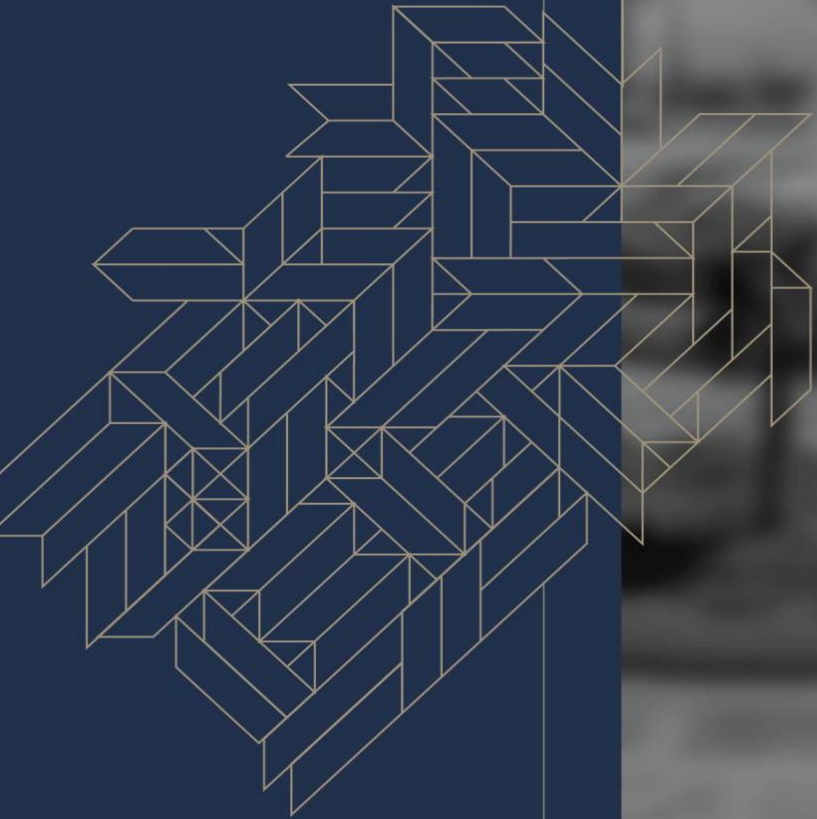




جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY



SDG 7.2.5
Energy Waste
Identification
2022-2023

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1. Signed a memorandum of understanding with the Gulf Laboratory Company for Electrical Equipment Inspection.

His Excellency the President of IAU Prof. Dr. Abdullah Al-Rubaish, signed a memorandum of understanding with the **Gulf Laboratory Company for Electrical Equipment Inspection**. The company was represented by CEO Eng. Saleh Al-Omari, in the presence of the Dean of the College of Engineering, Dr. Murad Al-Thubaiti.



3:21 PM - Oct 24, 2022

https://twitter.com/IAU_KSA/status/1584520569055490048

2. IAU Consulting Center for Buildings Energy

The given webpage link (refer to About section and Scope of work section) describes about the “**consulting center for buildings energy**”, a body accredited by IAU Institute of Consulting Studies to deliver training and consulting services in field of engineering related rationalization of energy consumption. Its scope of work includes training, education and workshops in the areas of sustainability, green buildings and energy conservation. It also includes energy efficiency studies and audits of existing buildings; consultations about the efficiency of air conditioning systems; and consultations about the solar energy.



The screenshot shows the website interface for the Consulting Center for Buildings Energy. The top navigation bar includes links for E-SERVICES, EMAIL, STUDENTS, HUMAN RESOURCES, ALUMNI, LIBRARY, ADMISSION, NEWS, EVENTS, JOBS, DIRECTORY, CONTACT, and عربي. The main header features the university logo and name in Arabic and English, along with a search bar. A secondary navigation bar lists various university departments. The breadcrumb trail indicates the current page location: Home / Administration / Centers / Institute of Consulting Studies / Services / Experience Houses / Consulting Center for Buildings Energy. The main content area is titled 'Consulting Center for Buildings Energy' and includes sections for 'About', 'Vision', 'Mission', and 'Objectives'. A sidebar menu on the left provides quick access to various pages within the Institute of Consulting Studies.

Institute of Consulting Studies

- About
- Dean's Message
- Organizational Structure
- Services
 - Experience Houses
- Publications
- Gallery
- Our Partners
- Contact Us

Consulting Center for Buildings Energy

About

It is a body accredited by IAU Institute of Consulting Studies to deliver training and consulting services in field of engineering related rationalization of energy consumption.

Vision

Toward a specialized hub for consulting services and training in field of buildings energy.

Mission

High quality services of innovative methods for achieving development socially, economically, and environmentally.

Objectives

- To invest the capabilities available at the university in terms of laboratories, simulation software,

<https://www.iau.edu.sa/en/administration/centers/institute-of-consulting-studies/services/experience-houses/consulting-center-for-buildings-energy>

3. IAU Strategic Plan 2018-2025

The given webpage link shows the Strategic plan of IAU 2018-2025. This plan explained its alignment between KSA Vision 2030 and IAU strategic goal V-Sustain IAU campus environment.

Under IAU Strategic Goal V, refer page no. 100, 101, 144, and 147, which describes about the energy efficiency:

- Initiative 5.1.1.5,
- KPI 5.1.1.5,
- Initiative 2.4.1,
- Initiative 3.2.1,
- Initiative 3.2.4,
- Initiative 3.2.5



https://www.iau.edu.sa/sites/default/files/iau_straplan_en_20jun2019.pdf

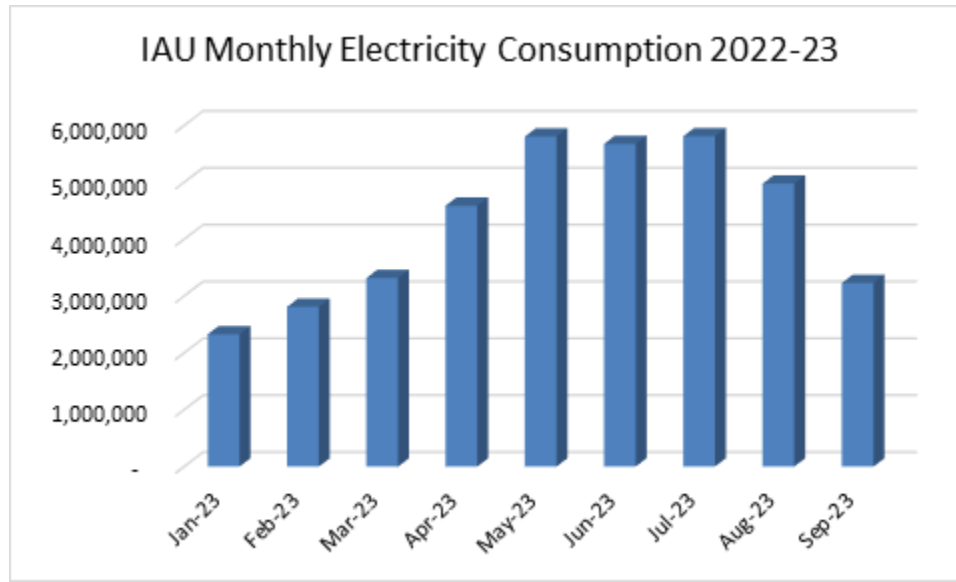
4. IAU Active Participation in Global Event to the rationalization of Energy Consumption

The given IAU Webpage link (refer to 1st paragraph) shows the participation of IAU in Earth Hour, a global event by turning off external and unnecessary lights of the university campuses buildings for one hour. This attempt contributes to the rationalization of energy consumption to confront global warming.



<https://www.iau.edu.sa/en/news/iau-participates-in-earth-hour-by-turning-off-buildings-lights>

5. Electricity Usage per Year (in Kilowatt hour)



Description:

The **total electricity usage** of IAU all campuses in 2022-2023 was **38,546,236 kWh** and the monthly average usage is **4,282,915 kWh**.

On the main campus area of IAU University electricity is used for lighting, cooling, heating and laboratory appliances.

