TIMES HIGHER EDUCATION / IMPACT RANKINGS EVIDENCE FACT FILE

SDG 7 / INDICATOR 7.2.4
Energy Efficiency Plan 2026–2030

Cyprus International University • North Cyprus – Türkiye • www.ciu.edu.tr



SDG 7	7.2.4	2026–2030
Affordable and Clean Energy	Plan to reduce energy consumption	Plan period

Purpose of this evidence file

This fact file answers THE Impact Rankings SDG 7 measure 7.2.4: “Does your university as a body have an energy efficiency plan in place to reduce overall energy consumption?” The answer is yes. Cyprus International University (CIU) has an Energy Efficiency Plan for 2026–2030 that sets a target, names owners, and schedules audits, metering, lighting, insulation, high-efficiency HVAC, building automation and renewable supply. Its first-year actions are carried in the 2025–2026 Sustainable Campus work package, and its long-term actions come from the Building Energy Efficiency Upgrade Plan 2025–2030 (7.2.2). The work package and the original 2024–2025 work plan are included as source evidence.

INDICATOR 7.2.4

Energy efficiency plan at a glance

CIU has a plan, with a target, named owners and a timeline, to reduce energy consumption across the campus.

The question and the answer

Question. Does your university as a body have an energy efficiency plan in place to reduce overall energy consumption?

Answer: yes. The CIU Energy Efficiency Plan 2026–2030 is in place. It covers all campus buildings, sets a 20% reduction in energy use intensity by 2030 against a 2025 baseline, and is carried out through twelve measures and a yearly work package.

Yes	−20%	12 + 45
Plan in place for the university as a body	Energy use intensity by 2030, against a 2025 baseline	Plan measures and annual work items with owners

Headline result

A plan for the whole university. The plan is a CIU-wide document. It applies to every campus building and is run by the General Secretary's office with Project and Technical Affairs, Campus Management and the Sustainable Energy Research Center.

Aimed at overall consumption. Measures target the main sources of use: audits, sub-metering and monitoring, lighting, insulation and windows, VRF air conditioning, building automation, new-building standards, renewable supply and user behaviour.

Turned into annual work. The 2025–2026 work package sets out 45 items in six packages with a lead, supporting groups and a monthly timeline; the energy and water package carries the first-year actions of the 2025–2030 upgrade plan.

Evidence scope

No.	Evidence item	Value / note
1	CIU Energy Efficiency Plan 2026–2030: commitment, targets, 12 measures, governance and timeline	Plan pages
2	Updated work package 2025–2026 with leads, supporting groups and monthly timeline	45 items • Appendix 1
3	Original Sustainable Campus and UI GreenMetric work plan 2024–2025	1 sheet • Appendix 2
4	Building Energy Efficiency Upgrade Plan 2025–2030 and Energy Efficiency Policy	7.2.2 and 7.2.1 files
5	Efficiency measures already in place and annual sustainability reporting	Progress page

WORK PACKAGE REGISTER

Work packages, 2025–2026

Six work packages with administrators, number of items and the period in which work is planned.

Ref.	Work package	Administration and support	Items	Period	Evidence
W1	**General topics**	Admin: Emre Soyer and Asil Azimli	10	Oct 2025 – Jul 2026	Appendix 1
W2	**Education**	Admin: Erbuğ Çelebi	2	Jul 2026 – Sep 2026	Appendix 1
W3	**Infrastructure**	Admin: Asil Azimli and Erbuğ Çelebi	4	Jan 2026 – Sep 2026	Appendix 1
W4	**Transportation and parking**	Admin: Asil Azimli and Emre Soyer • Supporting: Students for Sustainable Campus, Campus Management, Sustainable Energy Research Center	7	Jul 2026 – Sep 2026	Appendix 1
W5	**Energy and water**	Admin: Emre Soyer and Asil Azimli • Supporting: Project and Technical Affairs, Campus Management, Sustainable Energy Research Center, Students for Sustainable Campus, Engineering students, Academic staff, Sustainable Innovation Center	15	Oct 2025 – Sep 2026	Appendix 1
W6	**Environment, agriculture and food**	Admin: Asil Azimli • Supporting: Students for Sustainable Campus, Academic staff, Sustainable Innovation Center, Campus Management	7	Jul 2026 – Sep 2026	Appendix 1

Our approach

CIU uses one shared work package to coordinate sustainability work across the campus. Each work item has a named lead, supporting groups and a monthly timeline, and the work is measured against the UI GreenMetric key areas such as energy, water, waste, transport, education and green activities.

Link with the building upgrade plan

The items in the energy and water package marked A3 to A15 are the first-year actions of the Building Energy Efficiency Upgrade Plan 2025–2030 (7.2.2 fact file): energy audits, sub-metering, insulation, HVAC, automation, lighting, water efficiency, a green roof and LEED or BREEAM design for new buildings.

Closing statement

By giving every sustainability action a lead, a timeline and a place in a shared plan, CIU keeps its campus sustainability goals measurable and moves them forward month by month.

ENERGY EFFICIENCY PLAN 2026–2030

CIU Energy Efficiency Plan 2026–2030

The plan that reduces overall energy consumption across the university.

Commitment

CIU, as a body, will measure its energy use by building, set targets per square metre, and reduce consumption through audits, metering, efficient equipment, better building envelopes and automation, while supplying a growing share of the remaining demand from its own renewable plant. The plan builds on the 2025 Sustainability Report, the Energy Efficiency Policy (7.2.1) and the Building Energy Efficiency Upgrade Plan 2025–2030 (7.2.2).

Plan at a glance

Area	Main measures	Lead
1. Measure and monitor	Audit every building; sub-meter all buildings and connect them to central monitoring; set energy-use targets by building type	Project and Technical Affairs
2. Upgrade buildings	Lighting plan, insulation and windows, VRF air conditioning, building automation, efficient new buildings	Project and Technical Affairs, Campus Management
3. Supply cleaner energy	Operate and extend solar PV; commission CHP on biogas; solar thermal and wind	Sustainable Energy Research Center
4. Change behaviour	CO2 and energy displays, awareness events, high-efficiency purchasing, controlled printing	Students for a Sustainable Campus, Computer Center

Targets and indicators

Indicator	Target	By	How it is measured
Energy use intensity (kWh per m^2)	−20% on 2025 baseline	2030	Sub-meters and bills ÷ building area
Buildings sub-metered and on central monitoring	100%	2027	Share of campus buildings
Building automation coverage	60% now; all buildings	2029	Share of buildings with HVAC and lighting automation
Roof insulation of academic-zone buildings	52% now; all buildings	2029	Share of buildings insulated
Energy audits	Every building, ranked by saving potential	Annual	Audit register

ENERGY EFFICIENCY PLAN 2026–2030 • MEASURES

How the plan reduces energy consumption

Each measure is carried by an action in the 2025–2030 upgrade plan (7.2.2) and a work item in the annual work package.

Ref.	Measure	Plan reference	Timing	Lead	Status
E1	Energy audits: audit every building, starting with the Education and Humanities Center, and rank buildings by saving potential	A3, A4 • item 3	2025–2026	Campus Management	**In progress**
E2	Set the 2025 baseline and energy-use-intensity targets by building type; −20% by 2030	A8, T6 • item 7	2026–2030	Energy Efficiency Oversight Committee	**In progress**
E3	Sub-meters and smart meters in all buildings, connected to central monitoring and control	A5 • items 1–2	2026–2027	Project and Technical Affairs	**In progress**
E4	Complete the move to LED and smart lighting and adopt a campus lighting plan	A6	2026–2027	Technical Affairs	**In progress**
E5	Insulate all buildings, starting from the total area to be treated; double glazing on renovation	A10 • item 4	2027–2029	Project and Technical Affairs	**Planned**
E6	Replace HVAC with VRF and smart systems: Arts and Social Sciences, Education and Humanities, Rectorate and Library studied first	A11 • item 5	2027–2029	Project and Technical Affairs	**Planned**
E7	Automation of HVAC and lighting in all buildings; level of automation to be decided	A12 • item 6	2028–2029	Project and Technical Affairs	**Planned**
E8	Design new buildings to LEED or BREEAM standard	Item 15	From 2027	Project and Technical Affairs	**Planned**
E9	Operate PV and wind plants; commission the 800 kW CHP on biogas; extend renewable supply	Renewable energy (13.2.1)	2026–2028	Sustainable Energy Research Center	**In progress**
E10	High-efficiency purchasing (Energy Star or A+/A++ policy) and controlled printing	Procurement policy	Each year	Purchase Department, Computer Center	**Ongoing**
E11	Awareness: CO2 and energy displays in classrooms, student energy events	Work item • green activities	Each year	Students for a Sustainable Campus	**Ongoing**
E12	Annual energy performance report by building and a mid-term review in 2027	A16, A17	2026–2030	Energy Efficiency Oversight Committee	**Annual**

Operating rules from day one

Set-points. Keep heating and cooling set-points consistent across buildings and switch off systems in unoccupied rooms.

Maintenance. Service HVAC and check controls before each season; repair faults found by monitoring.

ENERGY EFFICIENCY PLAN 2026–2030 • GOVERNANCE

Governance, reporting and timeline

Who is responsible, how progress is reported and when the plan is reviewed.

Element	Arrangement
Administration	The work package is administered by Emre Soyer and Asil Azimli, with Project and Technical Affairs, Campus Management and the Sustainable Energy Research Center as supporting groups
Oversight	The Energy Efficiency Oversight Committee monitors compliance with the Energy Efficiency Policy (7.2.1) and the plan
Reporting	Annual energy performance report by building; sustainability report published each year (2023, 2024 and 2025 editions); mid-term plan review in 2027
Data	Monthly readings from sub-meters and PV logging held in the central monitoring system (ERTEK); annual figures published on www.ciu.edu.tr
Annual work	The Sustainable Campus work package is renewed each October with leads and a monthly timeline (Appendix 1 shows 2025–2026)

Timeline

Period	Milestones
2025–2026	Work package begins; first audits; baseline year 2025; Education and Humanities Center report
2026–2027	Sub-metering and central monitoring completed; lighting plan completed; energy-use targets set by building type; mid-term review in 2027
2027–2029	Insulation, VRF air conditioning and building automation delivered in stages; new buildings designed to LEED or BREEAM
2030	Plan assessed against the −20% target on the 2025 baseline; next plan prepared

ENERGY EFFICIENCY PLAN • PROGRESS REPORTED

Energy efficiency measures already in place

Coverage reported by CIU in its 2025 Sustainability Report, the base on which the plan builds.

Measure	Reported coverage	Plan next step
LED and smart lighting	All campus buildings	Complete lighting plan (A6)
Double-glazed windows	100% of buildings	Require on every renovation
VRF air conditioning	100% of buildings totalling 60,000 m^2, including the Science and Technology Building	Study further buildings (A11)
Roof thermal insulation	52% of academic-zone buildings; 75% projected by end of 2025	Insulate all buildings (A10)
High-efficiency equipment	80% (Energy Star or A+/A++ policy)	Keep policy for purchases
Natural daylighting	60% of buildings	Apply in new design
Building automation	60% of buildings	Full automation (A12)

Annual reporting

CIU publishes a sustainability report each year (2023, 2024 and 2025 editions on www.ciu.edu.tr). Its Energy and Climate score in the UI GreenMetric questionnaire rose from 1,575 out of 2,100 in the 2024 report to 1,725 out of 2,100 in the 2025 report.

Sources

Sustainability Report 2025:

https://ciu.edu.tr/sites/default/files/2026-07/sustainability-report-2025.pdf

• Sustainability Report 2024:

https://ciu.edu.tr/sites/default/files/2025-10/ciu-sustainability-report-2024.pdf

• Energy Efficiency Policy:

https://ciu.edu.tr/sites/default/files/2024-11/ciu-energy-efficiency-policy-2023.pdf

APPENDIX 1 • UPDATED WORK PACKAGE 2025–2026

Sustainable Campus work package, 2025–2026

Updated work package with responsible persons and monthly timeline, Oct 2025–Oct 2026 • sheet 1 of 2

Work package	Responsible person	2025			2026									
		O	N	D	J	F	M	A	M	J	J	A	S	O
General topics Admin: Emre Soyer and Asil Azimli														
1 Report: vision, mission, goal, objectives and strategy, updated for 2025–2030	Majid Hashemipour, Serkan Abbasoğlu, Mete Boşaç	■	■											
2a Key areas, measure and compare over time: energy (EE application, LED lighting, insulation)	Emre Soyer, Asil Azimli		■	■	■	■								
2b Water consumption	Emre Soyer, Asil Azimli				■	■	■							
2c Waste disposal: decrease the amount	Emre Soyer, Asil Azimli				■	■	■							
2d Transportation (private vehicles, shuttle service), courses on sustainability, visitors at green activities, green activities, vegetation, partnerships	Emre Soyer, Asil Azimli					■	■	■	■					
2e Greenhouse gas emitted (kg CO_2e per staff/student FTE), bicycle racks and bike stations, EV chargers	Emre Soyer, Asil Azimli						■	■	■	■				
3 Applications: SDGA, Foundation for Environmental Education (Green Flag), ULSF, GUPES, AASHE	Emre Soyer, Asil Azimli						■	■	■					
4 Centers of Excellence: Energy and Environment programs	Serkan Abbasoğlu, Rana								■	■				
5 Sustainable Innovation Center	Emre Soyer								■	■				
6 Promotion of green activities on the boards: CO_2 mitigation from PV, less plastic bottle use, green events	Mustafa Çağatağlı									■	■			
Education Admin: Erbuğ Çelebi														
1 Increase the number of compulsory and elective courses on sustainability	Banu Numan Uşal										■	■	■	
2 Increase the number of publications related to sustainability	Banu Numan Uşal										■	■	■	
Infrastructure Admin: Asil Azimli and Erbuğ Çelebi														
1 Green or sustainable procurement policy	Purchase Department (Asil Azimli)				■	■	■							
2a Decrease copy paper: CIU mobile app and web site for announcements	Computer Center (Mustafa Çağatağlı), Webmaster							■	■					
2b Decrease copy paper: electronic boards (TVs)	Computer Center (Mustafa Çağatağlı)									■	■			
2c Decrease copy paper: controlled printer service	Computer Center (Mustafa Çağatağlı)										■	■	■	
Transportation and parking Admin: Asil Azimli and Emre Soyer • Supporting: Students for Sustainable Campus, Campus Management, Sustainable Energy Research Center														
1 Increase physical activity on campus: bike stations, bicycle racks, walkway	Kozan Tunç										■	■	■	
2 Meet the criteria for a Bicycle Friendly University	Asil Azimli										■	■	■	
3 Manage parking demand with smart parking systems and improved wayfinding	Kozan Tunç										■	■	■	
4 Increase passenger trips on University shuttle buses	Georgiana Karadaş											■	■	
5 Use some electric vehicles (EVs)	Emre Soyer											■	■	
6 Car sharing and pooling: maximise car-pooling	Asil Azimli											■	■	
7 Reduce ‘single user’ car journeys	Asil Azimli											■	■	

APPENDIX 1 • UPDATED WORK PACKAGE 2025–2026 • CONTINUED

Energy, water, environment and food work packages, 2025–2026

Sheet 2 of 2 • the energy and water package carries the first-year actions of the 2025–2030 plan (references A3–A15 in the 7.2.2 fact file)

Work package	Responsible person	2025			2026								
		O	N	D	J	F	M	A	M	J	J	A	S	O
Energy and water Admin: Emre Soyer and Asil Azimli • Supporting: Project and Technical Affairs, Campus Management, Sustainable Energy Research Center, Students for Sustainable Campus, Engineering students, Academic staff, Sustainable Innovation Center														
1 Sub-meter and smart-meter buildings to track energy use and reduce carbon impact (plan action A5)	Georgiana Karadaş							■	■	■	■	■	■	
2 Connect all buildings to central monitoring and control	Emre Soyer									■	■	■	■	
3 Design, construct and renovate greener buildings; start with the Education and Humanities Center, where a report is already prepared (A3)	Georgiana Karadaş	■	■	■	■									
4 Apply heat insulation to all buildings: determine and evaluate the total area (A10)	Emre Soyer						■	■						
5 Invest in more feasible HVAC systems such as VRF: study Arts and Social Sciences, Education and Humanities, Rectorate Office and Library (A11)	Georgiana Karadaş							■	■	■				
6 Full automation system controlling HVAC and lighting in all buildings: decide the level of automation (A12)	Emre Soyer									■	■			
7 Set energy-use-intensity targets for all building types (A8)	Georgiana Karadaş										■	■		
8 Set water-consumption targets for all building types (A8)	Emre Soyer										■	■		
9 Meter all buildings, track water consumption, detect and repair leaks (A7)	Georgiana Karadaş									■	■	■	■	
10 Upgrade to ultra-low-flow fixtures in all existing buildings (A7)	Emre Soyer										■	■	■	
11 Engage students and faculty further in water conservation practices	Asil Azimli						■	■	■	■	■	■	■	
12 Campus lighting plan for safety, energy use and LED conversion (A6)	Mehmet Şenol				■	■	■	■	■					
13 Install a reverse-osmosis (RO) water treatment device at Nature Café; use glass bottles at the water dispenser	Georgiana Karadaş								■	■	■			
14 Consider public water dispensers in Faculty buildings	Emre Soyer											■	■	
15 Design new buildings to achieve LEED or BREEAM certification (A15)	Georgiana Karadaş	■	■	■	■	■	■	■	■	■	■	■	■	
Environment, agriculture and food Admin: Asil Azimli • Supporting: Students for Sustainable Campus, Academic staff, Sustainable Innovation Center, Campus Management														
1 Recycle and re-use food waste	Emre Soyer										■	■	■	
2 Install green roofs on the Rectorate Building: feasibility study (A14)	Georgiana Karadaş										■	■	■	
3 Plant native trees (a tree for each guest, arboriculture at the sewage treatment plant); report by the Faculty of Agriculture	Agriculture Department											■	■	
4 Decrease waste: waste audits across campus with correct labelling and disposal	Emre Soyer										■	■	■	
5 Stop use of plastic bottles and cups: Palm Inn, Lake View, Rectorate Office, then canteens and cafes	Georgiana Karadaş										■	■	■	
6 Promote healthier, more sustainable food: salad day, fruit day, sustainable food menu at Palm Inn	Gastronomy Department											■	■	
7 Study of Cyprus cuisine: pre-report by the School of Tourism and Hospitality	Gastronomy Department												■	

Evidence note

The work package updates the 2024–2025 work plan (Appendix 2). It keeps the same work packages, leads and administrators and moves the timeline to October 2025–October 2026. In the energy and water package the actions are linked to the Building Energy Efficiency Upgrade Plan 2025–2030 (7.2.2 fact file).

APPENDIX 2 • SOURCE PLAN 2024–2025

Energy and water work package, 2024–2025

Original plan • energy and water package

Energy & Water				
1. Sub-meter and smart-meter buildings, in order to track energy consumption, manage for maximum efficiency, and reduce carbon impact	Emre Soyer	1. Project & Technical Affairs 2. Campus Management 3.Sustainable Energy Research Center 4. Students for Sustainable Campus 5. Engineering Students 6. Academic Staff 7. Sustainable Innovation Center	Emre Soyer & Asil Azimli	
2. Connect all buildings to central monitoring and control system				
3. Design, construct and renovate greener buildings on campus that operate more efficiently, use less energy and water, and have reduced impacts on the environment				
a. Start with Education and Humanities Center where a report is already prepared				
4. Apply Heat Insulation to all Buildings in the Campus				
a. Total area should be determined and evaluated				
5. Invest more feasible HVAC system, such as VRV, to all buildings.				
a. Çevik Uraz and STB are designed with VRV systems				
b. Arts and Social Sciences, Education and Humanities, Rector's Office and Library should be studied				
6. In addition to Çevik Uraz and STB, full automation system that controls HVAC, lighting…etc. should be considered to all Buildings. Level of automation should be				
7. Establish appropriate energy use intensity targets for all building types				
8. Establish appropriate water consumption targets for all building types				
9. Meter all buildings, track water consumption & Detect and repair all system leaks				
10. Upgrade to ultra low-flow fixtures in all existing buildings				
11. Engage student and faculty further in water conservation practices	Hande Çiçek			
12. Strategize and implement a campus lighting plan to address safety, energy use, and	Mehmet Şenol			
13. Install a RO water treatment device to Nature Café and use glass bottle at water dispen	Emre Soyer			
14. Think on installation of public dispensers in Faculty Buildings				
15. Design new buildings to achieve LEED or BREED certification using the appropriate				
Environment & Agriculture & Food				
1. Recycle and Re-use of food wastes	Emre Soyer	1. Students for Sustainable Campus 2. Academic Staff 3. Sustainable Innovation Center 4. Campus Management	Asil Azimli	
2. Install green roofs to the roof of Rectorate Building				
3. Undertake tree planting of native species in addition to international species	Agriculture Department			
a. Plant a tree for each guest and share certificate as a gift				
b. Arboriculture: start around sewage treatment plant				
c. A report is prepared by Faculty of Agriculture				
4. Decrease waste disposal	Emre Soyer			
a. Develop and deliver a program of waste audits across campus to ensure (a) appropriate labelling (b) appropriate wastes are disposed of correctly				
5. Stop use of plastic bottles/cups	Emre Soyer			
a. Initially at Palm Inn, Lake view and Rector's office				
b. At Canteens and Cafes				
3. Promote the consumption of healthier and more sustainable food in Campus	Gastronomy Department			
a. Salad day				
b. Fruit day				
c. Sustainable food menu to Palm Inn				
6. Carry out a study on Cyprus Cuisine				
a. A pre-report is prepared by School of Tourism and Hospitality				

Work plan 2024–2025: energy and water, environment, agriculture and food

Evidence note

The energy and water work package of the original plan includes sub-metering and smart metering, central monitoring, heat insulation, VRF HVAC systems, building automation, energy and water targets, ultra-low-flow fixtures, a lighting plan and LEED or BREEAM design for new buildings. Leads: Emre Soyer, Asil Azimli and Mehmet Şenol, with Project and Technical Affairs, Campus Management and the Sustainable Energy Research Center as supporting groups.