

Evidence for THE Impact Rankings Questionnaire

University : Cyprus International University
Country : North Cyprus- Türkiye Web
Address : www.ciu.edu.tr

[13]

[13.3.2]

100% Renewable Energy Pledge:

Cyprus International University recognizes that its activities significantly impact the environment locally and globally. Thus, the university has representatives in energy-related organizations like the TRNC- Joint Energy Working Group. It actively promotes 100% renewable energy through its meetings (**See Appendix 1**) and targets 100% renewable energy. Currently, the University generates around 30 % of its energy through renewable energy resources and plans to increase It to 100% after the biogas project is completed (**See Appendix. 2**) by the end of 2025. The Cyprus International University pledged to use 100% renewable energy sources within the Campus. Current renewable sources on campus are summarized below:



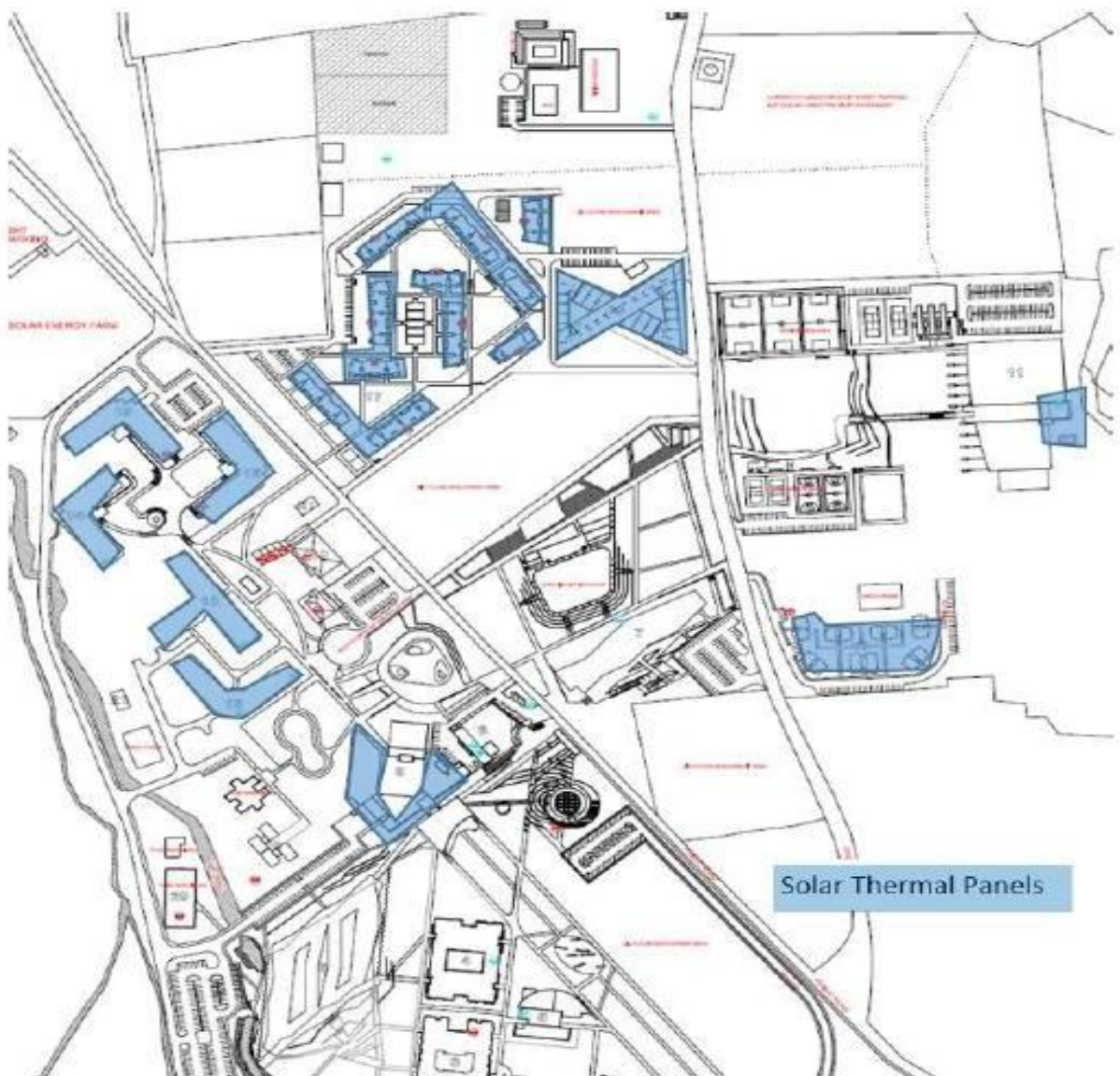


ULUSLARARASI KIBRIS ÜNİVERSİTESİ
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Solar Thermal Panels on Campus:

All the residential zones of the CIU campus use more than 300 solar thermal panels for hot water systems, and this energy is almost equal to 2.268 MWh in a year.



Appendix 2: Joint Energy Working Group (OEÇG)

Hakkari ve Şırnak illerinde bulunan tarihi eserlerin korunması amacıyla oluşturulan Hakkari ve Şırnak İllerinde bulunan tarihi eserlerin korunması amacıyla oluşturulan

TEVEKÜL ENERJİ PROTOKOLÜ
ORTAK ENERJİ ÇALIŞMA GRUBU'NUN
TEŞKÜLÜ VE GÖREVLERİ

Abstract

Madsen J.

Türkiye Cumhuriyeti Hükümeti ile Kıyıcı Kırsal Tarım Kanunlarıyla Hükümeti arasında imzalanan Tarım Pazarlatılabilir yeti alanları (1 milyon ha) ile ilgili verilerin toplanmasını amaçlı bu çalışmada, Çaykara'da bulunan ve aynı alanda ve potansiyel kalitede (Hükümetin rapor vermektedir)

DISCUSSION

Module 2

Türkiye Cumhuriyeti Millîleri ile Kurum Konağı TBB Cumhuriyet
Millîleri arasında 11/10/2014 tarihinde imzalamış Dava/ Protokol/2014
492 sayılıdır.

DETAY ENERJİ ÇALIŞMA GİRHİBİ RAPOR VE TOPLANIMCI

Monday 3

KİTÇ'nde GÖÇ'ün 12. Başarı Eviği (yeni bir Hedef) için

E.L.T.C. UNIT 11 English as a Second Language

1. KIRKCEK, E.İ. Bakteriyel İnfeksiyonlar
2. KIRKCEK, E.İ. Tıbbi Genetik (M.D)
3. KIRKCEK, E.İ. Tıbbi Fizik (Öğret.)
4. Üstün Tıp Fakültesi
5. ÜNİVERSİTESİ

→ [WAVE-DETECT](#) Download

T. J. Lyons and C.D.

4. Substancys (11)

HITEL (HITEL) - 10/26/2023		HITEL (HITEL) - 10/26/2023		HITEL (HITEL) - 10/26/2023	
NAME	STATUS	TIME	LOCATION	STATUS	REMARKS
John Doe	Present	10:00 AM	Room 101	Present	
Jane Smith	Absent	10:00 AM	Room 101	Absent	Sick leave
Mike Johnson	Present	10:00 AM	Room 101	Present	
Sarah Lee	Present	10:00 AM	Room 101	Present	
David Kim	Absent	10:00 AM	Room 101	Absent	Out of town
Emily White	Present	10:00 AM	Room 101	Present	
Chris Brown	Present	10:00 AM	Room 101	Present	
Alex Green	Absent	10:00 AM	Room 101	Absent	Family emergency
Olivia Black	Present	10:00 AM	Room 101	Present	
Benjamin Gray	Present	10:00 AM	Room 101	Present	
Mia Pink	Absent	10:00 AM	Room 101	Absent	Medical appointment
Ethan Blue	Present	10:00 AM	Room 101	Present	
Ava Yellow	Present	10:00 AM	Room 101	Present	
Lucas Purple	Absent	10:00 AM	Room 101	Absent	Personal day
Sophia Red	Present	10:00 AM	Room 101	Present	
Isaac Orange	Present	10:00 AM	Room 101	Present	
Grace Silver	Absent	10:00 AM	Room 101	Absent	Traveling
Henry Gold	Present	10:00 AM	Room 101	Present	
Charlotte Iron	Present	10:00 AM	Room 101	Present	
William Steel	Absent	10:00 AM	Room 101	Absent	Home sick
Olivia Copper	Present	10:00 AM	Room 101	Present	
Benjamin Zinc	Present	10:00 AM	Room 101	Present	
Mia Nickel	Absent	10:00 AM	Room 101	Absent	Doctor's appointment
Ethan Tin	Present	10:00 AM	Room 101	Present	
Ava Lead	Present	10:00 AM	Room 101	Present	
Lucas Platinum	Absent	10:00 AM	Room 101	Absent	Business trip
Sophia Palladium	Present	10:00 AM	Room 101	Present	
Isaac Silver	Present	10:00 AM	Room 101	Present	
Grace Gold	Absent	10:00 AM	Room 101	Absent	Family time
Henry Iron	Present	10:00 AM	Room 101	Present	
Charlotte Steel	Present	10:00 AM	Room 101	Present	
William Copper	Absent	10:00 AM	Room 101	Absent	Personal matters
Olivia Zinc	Present	10:00 AM	Room 101	Present	
Benjamin Nickel	Present	10:00 AM	Room 101	Present	
Mia Tin	Absent	10:00 AM	Room 101	Absent	Medical check-up
Ethan Lead	Present	10:00 AM	Room 101	Present	
Ava Platinum	Present	10:00 AM	Room 101	Present	
Lucas Palladium	Absent	10:00 AM	Room 101	Absent	Work-related
Sophia Silver	Present	10:00 AM	Room 101	Present	
Isaac Gold	Present	10:00 AM	Room 101	Present	
Grace Iron	Absent	10:00 AM	Room 101	Absent	Home care
Henry Steel	Present	10:00 AM	Room 101	Present	
Charlotte Copper	Present	10:00 AM	Room 101	Present	
William Zinc	Absent	10:00 AM	Room 101	Absent	Personal leave
Olivia Nickel	Present	10:00 AM	Room 101	Present	
Benjamin Tin	Present	10:00 AM	Room 101	Present	
Mia Lead	Absent	10:00 AM	Room 101	Absent	Health issues
Ethan Platinum	Present	10:00 AM	Room 101	Present	
Ava Palladium	Present	10:00 AM	Room 101	Present	
Lucas Silver	Absent	10:00 AM	Room 101	Absent	Business meeting
Sophia Gold	Present	10:00 AM	Room 101	Present	
Isaac Iron	Present	10:00 AM	Room 101	Present	
Grace Steel	Absent	10:00 AM	Room 101	Absent	Family obligations
Henry Copper	Present	10:00 AM	Room 101	Present	
Charlotte Zinc	Present	10:00 AM	Room 101	Present	
William Nickel	Absent	10:00 AM	Room 101	Absent	Personal time
Olivia Tin	Present	10:00 AM	Room 101	Present	
Benjamin Lead	Present	10:00 AM	Room 101	Present	
Mia Platinum	Absent	10:00 AM	Room 101	Absent	Medical procedure
Ethan Palladium	Present	10:00 AM	Room 101	Present	
Ava Silver	Present	10:00 AM	Room 101	Present	

⁸ OC'nin OSG'nin 13. Başvuru Kanalı ile gönderdiği sorulara Bakanlıkça verilen cevaplar.

TECHNICAL REPORT ON TYPING

- 4-11
2011.12.18

TOPLANTI SÖZÜ

Abstract 4:[illegible]

İsteği ile ilgili olarak gerekli gözetim ve denetimleri (GDD) gerçekleştirilen ÜM'e ve ilgili birimlere;

SEKRETERYA VE GÖREVLERİ

Abstract

ODÜ'nün sektöre hizmetleri ERTE Enerji İşletmesinden itibaren Bakırda tarafsızca yürürlüğe. Sektöre aşağıda yer alan gelişmeler yansıtılabilir:

- OECD topluluklarına düzenlenmesi ve devletin yapılması,
- OECD Toplantı notatlarının toplanması,
- OECD kurullarının uygulanması, takip edilmesi ve faaliyetler izlenmesi,
- OECD faaliyetleri ile ilgili raporların yapılması,
- İhtiyaç raporlarını hazırlamak. Başbakanlık varlığına.

ÖZÜĞ'ÜN GÖREK VE SORUMLULUKLARI

Refinancing #: _____

ORİJİNİ, Prosimaklarda belirlenen filialiyeder tarimlanlanmaya kalis, sapda yer alan glesleri yozu gendir.

- Enzimi proteokollarda 1. sarkazimada bulunan iştahı artırıcı ve diğil program ve peyğiririni bilesimok.
- Enzimi proteokollarda 2. sarkazimada bulunan iştahı artırıcı ve diğil program ve peyğiririni bilesimok.
- Enzimi proteokollarda 3. sarkazimada bulunan iştahı artırıcı ve diğil program ve peyğiririni bilesimok.

- d) Tarafının ilgili ulusal mevzuatlarına uygun şekilde, yararlanabileceği kaynaklarını kullanırken, petrol ve doğalgaz kaynaklarını keşfetmesini ve işletmesini kapsamada ortak projelerin geliştirilmesini ve bu hususlarda eğitimi programlarını düzenlenmesini de bilgi, sermaye ve uzmanlık değişimi sağlanarak.

- e) Tesisler arasında elektrik altyapısının inşası, işletilmesi, modernizasyonu ve elektrik hatları arasında örnek projelerin tespiti ve geliştirilmesine yönelik çalışmalar yapmak.

- 0 Türkiye Cumhuriyeti ile Kuzey Kıbrıs Türk Cumhuriyeti arasında deniz gıçığı ile elektrik arz güvenliğini sağılamak ve enerji çeşitliliğı ve ekonomik enerji kaynaklarına ulaşımı sağılamak maksadıyla entelektüel mülk koruması için çalışmaları yapmak.

- g) Petrol ve doğalgaz alt yapılarının tesisi ve bakımı, petrol kuyularının pazarlanması alanlarında projelerin belirlenmesi ve geliştirilmesi.

- h) Kırsal Kalkınma Türk Cumhuriyetinde yenilenebilir enerji projelerinin geliştirilerek,

- ii) Enerji alanı ile ilgili semiseller, konferanslar ve toplantıların düzenlenerek.

- ji Kuray Kibar Türk Cumhuriyeti'nde enerji ile ilgili kurumsal yapılarımızı başta Enerji dairesi kurulumu ve enerji piyasası düzenlemeleri için bir ofisimizi gerçekleştirmesi için yasa tasarı hazırladık.

- 1) Ekonomik ve Sosyal Bakımdan Akaryakıt birisi Laboratuvarını geliştirmesi için çalışmalar yapmak.

- *) Eskişehir sokakları beldelerinin idarresi ve Sekreteryası tarafından hazırlanan gelişim raporlarını değerlendirilecek.

nöbetle protokolle uygulanmasına ilişkin önerilerin gözden geçirilmesi, raporlanması ve Program veya projelerin değerlendirilmesi, sonuç ve tavsiyeleri rapor olarak toplanması sunulur.

TC DEĞERLENDİRME VE TEKNİK HEYETİ

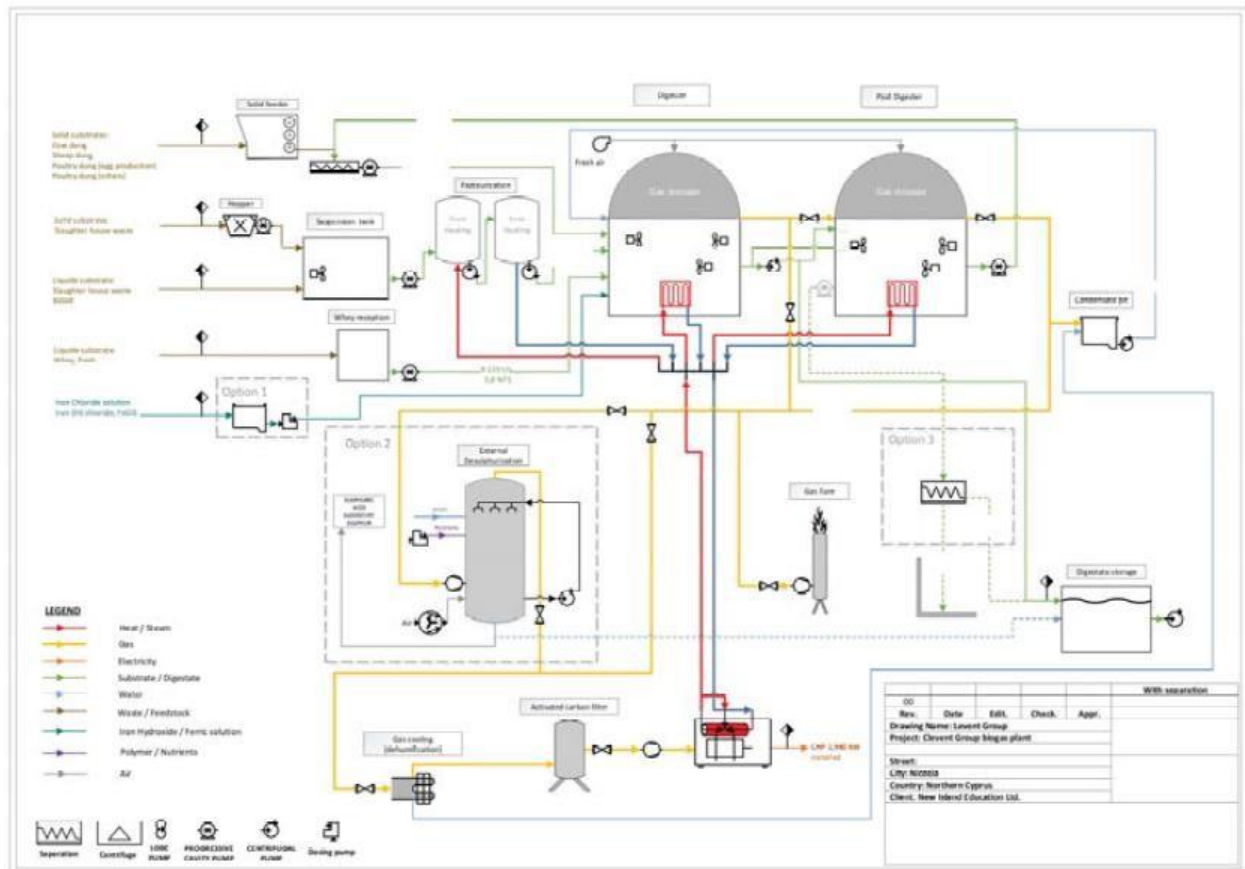
ES BASKANI

KKTC ÖZG TEKNIK HEYETİ

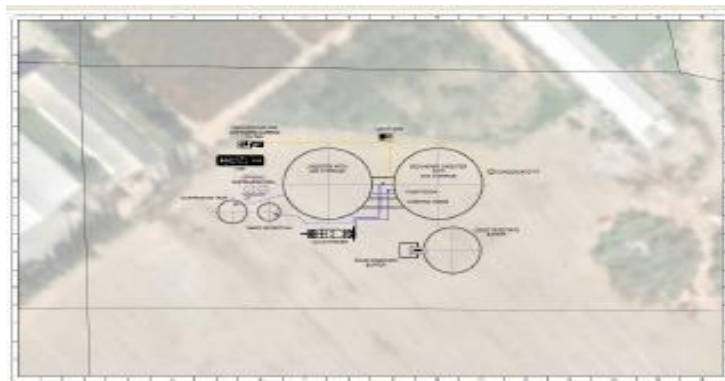
EŞ BAŞKANI



Appendix 2: Biogas Plant Project



Field Plan for Biogas Plant Project



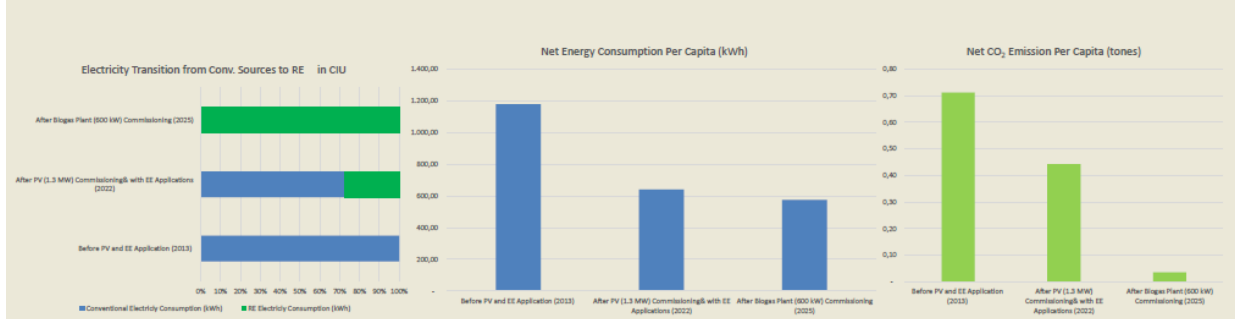


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Analysis of Energy and Green House Gas Emissions of Cyprus International University

Status	Year	Conventional Electricity Consumption (kWh)	RE Electricity Consumption (kWh)	Total Electricity Consumption (kWh)	LPG Consumption (kWh)	Total Energy Consumption (kWh)	Total Energy Consumption Per Area (kWh/m ²)	Net Energy Consumption Per Capita (kWh)	Net CO ₂ Emission Per Capita (tones)
Before PV and EE Application (2013)	2013	4,485,574.00	-	4,485,574.00	2,814,813.50	7,300,187.50	73.16	1,178.40	0.71
After PV (1.3 MW) Commissioning & with EE Applications (2022)	2022	5,148,520.00	1,929,789.00	7,078,309.00	2,040,882.00	9,119,191.00	59.48	639.94	0.44
After Biogas Plant (600 kW) Commissioning (2025)	2025	-	6,521,789.00	6,370,478.10	1,836,793.80	8,207,271.90	53.53	575.95	0.03





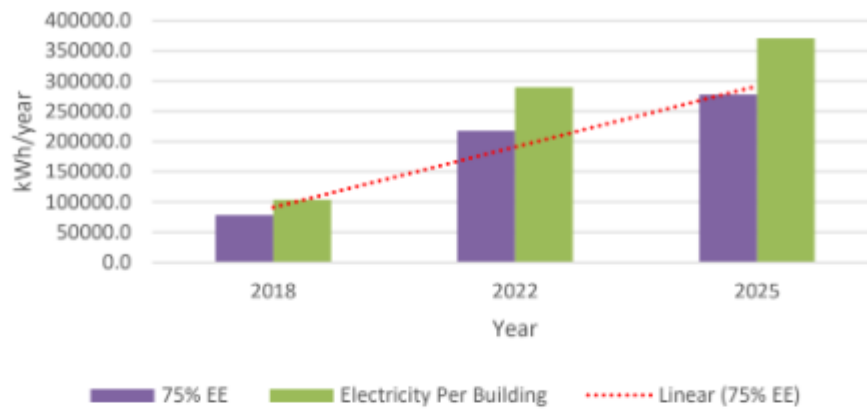
A Resource Efficiency (energy & water) strategy was settled in 2018 to renovate all buildings according to up-to-date standards and one of the education buildings selected to be the sample. In this building, all renovations were carried out in accordance with ISO 50001 which is the goal of Sustainable Office. Third resource efficiency strategy has done by sustainable office team for Soli dormitories and the area of the total energy audited buildings is amount to 31,400 m².



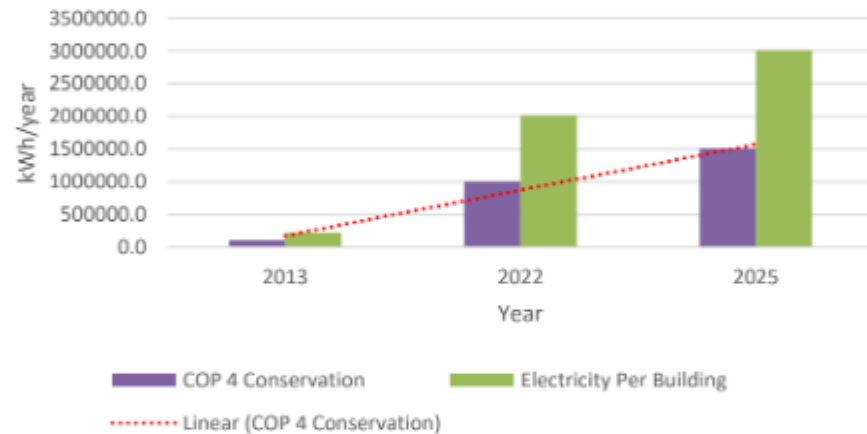
Energy Management Study for Soli, EH, CU and GE Building



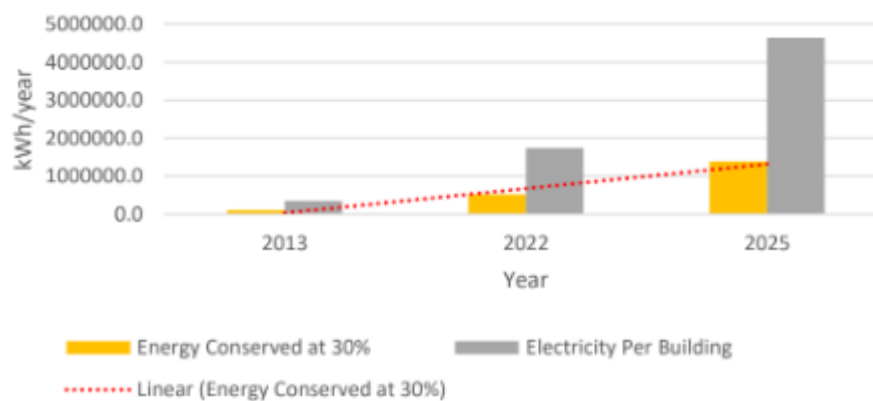
LED Energy Conservation



VRF Energy Conservation



Energy Efficiency and Automation Energy Conservation





Some details regarding the Energy Efficiency Studies:

- EUI value is calculated and compared with standards
- Energy consumption trends are evaluated for last 5 years
- Energy consumption in all sections provided, and the minimum and maximum ones measured.
- Heat gain/loss happened in the buildings measured.
- The lack of air ventilation system and the amount of CO₂ provided and compared with standards.
- The illumination system measured, and the recommendation provided.
- The shading analysis done with simulation software.
- Water saving measurement provided.
- Feasibility of study calculated.
- Energy Saving Measures.
- Energy Monitoring and Control.



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Renewable Energy Sources on Campus:

This Project was commenced in 2015 by CIU SERC. It is a unique solar energy project due to applying five different mounting types: on a level roof, an inclined roof, on terrain, on a façade, and carports. With its 1.3 MW peak capacity, it is also the largest such project in a university in the region. A total of 1,940,000 kWh energy is realized in 2022-2023 term.

Arena Carport				100 kW
Roof				100 kW
ST Carport				135 kW
Land				750 kW
Stonite				200 kW



Sustainable Campus and UI Greenmetrics																	
Work Package		Responsible Person	Supportive Staff/Groups	Admin	2024			2025									
General Topics					Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
1. Report:		Majid Haskempour, Serkan Abbasoğlu, Mete Boyacı															
a. Vision																	
b. Mission																	
c. Goal																	
d. Objectives																	
f. Strategy																	
2. Determine the key areas, measure the performance and compare it over time across other variables such as (a) building area m2;		Emre Soyer & Hande Çiçek															
a. Energy																	
i. EE application																	
ii. Use of LED lighting																	
iii. Incubation																	
b. Water Consumption																	
c. Waste disposal: decreases the amount																	
d. Transportation: Private vehicular transport & Shuttle Service																	
e. Education: No. of courses related to sustainability																	
f. No. of staff/students/visitors attend to green activities																	
g. No. of green activities		Emre Soyer & Atil Azimli															
h. % of campus covered in vegetation																	
i. No. of project/partnership with local authorities and community groups																	
j. Green space owned by the CO2 equivalent staff/student FTE due to electricity, heat, transportation, etc.																	
k. No. (length) of bicycle rack and/or bike craters																	
l. No. of EV chargers																	
3. Application to Associations related to Sustainability:		Emre Soyer & Hande Çiçek															
a. SDGs (International Sustainable Development Goals Accord for Universities)																	
b. Foundation for Environmental Education (FEE) to receive Green Flag																	
c. UFEs (University Leaders for a Sustainable Future)																	
d. GUPES (Global University Partnership on Environment and Sustainability)																	
e. AASHE (Association for the Advancement of Sustainability in Higher Education)																	
4. Centers of Excellence: Energy & Environment programs at 2009		Serkan Abbasoğlu & Rana Kadir Emre Soyer															
5. Sustainable Innovation Center																	
6. Promotions of Green Activities on the boards																	
a. Mitigation CO2 emissions due to PV systems		MUSTAFA ÇALTAĞLI															
b. Reduce in Plastic bottle use																	
c. Green Energy																	
Education																	
1. Increase the no. of compulsory and elective courses		Bağcı Nemoz Ural															
2. Increase the no. of publications related to Sustainability																	
Infrastructure																	
1. Green or Sustainable Procurement Policy		Purchase Department (Atil Azimli)															
2. Decrease the consumption of copy papers by improving electronic services;																	
a. Use of CRM mobile application/web site for announcements																	
b. Electronic boards (TVs)																	
c. Controlled Printer service																	
Transportation & Parking																	
1. Increase the physical activity in the campus																	
a. Bike stations																	
b. Bicycle racks																	
c. Walk way																	
2. Meet the criteria for a Bicycle Friendly University		Kozan Teşç															
3. Manage parking demand to address long-term growth with smart parking systems and improved wayfinding		Hande Çiçek															
4. Increase passenger trips on University shuttle buses		Kozan Teşç															
5. Use some EVs		Emre Soyer															
6. Car sharing/pooling																	
a. Multistop car-pooling		Hande Çiçek															
7. Reduce "single user" car journeys																	
Energy & Water																	
1. Sub-meter and smart-meter buildings, in order to track energy consumption, manage for maximum efficiency, and reduce carbon																	
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 a																	
a. Start with Education and Humanities Center where a report is already prepared																	
4. Apply Heat Ventilation to all Buildings in the Campus																	
a. Total area should be determined and evaluated																	
b. Invert more feasible HVAC system, such as VRV, to all buildings.		Emre Soyer															
c. Gevrik Uraz and STB are designed with VRV systems																	
d. Arts and Social Sciences, Education and Humanities, Doctor's Office and Library should be studied																	
5. In addition to Gevrik Uraz and STB, full automation system that controls HVAC, lighting, etc. should be considered to all Buildings																	
6. Establish appropriate energy use intensity targets for all building types																	
7. Establish appropriate water consumption targets for all building types																	
8. 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																	
12. Stratavate and implement a campus lighting plan to address safety, energy use, and aesthetics		Hande Çiçek Mehmet İncelil															
13. Install a RO water treatment device to Waters Café and use glass bottle at water dispenser																	
14. Think on installation of public dispenser in Faculty Buildings		Emre Soyer															
15. Design new buildings to achieve LEED or BREEED certification using the appropriate LEED rating system																	
Environment & Agriculture & Food																	
1. Recycle and Re-use of food wastes		Emre Soyer															
2. Install green roofs to the roof of Rectorate Building																	
3. Undertake tree planting of native species in addition to international species																	
a. Plant a tree for each department and share certificate as a gift		Agriculture Department															
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 audit across campus to ensure (i) appropriate handling (b) appropriate wastes are disposed of correctly																	
5. Stop use of plastic bottles/cups		Emre Soyer															
a. Initiate a Palm Inn, Lake view and Rector's office																	
b. At Cafeteria and Cafes																	
6. Promote the consumption of healthier and more sustainable food in Campus																	
a. Solid day																	
b. Fruit day																	
c. Sustainable food menu to Palm Inn		Gastroonomy Department															
6. Carry out a study on Cypress Oleives																	
a. Experiment is managed by the School of Tourism and Mountaiculture																	