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:



	كشوفات البقائقة									100% Electron Course Files										
MA	4000			-	***		-	-	-		-	tonili.	-	-	***		ma.	~~	SHEET.	Coursernes
	02949920	12.291	16,163		04,000		0.		1,431	196,791	151,000	1,396	103,094	108,690	202361	2014001720	0040709090198	31067961	Spott of the last	
-	12/04/00/23	cane	01,761		95,941		100		1,443	167,000	SHART	1.109	104,490	100,010	303/2	20190001303	204270506768	PHANCES	Apart Apart Street	
	00042529	7 864	75,660		68,289				1,062	150,007	160,747	618	100,015	106,265	250,3400	201000120	SEALITED COLUMN	2100/000	Sant Hall Sales	
	114660502	7.000	0.09		71,685				3,821	162,747	105,766	630	190,340	196,823	200004	2010001223	254E710090199	21687983	Sport of pull body	0
-	694982522	e1.606	79,296		73,076				1,797	165,766	100,000	610	100,000	107,536	302399	2010001703	5640700000198	(respired)	NAME AND POST) - /= /
	245ASSS2	61.674	75,500		19,316			1	1,341	160,363	175,600	800	107,600	194,130	202300	20190000100	MANUFACTURE THE	31687003	باستا الدراء البيويا	7
	69992023	10.000	74,536		74,989				3,891	170,600	1927	291	108,101	108,422	псии	29188001000	064070300188	\$166F663	بالمة الدراء التبلية	
	16/1/2003	W 200	12,249		79,526	. 0			2,796	unre	176,460	214	108.425	198,836	202549	281-3600-001	0940700000100	31687963	Speed on paid Service.	
_	1601000	10.404	D.49		81,040				1968	199,460	179,211	411	100,000	106,681	move	жинеж	08.8E27003R0198	51997962	Manager Ada	
-	16/11/08/20		84,883		83,486		. 0		ON	178,31	100,00	364	101.01	100,815	202916	2014000 ZC	0907000010	31987983	Spell cycle bear	
-	91/10/00/01	-	M.29		94,800				136	180,00	181,211	887	100,61	118,51	30091	201440000	09407(988010	1760765	Special and	
	2012000		86,475		95,000				3,011	18131	1030	575	110,01	2 111,00	20001	201000030	25407(600)78	N STREET	parties.	
_	OMOSOS OF	-	-		96.675				Uni	149,30	181,25	60	111,00	111,71	20040	201460730	054575908078	s 2100700	Ship Charles	
_	exesons.	-	89,78		87,960				1,311	196.00	187,00	436	HUZ	112.16	2040	2019800720	204073109071	3166790	See France	1
	1909/20	-	-		25.09				1,00	187,0	99.80	1 300	102,0	E 113,48	9 3045	201000010	0542708801	3168798	Sec. of the	
_	3575	10.79	-		84.65				136	100.0	91.0	0 200	110.4	112,7	1000	21111012	22407000001	2100700	Seed to be been	

- 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
- Provide free transportation to all students and staff to reduce traffic congestion. Using group transportation in a single vehicle lowers carbon dioxide emissions.

80% Faculty Heating

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.

- 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		
Water Network Maintenance Procedure	CS-04-002		
Monitoring and Evaluation Procedure.	CS-04-003	e touch the test	~~ ~
Alternative and Renewable Energy Implementation Procedure.	CS-04-004	سواسة العمل المناخى باللغة الإنجليزية	CS-04
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.