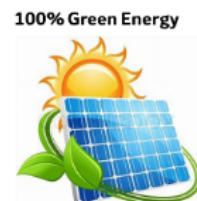


13.2.2 Indicator: Low-carbon energy use

IU is committed to the United Nations call for the reduction of carbon emissions and we work hard to reduce emissions by 43% by 2030 and reach zero by 2025. To achieve that IU worked on the following:

1. Nearly 100% of our campus electricity comes from renewable resources, specifically solar energy, at the Isra University Solar Plant. One of the four invoices illustrates this consumption:



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2. We used energy-efficient curtains in the university offices and classrooms to help reduce energy consumption.
3. Automating course files: Convert all paper course files into electronic format for each course resulting in reduced paper consumption.
4. 80% of faculties use renewable energy for heating
5. Provide free transportation to all students and staff to reduce traffic congestion. Using group transportation in a single vehicle lowers carbon dioxide emissions.
6. The percentage of online and hybrid courses has been increased to reduce traffic and, consequently, the environmental impact, as transportation is a significant emitter of carbon dioxide. This change aligns with the Ministry of Higher Education and Research (MoHR) requirements. During the 2023-2024 period, the university saw a rise in online courses, contributing to a reduction in carbon dioxide emissions. To facilitate this initiative, the university has designated Thursdays for online and hybrid classes, meaning that students will not need to come to campus on Thursdays, Fridays, and Saturdays.

**100% Electronic
Course Files**



80% Faculty Heating



8. Isra University switched to LED bulbs, reducing energy consumption for lighting by 50%. Guidelines were also implemented to turn off lights in unused offices and to activate screen savers on idle computers.
9. Isra University aims to prioritise quality and sustainability in all our purchasing and contracting practices. Each year, we review our contracts to identify any violations.
10. Isra University has developed a dedicated **Climate Action Policy** as part of its institutional policies. This policy aims to minimize the university's environmental impact by promoting diverse participation in sustainability initiatives and raising awareness of sustainable practices across the university community.

Waste Management and Recycling Procedure.	CS-04-001	سياسة العمل المناخي باللغة الإنجليزية	CS-04
Water Network Maintenance Procedure	CS-04-002		
Monitoring and Evaluation Procedure.	CS-04-003		
Alternative and Renewable Energy Implementation Procedure.	CS-04-004		
Educational Programs and Community Awareness Campaigns.	CS-04-005		
Transportations Service Procedure.	CS-04-006		

11. All our solid waste is managed by a recycling company. For example, we have a partnership with this company where we exchange wastepaper for new recycled paper.
11. All the chemical and organic waste is contracted through the Ministry of Health for a sustainable disposal strategy.
12. We increased planting to increase the green space within the 300,000 m² campus.
13. Jordan has very limited water resources. At IU, we treat wastewater and recycle 37.5% of it for irrigating our plants. We consume 16,000 m³ of water annually, with the water treatment plant providing 6,000 m³. In 2025, we plan to invest in additional water treatment facilities to purify water for other uses.