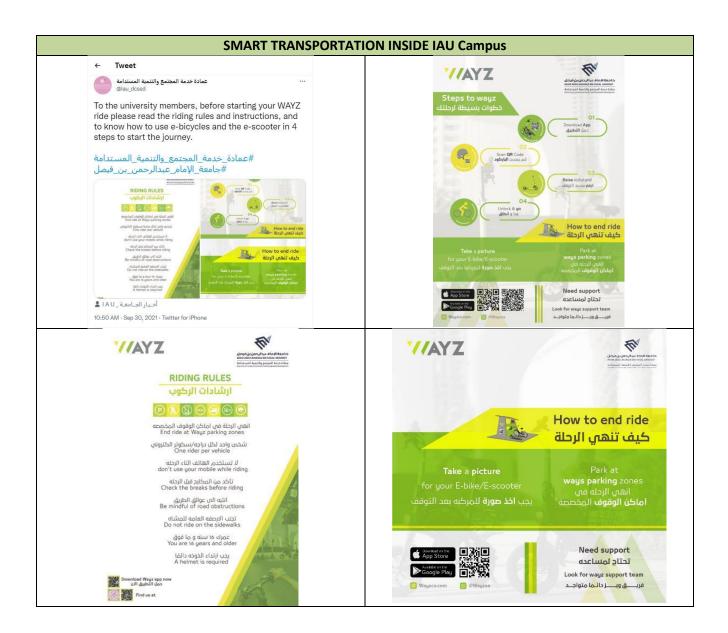
An initiative IAU GREEN without CO2, inaugurated by H.E. the President of IAU



E-Scooter initiative in IAU, in an effort to reduce Greenhouse gas emission









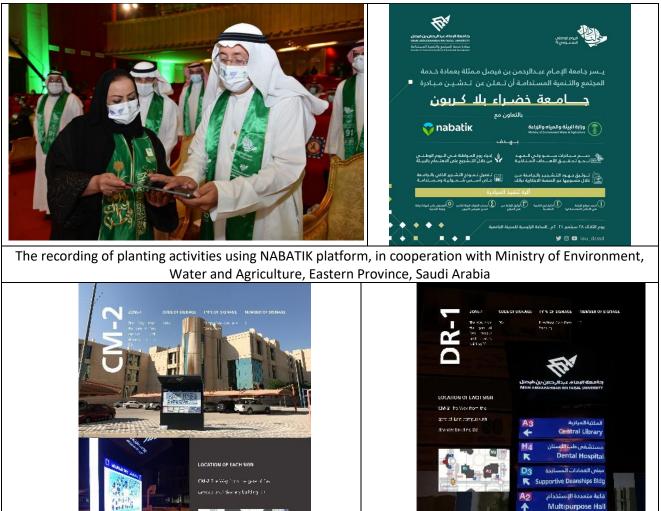


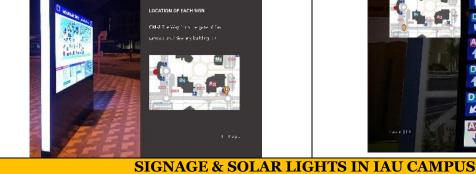




President Planting Tree to encourage faculty, staff and students











## **Description:**

- 1. Initiative of E-Scooters on rent for Staff & students, an initiative by IAU, to reduce Greenhouse gas emission
- **2.** Encourage environment caring by planting tree by H.E. The President of IAU E-scooter ride designed to encourage riders to adopt healthy and sustainable transportation options.
- 3. Solar Signage & Solar Lights in IAU Campus
- 4. Solar Panels to provide lights and substitute to electricity in the campus

## PART A: Sustainable system for Outdoor Signage

The Imam Abdulrahman Bin Faisal University provides an inclusive and sustainable wayfinding system. The system is designed and provided by the Inclusive Design Unit. Its signage design, location, and numbering strategies are utilized to ensure continuity within the Campus building and facilities, help maintain their integrity, and make them highly legible comprehensible by all potential on-campus and off-campus users. The system comprises the Exterior and Interior Graphic Wayfinding system.

The established geo-functional Information delivery approach handles a large amount of complex data that- when mainly referred to its spatial derivation- can be identified, intertwined, be combined, and crossed to different levels of communication complexity depending on the functional purpose of the environmental conversation.

The outdoor signage is designed to be integrative and eco-friendly. Sustainability features are demonstrated as follows:

- 1. Sustainable system in terms of its material, energy-saving, and costs
- Mainly, adopting a clean green energy system that produces electricity in a direct electricity generation way that is independent of the main university electric supply (i.e., Photovoltaic power system with LED lighting for all outdoor signage with embedded lighting);
- 3. Durable and Eco-Friendly materials (structure and finishing materials) as well as PV system components that weatherproof and suitable materials for the region;
- 4. An adaptable system that will work with all existing and future settings and buildings;
- 5. Easy to maintain and flexible for future expansion;
- 6. Available kit of parts for maximum changeability to accommodate phased implementation and future growth of institution;
- 7. Intentional flexibility considering the non-static and changeable nature of the numbers of buildings, facilities, and their indoor and outdoor components, a character that requires reconfiguration of spaces and their associated numbers.



Additional evidence link (i.e., for videos, more images, or other files that are not included in this file)

https://twitter.com/UOD\_EDU\_SA/status/1442817093112586243

https://saudigazette.com.sa/article/611596

https://www.youtube.com/watch?v=eBmbc577Cv4