



Fayoum University

Sustainability Report

2024

Fayoum University, Sector of Post-Graduate Studies & Research

**SUSTAINABLE
DEVELOPMENT
GOALS**

Prof. Arafa Sabry Hassen

Vice-President for Post-Graduate Studies & Research

Fayoum University



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Introduction

Fayoum University is developing a Report on U.N. Sustainable Development Goals to monitor the progress towards SDGs.

Here is the report with the aims to outline some of the many activities that Fayoum University achieved and the various actions taken to meet SDGs by 2030.



Actions taken by Fayoum University to meet SDGs by 2030

Vision & Mission

Fayoum University has incorporated the 17 Goals in its vision and mission of the Strategic Plan:

Vision: Innovation and leadership in education, scientific research and community development locally, regionally and internationally.

Mission: Fayoum University provides distinguished graduates who are able to compete in the labor market through educational programs and scientific research that develop thought and creativity, and contribute to the production and application of knowledge, with the aim of achieving sustainable development goals within a framework of ethical values, quality standards and digital transformation.

Sustainability Web Links

There is a dedicated web link called *FU Sustainability* (<https://www.fayoum.edu.eg/english/FUSus/>) that echoes the University's endeavors and commitment towards SDGs including the reports. In addition to the following link:

<https://www.fayoum.edu.eg/estidama/>



Research and Innovation:

There are 1570 papers published by Fayoum University between 2021 and 2024 related to different SDGs.

Fayoum University's Publication by SDG 2021 to 2024

(according to Scopus)

SDG	Research Publications
SDG 1: No Poverty	6
SDG 2: Zero Hunger	97
SDG 3: Good Health and Well-being	529
SDG 4: Quality Education	26
SDG 5: Gender Equality	10
SDG 6: Clean Water and Sanitation	128
SDG 7: Affordable and Clean Energy	289
SDG 8: Decent Work and Economic Growth	87
SDG 9: Industry, Innovation and Infrastructure	65
SDG 10: Reduced Inequality	16
SDG 11: Sustainable Cities and Communities	64
SDG 12: Responsible Consumption and Production	94
SDG 13: Climate Action	79
SDG 14: Life Below Water	32
SDG 15: Life on Land	36
SDG 16: Peace, Justice and Strong Institutions	12



THE IMPACT RANKING:

Fayoum University is extremely proud that its efforts regarding the SDGs have been certified by **Times Higher Education**.

In 2024, it was ranked 1001st in the World, out of more than 1400 universities in 106 countries/regions. This ranking is the only global performance table that assesses universities against the United Nations' Sustainable Development Goals.

More specifically, Fayoum University ranked:





Data Overview of Fayoum University Related to SDGs

SDG 1: No Poverty

Teaching

22 Graduate Programs

Research

6 Publications (according to Scopus 2021-2024)

37 "Citation count (according to Scopus 2021-2024)

2.41 Field-Weighted Citation Impact

3 Research Projects

SDG 2: Zero Hunger

Teaching

23 Graduate Programs

Research

97 Publications (according to Scopus 2021-2024)

1249 Citation count (according to Scopus 2021-2024)

2.2 Field-Weighted Citation Impact

6 Research Projects

SDG 3: Good Health and Well-being

Teaching

96 Graduate Programs

Research

529 Publications (according to Scopus 2021-2024)

5881 Citation count (according to Scopus 2021-2024)

1.51 Field-Weighted Citation Impact

18 Research Projects

SDG 4: Quality Education

Teaching

112 Graduate Programs

Research

26 Publications (according to Scopus 2021-2024)

268 Citation count (according to Scopus 2021-2024)

1.62 Field-Weighted Citation Impact

21 Research Projects



SDG 5: Gender Equality

Teaching

18 Graduate Programs

Research

10 Publications (according to Scopus 2021-2024)

163 Citation count (according to Scopus 2021-2024)

1.71 Field-Weighted Citation Impact

1 Research Projects

SDG 6: Clean Water and Sanitation

Teaching

55 Graduate Programs

Research

128 Publications (according to Scopus 2021-2024)

1974 Citation count (according to Scopus 2021-2024)

1.96 Field-Weighted Citation Impact

17 Research Projects

SDG 7: Affordable and Clean Energy

Teaching

44 Graduate Programs

Research

289 Publications (according to Scopus 2021-2024)

4734 Citation count (according to Scopus 2021-2024)

1.95 Field-Weighted Citation Impact

57 Research Projects

SDG 8: Decent Work and Economic Growth

Teaching

29 Graduate Programs

Research

87 Publications (according to Scopus 2021-2024)

1416 Citation count (according to Scopus 2021-2024)

2.45 Field-Weighted Citation Impact

26 Research Projects



SDG 9: Industry, Innovation and Infrastructure

Teaching

42 Graduate Programs

Research

65 Publications (according to Scopus 2021-2024)

731 Citation count (according to Scopus 2021-2024)

1.62 Field-Weighted Citation Impact

12 Research Projects

SDG 10: Reduced Inequality

Teaching

19 Graduate Programs

Research

16 Publications (according to Scopus 2021-2024)

286 Citation count (according to Scopus 2021-2024)

2.53 Field-Weighted Citation Impact

3 Research Projects

SDG 11: Sustainable Cities and Communities

Teaching

188 Graduate Programs

Research

64 Publications (according to Scopus 2021-2024)

458 Citation count (according to Scopus 2021-2024)

1.11 Field-Weighted Citation Impact

12 Research Projects

SDG 12: Responsible Consumption and Production

Teaching

40 Graduate Programs

Research

94 Publications (according to Scopus 2021-2024)

1253 Citation count (according to Scopus 2021-2024)

1.78 Field-Weighted Citation Impact

4 Research Projects



SDG 13: Climate Action

Teaching

98 Graduate Programs

Research

79 Publications (according to Scopus 2021-2024)

1881 Citation count (according to Scopus 2021-2024)

2.48 Field-Weighted Citation Impact

4 Research Projects

SDG 14: Life Below Water

Teaching

9 Graduate Programs

Research

32 Publications (according to Scopus 2021-2024)

181 Citation count (according to Scopus 2021-2024)

1.05 Field-Weighted Citation Impact

3 Research Projects

SDG 15: Life on Land

Teaching

6 Graduate Programs

Research

36 Publications (according to Scopus 2021-2024)

364 Citation count (according to Scopus 2021-2024)

2.63 Field-Weighted Citation Impact

2 Research Projects

SDG 16: Peace, Justice and Strong Institutions

Teaching

7 Graduate Programs

Research

12 Publications (according to Scopus 2021-2024)

28 Citation count (according to Scopus 2021-2024)

0.86 Field-Weighted Citation Impact

25 Research Projects





Fayoum University has a strong commitment to sustainable development and often organizes events that contribute to research and community engagement. Here are some examples of the types of events that Fayoum University has organized:

- **Research Workshops & Conferences**
- **Students Events**
- **Community Workshops & Conferences**
- **Health Camps**
- **Sports, Arts, Culture & Youth Welfare Events**

For more Information on Fayoum University Events on Sustainable Development:

<https://www.fayoum.edu.eg/estidama/Activities.aspx>

&

<https://www.fayoum.edu.eg/english/FUSus/>



▪ **Research Workshops & Conferences**



[Fayoum University Launches the Central Transfer Platform](#)

August, 21st, 2024



[The President of Fayoum University Receives a Number of Doctors from African countries](#)

July, 15th, 2024



The 4th International Conference of the Faculty of Archaeology, Fayoum University
"Climate Changes and Sustainable Development in Antiquities and Heritage in light of Egypt's
Vision 2030
Luxor, Egypt
Feb., 18th-21st, 2024



FAO Model Fayoum University
Workshop on Entrepreneurship and Sustainable Development
May 1st, 2024



[A committee from the Supreme Council of Universities to Approve Digital Transformation Tests at Fayoum University](#)

July, 7th, 2024



[A Cooperation Protocol Between Fayoum University and the Arab Union for the Protection of Wildlife and Marine Life](#)

May, 20th, 2024



[Opening of the Ultra-Fast Computer Laboratory at the High Energy Physics Center at Fayoum University](#)

April, 27th, 2024



[Celebration of Outstanding Student Incubators Program](#)

26-2-2024



The 3rd International Conference on Advanced Engineering Technology and Sustainable Development

21-11-2023



Honoring a Number of Researchers Among the “Incubators for Excellence in Humanities” Initiative in Cooperation with the Ministry of Social Solidarity

16-11-2023



A Delegation of the Physical Education Sector Committee and the Scientific Committee of the Supreme Council of Universities Visits Fayoum University

5-11-2023



Symposium of "Impact of Climate Change on Egypt" within the framework of the Initiative (Our Country Hosts COP 27)

March 22nd, 2022



Workshop of Egyptian Water Security and the Impact of Water Scarcity

March, 21st, 2022



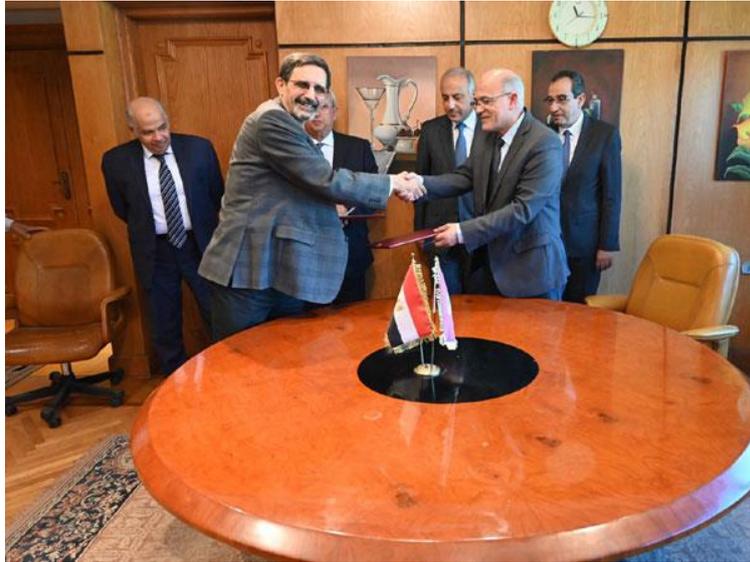
Workshop on " Present Situation and Prospects of the Development of Energy & Water"

In Cooperation with the Academy of Scientific Research & Technology (ASRT) & the Arab-German Young Academy of Sciences and Humanities (AGYA)

Nov., 5-7th, 2019



▪ **Students Events**



Fayoum University Signs a Cooperation Protocol with Nahda University

21-4-2024



Meeting of the Administrative and Academic Council for Joint Programs Between Fayoum University and the Egyptian National E-Learning University

20-2-2024



Launching the Activities of the Ideal Male and Female Student Competition

6-12-2023



Fayoum University President Witnesses the Opening Ceremony of the thirteenth Universities Youth Week at Helwan University

10-9-2023



▪ **Community Workshops & Conferences**



[World Food Day 2024](#)

Oct., 16st, 2024



[Fayoum University Organizes “Charity Convoy” for School Students](#)

Sept., 12th, 2024



[Roundtable Discussion to Enhance Partnership Between Fayoum University and the Private Sector](#)

July 30th, 2024



[A Cooperation Protocol Between Fayoum University and the Japanese Yazaki Corporation for Manufacturing Wire Harness for Vehicles](#)

April, 29th, 2024



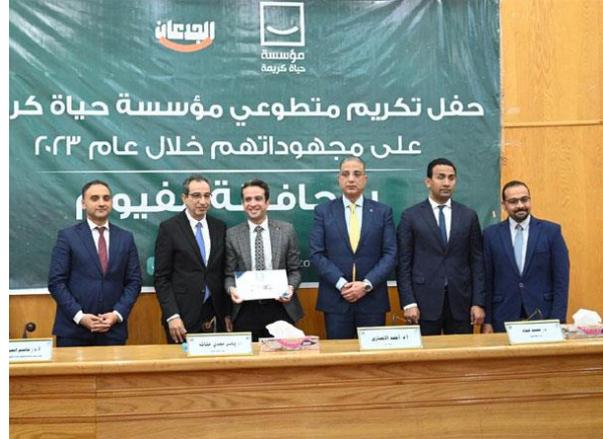
The First Employment Forum For University Students

April, 29th, 2024



Prof. Hatata Opens a Clothing Fair for University Students

22-2-2024



[A Ceremony Honoring Volunteers of Haya Karima Initiative in Fayoum](#)

4-2-2024



[A Symposium Entitled: "Developing Awareness of the Dangers of Illegal Immigration"](#)

19-12-2023



Open Dialogue about "The Update of Egypt Vision 2030 and the Role of Academics and Youth in Achieving Strategic Goals"

March, 4th, 2020



▪ **Health Camps**



[Fayoum University participation in the Presidential Egyptian Decent Life Initiative](#)

["Health Comprehensive Camp in Fayoum Village Tamiya"](#)

May, 22nd, 2022



[The College of Dentistry participates in a comprehensive development convoy in the village of Mattaras, Sinnorus Center](#)

Sept., 4th, 2024



The College of Dentistry participates in a comprehensive development convoy in the village of Motwal in Itsa Village
July, 10th, 2024



▪ **Sports, Arts, Culture & Youth Welfare Events**



[Prof. Hatata Honors the University's Staff Winner Football Team](#)

18-4-2024



[Opening of the 14th Theater Festival for Short Performances](#)

17-12-2023



[Closing of the Fayoum International Film Festival for Environmental Films and Contemporary Arts](#)

22-11-2023



[Faculty of Al-Asun Organizes the Colombian Cultural Day](#)

15-11-2023

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Fayoum University

Partnership Related to SDGs



Fayoum University has a strong commitment to sustainable development and has various partnerships in place to support its initiatives. Here are examples for the areas of partnerships related to sustainable development:

- Research and Innovation Collaboration.**
- Joint Research Projects.**
- MOUs with International Higher Education Institutions.**
- Partnership with Regional/ National Higher Education Institutions.**
- Partnership with International Organizations and NGOs.**
- Partnership with Local and Regional Organizations.**



- **Research and Innovation Collaboration**



Cooperation Protocol between Fayoum University and Data Flow Verification Limited

28-8-2024



Cooperation Protocol between Fayoum University and National Education Network for Communication and Information Technology (N.E.N)

5-4-2023



**Workshop on
"Present Situation and Prospects of the Development of Energy & Water"
In Cooperation with the Academy of Scientific Research & Technology (ASRT) &
the Arab-German Young Academy of Sciences and Humanities (AGYA)
Nov., 5-7th, 2019**



- **Joint Research Projects**

- **Projects in cooperation with AGYA**

“Organization of an Intensive Practical Course on Renewable Energy for Arab Postgraduate Students”, Jan-Feb. 2017 at Fayoum University. The total funding of the project is €20,000 (Completed).
“Organization of an Intensive Practical Course on Solar Energy for Arab Postgraduate Students”, Oct. 2017 at Fayoum University. The total funding of the project is €22,000 (Completed).
Organization of an Intensive Practical Course on Fabrication and Characterization of Electronic Devices for Arab Postgraduate Students”, Dec. 11-15th, 2017 at Technical University of Dortmund, Germany. The total funding of the project is €26,000 (Completed).
“Organization of an Intensive Practical Course on Nanobiotechnology for Arab Postgraduate Students”, Nov. 2018 at Fayoum University. The total funding of the project is €30,000 (Completed).
• “International Workshop and Practical Training Course on Water-Energy Nexus” at Fayoum University, American University in Cairo and ASRT in Nov. 2019. The total funding of the project is €40,000 (Completed).
“Cancer Treatment using Nanotechnology”, Jan.-Dec. 2019. The total funding of the project is €20,000.
“Energy Applications of Transition Metals Dichalcogenides”, Jan.-Dec. 2019. The total funding of the project is €20,000.

- **Projects in cooperation with Erasmus+**

Project to control migration through sustainable development
Establishing centers to assist disabled students in North Africa
Spatial data for agriculture and water in North Africa
An exchange program for students, faculty members, and administrators between Egypt and the University of Oviedo, Spain
Managing environmental supply chains for energy, water and food

- **Projects in cooperation with FAO**

Good agricultural practices project
Project Green Job

- **Projects in cooperation with the American University in Cairo**

Access Project (Teaching English to those who are unable)

- **Projects in cooperation with JICA**

Ecotourism program in the Middle East countries
Infection control program in the Middle East countries
Quality management program for health facilities in North African countries



▪ **Other Projects and Programs**

Optimal design of hybrid renewable energy systems for tourism facilities in the Fayoum Governorate
Assessing of the potential benefits of smart grid on energy management systems at distribution side in Egypt: a prototype
Molecular nanomagnets: paving the road to molecular spintronics
International Accreditation of thin-film membranes for water purification and desalination laboratory
Novel mixed matrix Films incorporA124:A126
Manufacturing of low-cost 3D printed lab-on-chip (LOC) device for oil removal
High performance supercapacitor based on decorated carbon nanotubes
Development of 2D TMDCs Nanomaterials for Photocatalytic and Electrocatalytic Hydrogen Production
Silica Nanoparticle Incorporated Thin Film Nanocomposite Nano -filtration Membrane for Removal of Ra
Modelling of the Egyptian crustal anomaly field using space and ground magnetic data
Synthesis and metrological studies of perovskite thin films used for solar cells applications
Structure, magnetic and electric studies of strontium barium hexaferrite doped with rare-earths elements
The study of radiation shielding properties of different doped borate glass systems
MO _x (M=Cu,Ni,Mn) المطعمة بجادة (g-C ₃ N ₄ Design and Develop of Hierarchical MO _x (M=Cu,Ni,Mn) Doped with Porous g-C ₃ N ₄ as Anode Materials for
Metal Oxides Based on Inverse Opal Structures for Highly Energy Conversion
“Final state effects of quantum statistical correlations in ultra-relativistic collisions”
The Numerical solutions of some integral and integro-differential equations
Cloud Storage and Dissemination Algorithms for Mobility IoT Sensor Devices
Studying Some Inequalities Using Fractional Analysis
Environmental and Supply Chain Management for the Energy ,Water and Food Nexus – the basis for Sustainable Development
Efficient Lead-Free Perovskite Solar Cells
Cancer Cells Targeting and Therapeutics Using Carbon-based Nanomaterials
Printable Ion Electronics and Solar Cells
Laser-Induced Graphene Heterostructure for Energy Storage Applications
Optimization of Ultrafiltration Membranes for the Treatment of Oil Containing Wastewater
application of nano- materials in conservation and restoration of historical organic and inorganic materials
Archaeological Egyptian Heritage and Materials :advances in non-invasive portable spectroscopy and imaging analysis
The Arabic Bibliography of Archaeology
Study and publish the Coptic papyri in Dar elkutub
Coptic ostraca at national museum for Egyptian civilization
The documentation of the Coptic heritage (1-Fayoum)
Safety and efficiency of SGLT2i Vs DPP4i in Ramadan. Multimenter observational study
EGFR variations in lung cancer: from tissue testing to liquid biopsy.
International Collaborative Gaucher Group (ICGG) Gaucher registry.
A cloud-based complaints Management and Decision Support System for Sustainable Farming in Egypt
Faculty for Factory
Automation of Faculty of computers & Information Based on IOT
Student’s Performance Prediction using Big Data Analysis
A system to provide solutions to confront and limit the consequences of the global epidemic due to the emerging corona virus
Impact of DNA mismatch repair proteins on therapeutic efficacy of Sorafenib in HCC
Natural product Research Lab.
Safe and effective remedy for treatment of Asthma from natural source
Online Pharmacogenomics and personalized medicine postgraduate program



• **MOUs with International Higher Education Institutions**

Cameroon		
		
University of Yaoundé		
Canada		
		
Carleton University	University of Waterloo	Toronto University
China		
		
Sichuan International Studies University	Zhejiang Normal University	Ningbo University
France		
		
Bordeaux Segalen University		
Germany		
		
University of Duisburg-Essen		
Italy		
		
University of Salento	University of Milan	Sapienza University of Rome
Japan		
		
Kumamoto University	Kyushu University	
Jordan		
		
Irbid National University	Yarmouk University	Jerash University



Morocco		
		
Ibn Zohr University	Ibn Tofail University	Mohammed V University Agdal
		
Mohammed V University Souissi	Sidi Mohammed Bin Abdullah University	
Palestine		
		
University of Palestine		
Russia		
		
Southern Federal University	Moscow State University of Environmental Engineering	Russia University of the Humanities
Sudan		
		
Red Sea University	Kassala University	
United Kingdom		
		
Cardiff Metropolitan University		
United States of America		
		
Purdue University	Ball State University	Kansas State University
		
Colorado State University	Iowa State University of Sciences and Technology	Appalachian State University



Yemen		
		
Al Saeed University	University of Science and Technology	

**For more information about international cooperation, kindly
visit the following link:**

<https://www.fayoum.edu.eg/english/iro/internationalAgr.aspx>



- **Partnership with Regional/ National Higher Education Institutions**



Fayoum University Signs a Cooperation Protocol with Nahda University

21-4-2024



Meeting of the Administrative and Academic Council for Joint Programs Between Fayoum University and the Egyptian National E-Learning University

20-2-2024



[Prof. Hatata Signs a Protocol for Inaugurating the North Upper Egypt Region Alliance](#)

31-12-2023



Fayoum University: Signing a Cooperation Protocol Between the Faculty of Computers and Artificial Intelligence and the Faculty of Science and Computer Engineering at New Mansoura National University

26-10-2023



- **Partnership with International Organizations and NGOs**



[A Cooperation Protocol Between Fayoum University and the Arab Union for the Protection of Wildlife and Marine Life](#)

May, 20th, 2024



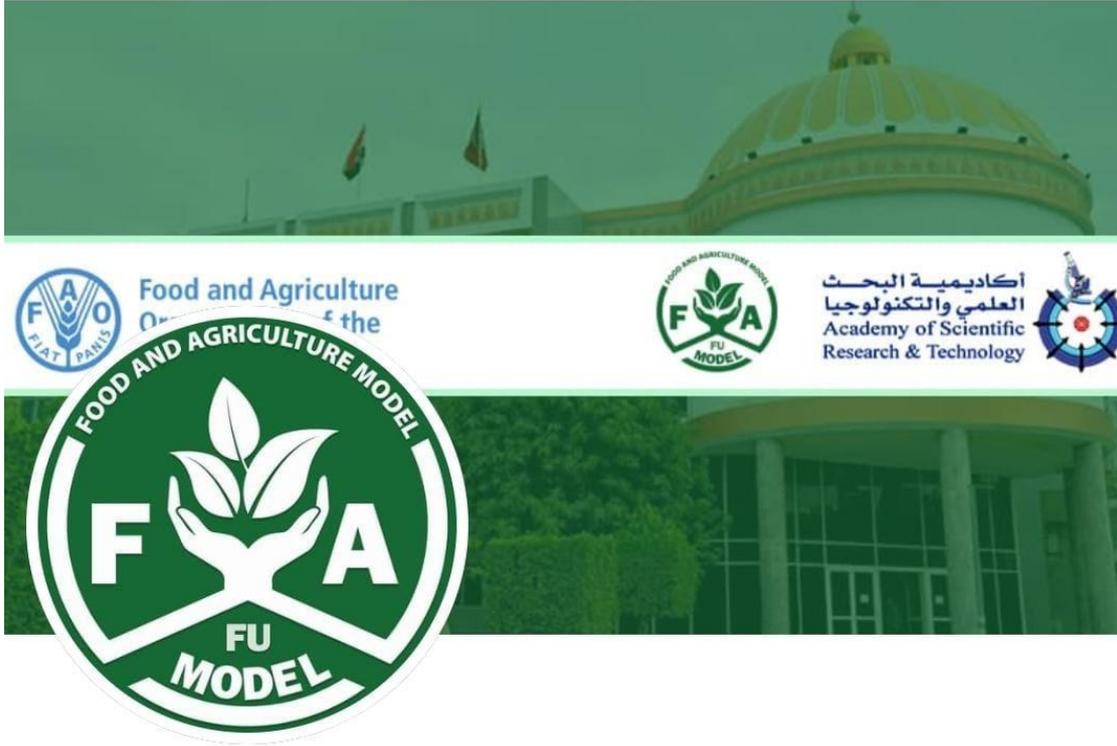
[A Cooperation Protocol Between Fayoum University and the Japanese Yazaki Corporation for Manufacturing Wire Harness for Vehicles](#)

April, 29th, 2024



FAO Model Fayoum University

نموذج الأغذية والزراعة بجامعة الفيوم المحاكى لمنظمة الفاو



About Food & Agriculture Model Fayoum University (FAO Model FU)

FAO Model is a student activity founded in 2022 at Fayoum University, Faculty of Agriculture and aimed at simulating Food and Agriculture Organization of the United Nations FAO and to promote student's graduated projects to compete scientifically and commercially.

<https://www.fao.org/egypt/partners/en/>

[FAO Model Fayoum University](#)



• Partnership with Local and Regional Organizations



FEASIBILITY STUDY

BIO

- works with MSMEs Development Agency.
- National Trainer "Start and Improve Your Business", ILO.
- International Trainer "Business Driving License", IBDL.
- Bachelor Degree in French Literature and Language Department, Faculty of Arts_ Alexandria University.
- Masters in business Administration at AAST.
- Professional Certificate in Human Resources Management, AAST.
- Trainer "Financial Education" ,ILO.



DAHLIA MOUSTAFA

 6 October, 2023
Friday

 8:30 pm

In partnership with

Micro, Small and Medium Enterprise Development Agency,

Presidency of the Egyptian Council of Ministers



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Fayoum University Contribution to Policy Making



Fayoum University plays a vital role in supporting the achievement of the Sustainable Development Goals (SDGs) with direct involvement in national and international presence, by several means like:

- **Research for SDGs:**

Fayoum University conducts research to identify and analyze pressing global and local challenges related to the SDGs, such as climate change, poverty, inequality, and environmental degradation.

- **Knowledge Sharing for SDGs:**

Fayoum University disseminates its findings through publications, conferences, and workshops to inform policymakers and stakeholders.

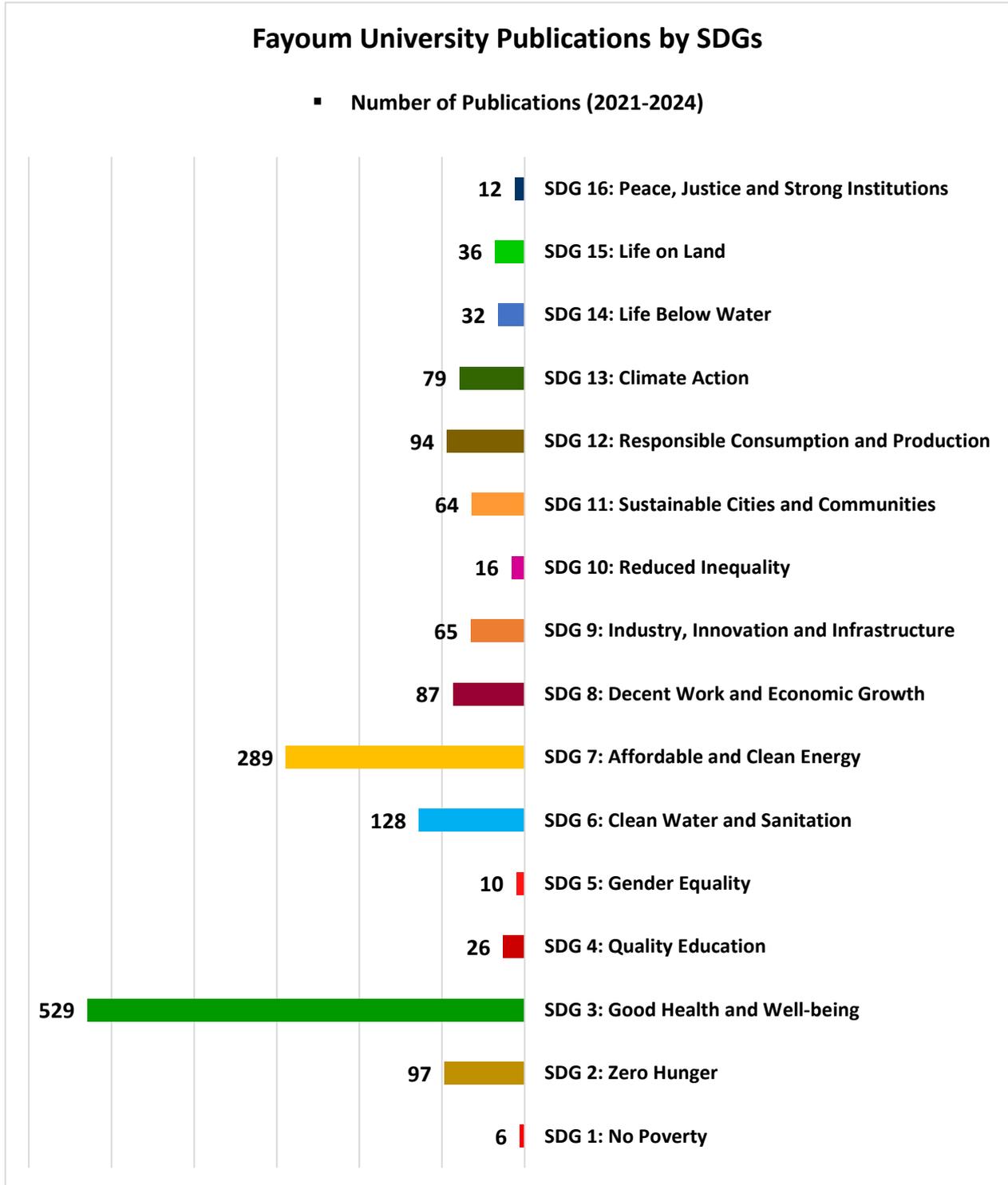
- **Fayoum University Academic Staff and their Contribution to National/ International Policy Making:**

Fayoum University faculty staff have been appointed as members of several National/ International Scientific Councils. These councils serve to further sustainable development at the national and international levels, engaging a wide range of stakeholders in the process of creating national sustainable development strategies and policies.

Examples for Fayoum University's Contributions to National/ International Policy Making:

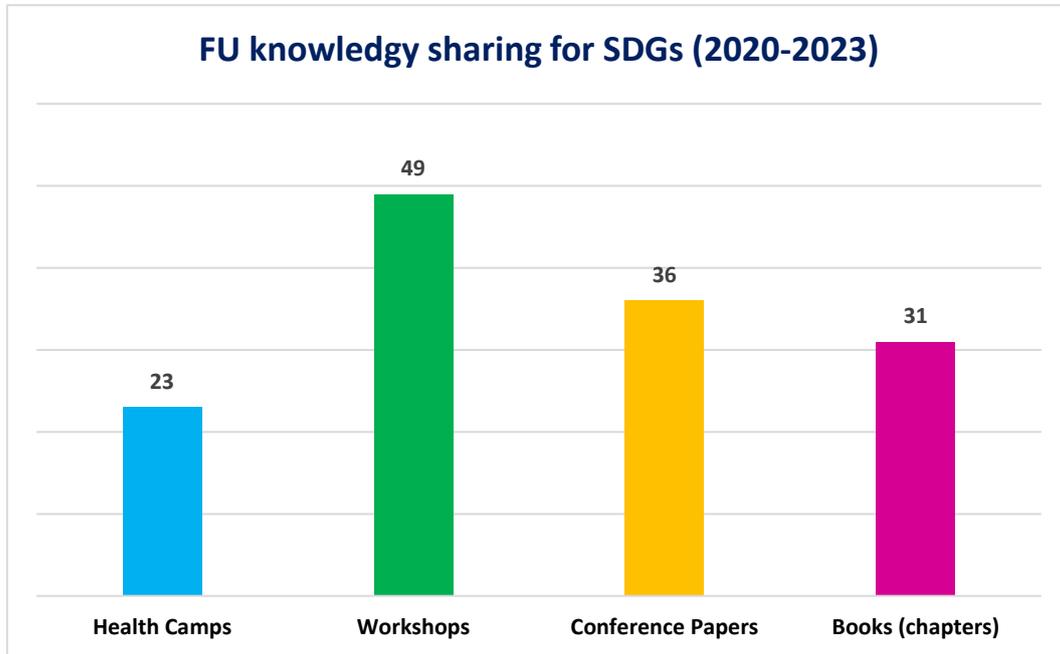


▪ **Fayoum University Research for SDGs:**





- Knowledge Sharing for SDGs:





▪ **FU Notable Academics with National/ International Positions Related to SDGs**



SDG 7) Affordable & Clean Energy: Ensure access to affordable, reliable, sustainable and modern energy for all



Prof. Arafa Sabry Hassen
Professor of Materials Science,
Physics Department, Faculty of
Science

- Member of the National Committee of Physics
- Member of Solid-State Physics Society
- Member of the American Chemical Society
- Head of the Scientific Professions Syndicate in Fayoum



Dr. Mohamed Attia
Associate Professor of Physics,
Faculty of Science

- Member of the Compact Muon Solenoid (CMS) experiment managed by CERN in cooperation with the Egyptian Network for High Energy Physics (ENHEP) supported by the Academy of Scientific Research and Technology (ASRT).



Dr. Yasser Abdul-Kawi
Associate Professor of Physics,
Faculty of Science

- Member of the Compact Muon Solenoid (CMS)



Prof. Ahmed Saad Goma Khalil
Professor of Materials Science,
Physics Department, Faculty of
Science

- Elected member of the Arab-German Young Academy of Sciences and Humanities (AGYA), Germany
- Member of Materials Research Society, USA



SDG 2) Zero Hunger: End hunger, achieve food security and improved nutrition and promote sustainable agriculture

	<p><u>Prof. Zaher A. Mohamed</u> Professor of Biochemistry, Faculty of Agriculture</p>	<ul style="list-style-type: none"> ▪ Member of Planning Committee, Agricultural Studies Sector, Supreme Council of Universities ▪ Reviewer of the Study Regulations & By-Laws
	<p><u>Prof. Kamal Hassan Ghalab</u> Professor of Agronomy, Faculty of Agriculture</p>	<ul style="list-style-type: none"> ▪ Human Development Expert (Administrative Path) for the Holding Company for Water and Wastewater ▪ Strategic Planning Expert at the Regional Training Sector of the Ministry of Water Resources and Irrigation
	<p>Prof. Sanaa Haroon Professor of Plant Protection, Faculty of Agriculture</p>	<ul style="list-style-type: none"> ▪ Egyptian Representative of Nematode International Federation
	<p>Prof. Mostafa M. Rady Professor of Plant Physiology, Faculty of Agriculture</p>	<ul style="list-style-type: none"> ▪ Member of the International Society for Development & Sustainability, ISDS Society, Japan ▪ Member of the International Society of Global Health (ISoGH) ▪ Member of the Egyptian Society of Botany, Egypt
	<p><u>Prof. Taia Ali Abd El-Mageed Ali</u> Professor of Soil & Water, Faculty of Agriculture</p>	<ul style="list-style-type: none"> ▪ Member of the Egyptian Society of Soil Science and Water Resources ▪ Reviewer for International Journals: Agricultural Water Management, Irrigation science, Irrigation Drainage and others
	<p><u>Prof. Ayman Shelaby</u> Professor of Agricultural Economics, Faculty of Agriculture</p>	<ul style="list-style-type: none"> ▪ Agricultural Economics Expert, United States Agency for International Development (USAID) ▪ Marketing Team Leader, Cultivating New Frontiers in Agriculture CNFA ▪ Proposals Evaluation Expert, European Commission- Research Executive Agency



SDG 9) Industry, Innovation & Infrastructure: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

	<p><u>Prof. Magdy Hanna</u> Professor of Physics & Mathematics, Faculty of Engineering</p>	<ul style="list-style-type: none"> ▪ Life Senior Member of the IEEE (Institute of Electrical and Electronics Engineers) ▪ Member of Eta Kappa Nu (The Electrical Engineering Honor Society) ▪ Member of SIGMA XI (The Scientific Research Honor Society of North America)
	<p><u>Prof. Sherif Sabry ElAttar</u> Professor of Architectural Engineering, Faculty of Engineering</p>	<ul style="list-style-type: none"> ▪ Member of ASCE. ▪ Member of MARQUIS Who's Who in Science and Engineering ▪ Member of the Society of Scientific Signs in the Quran and Sunnah
	<p><u>Prof. Mohamed Helmy Khafaga</u> Professor of Information Systems, Faculty of Computers and Artificial Intelligence</p>	<ul style="list-style-type: none"> ▪ Reviewer for the Egyptian Informatics Journal, WSEAS, and Journal of Convergence Information Technology
	<p>Prof. Shereen Aly Mohamed Taie Professor of Computer Science, Faculty of Computers and Artificial Intelligence</p>	<ul style="list-style-type: none"> ▪ Reviewer for research projects in the National Telecom Regulatory Authority (NTRA), Egypt. ▪ Certified auditor in the National Authority for Quality Assurance and Accreditation, Egypt. ▪ Member of the team of the project "Energy Harvesting Solution for Wireless Sensors in IoT Systems for Smart Environments" Funded by NTRA
	<p><u>Dr. Ahmed Slama Ismail</u> Associate Professor of Information Systems Faculty of Computers & Artificial Intelligence</p>	<ul style="list-style-type: none"> ▪ Co-Founder of Arabic chapter of DBpedia Project ▪ Manager for the Academy of improving and qualifying the skills of employees and citizens in Fayoum



11 SUSTAINABLE CITIES AND COMMUNITIES



SDG 11) Sustainable Cities & Communities: Make cities and human settlements inclusive, safe, resilient and sustainable



Prof. Atef Mansour
Professor of Islamic
Archaeology, Faculty of
Archaeology

- Winner of the Award for Scientific Excellence of the Union of Arab Archaeologists.



Prof. Maher A. Eissa
Professor of Egyptology,
Faculty of Archaeology

- Member of Centre of Coptic Studies, Bibliotheca Alexandrina
- Member of International Council of Museums Egypt (ICOM)



Prof. Ayman Waziry
Professor of Egyptology,
Faculty of Archaeology

- Secretary General of the Cultural Committee in the Egyptian Archaeologists Association.
- Director of the Union of Egyptian Archaeologists.



Prof. Ateef Abd Al-Dayim
Professor of Islamic
Archaeology, Faculty of
Archaeology

- Member of the Union of Arab Archaeologists
- Member of the Union of Arab Historians.

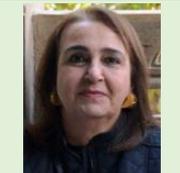


SDG 4) Quality Education: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

	<p><u>Prof. Mohammad Sakran</u> Professor of Foundations of Education, Faculty of Education</p>	<ul style="list-style-type: none"> ▪ The State Excellence Award-Winner in 2011
	<p><u>Prof. Mohamed Abd Elrahman Alsharnoubi</u> Professor of Geography, Faculty of Arts</p>	<ul style="list-style-type: none"> ▪ The State Merit Award-Winner for Social Sciences: 2011 ▪ Member of WHO'S WHO OF PROFESSIONALS ▪ Member of the Academy of Arabic Language.
	<p><u>Prof. Ragaa Ahmed Eid</u> Professor of Curricula and Teaching Methods, Faculty of Education</p>	<ul style="list-style-type: none"> ▪ Participant in academic accreditation for colleges of education in the Arab World (Sausi Arabia & Qatar)
	<p><u>Prof. Amaal Rabie Kamel</u> Professor of Curricula and Teaching Methods, Faculty of Education</p>	<ul style="list-style-type: none"> ▪ One of the Most Influential Female Figures in Fayoum Governorate 2024
	<p><u>Prof. Mohammed Farouk Ali</u> Professor of Curricula and Teaching methods, Faculty of Education</p>	<ul style="list-style-type: none"> ▪ A member in TESOL Arabia. ▪ A member in the Egyptian Association of Curricula and Methodology– College of Education/ Ain Shams University
	<p><u>Prof. Amal Gomaa Abd el Fatah</u> Professor of Curricula and Teaching methods, Faculty of Education</p>	<ul style="list-style-type: none"> ▪ Member of the National Association of young Muslim women in Fayoum Governorate.
	<p><u>Prof. Mohamed AlKhuzamy Aziz</u> Professor of Geography, Faculty of Arts</p>	<ul style="list-style-type: none"> ▪ Member of the Scientific Promotion Committee for Geography, Supreme Council for Egyptian Universities. ▪ Fellow of the Scientific academy, Ministry of Scientific Research.



SDG 3) Good Health & Wellbeing: Ensure healthy lives and promote well-being for all at all ages

	<p><u>Prof. Yasser Magdy Hatata</u> Professor of General Surgery, Faculty of Medicine</p>	<ul style="list-style-type: none"> ▪ Supervisor of the establishment of the first Radiotherapy Centre for Oncology in Fayoum. ▪ Member of the liver transplant team at Al Sahel Teaching Hospital, the International Medical Centre, and Dar Al Fouad Hospital. ▪ Supervising the implementation of the One Hundred Million Health Campaign, sponsored by the Egyptian President, on hepatitis viruses, non-communicable diseases, women's health, and early detection of breast cancer.
	<p><u>Prof. Khaled Emam AlKhashab</u> Professor of Cardiology, Faculty of Medicine</p>	<ul style="list-style-type: none"> ▪ Member of the Egyptian Heart Association ▪ Member of the European Heart Association
	<p><u>Prof. Assem Fouad El Essawy</u> Professor of Chest Diseases, Faculty of Medicine</p>	<ul style="list-style-type: none"> ▪ Member of the Egyptian Scientific Society of Bronchology. ▪ Member of the Board of Directors of the Egyptian Society of Chest Diseases & Tuberculosis. ▪ Member of the American College of Chest Physicians.
	<p><u>Prof. Naglaa ElSherbeiny</u> Professor of Public Health, Faculty of Medicine</p>	<ul style="list-style-type: none"> ▪ Member of the Egyptian Nutrition Board. ▪ National Consultant of Training in HCI (Health Care International) in collaboration with Takamol Project USAID Cairo, EGYPT. ▪ MCH Department MOHP Healthy Mother/Healthy Child Project Cairo, Egypt. ▪ Supervisor of the maternal and child health units in the different governorates to assess and evaluate all the activities in those units.
	<p><u>Prof. Somaya El Gawhary</u> Professor of Pathology, Faculty of Medicine</p>	<ul style="list-style-type: none"> ▪ Member of the Union of Arab Paediatric Societies (UAPS). ▪ Member of the Thalassemia International Federation (TIF).



10 REDUCED INEQUALITIES



SDG 10) Reduced Inequalities: Reduce inequality within and among countries



[Prof. Wafaa Yousri Ibrahim](#)
Professor of Development & Planning, Faculty of Social Work

- Member of the National Council for Women
- Counselor for Advisory Committee of UNICEF



[Prof. Salah Ahmed Hashem](#)
Professor of Development & Planning, Faculty of Social Work

- Member of the Committee for the Activation of Arab Women's Solidarity Association (AWSA).
- Manager Governorate for Prevention of Child Labor, Rehabilitation and Reintegration of Child Labors" at Egyptian Red Crescent Association, sponsored by NCCM and World Bank



[Dr. Emad Abdelsalam](#)
Associate Professor of Fields of Social Work, Faculty of Social Work

- Child Media Project Officer, Greater Cairo, Egypt
- Program Officer, Youth in Action, Project. Save the Children, Cairo, Egypt



SDG 17) Partnerships for the Goals: Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development

	<p><u>Prof. Galal Mostafa Said</u> Professor, Faculty of Engineering</p>	<ul style="list-style-type: none"> ▪ Former Minister of Transport ▪ Former Governor of Cairo Governorate
	<p>Prof. Saad Nassar Professor, Faculty of Agriculture</p>	<ul style="list-style-type: none"> ▪ Counsellor of The Minister of Agriculture ▪ Former Governor of Fayoum Governorate
	<p><u>Prof. Samir Seif El-Yazil</u> Professor, Faculty of Agriculture</p>	<ul style="list-style-type: none"> ▪ Former Governor of Beni-Suef
	<p><u>Prof. Mohammad El-Khaleely</u> Professor, Faculty of Agriculture</p>	<ul style="list-style-type: none"> ▪ Former Cultural Attaché for Morocco
	<p><u>Prof. Mahmoud Huweidi</u> Professor, Faculty of Tourism & Hotels</p>	<ul style="list-style-type: none"> ▪ Former Cultural Attaché for Libya
	<p><u>Prof. Mona El-Khashaab</u> Professor, Faculty of Agriculture</p>	<ul style="list-style-type: none"> ▪ Member of the Egyptian Senate

A large, light-colored watermark of the Fayoum University logo is centered on the page. It features a stylized 'F' in blue and green, with a circular emblem containing a building and a sun.

Separate Reports on SDGs



Fayoum University Disabilities Welfare Policy

Policy

Fayoum University Campus is easily accessible by people with disabilities. Here are some of the areas that Fayoum University considers in relation to accessibility by people with disabilities on campus:

Accessible paths Wide enough for a person using a wheelchair / walking frame/ mobility aid to pass.

Seating In teaching spaces there are fixed seating and spaces for people using wheelchairs.

Stairs All stairs have handrails.

Lifts Lifts are wide enough for a person using a wheelchair/ walking frame/ mobility aid to pass.

Lift buttons are at a height that can be reached by all.

Some lifts provide audible information telling passengers what floor they arrived at.

Sanitary facilities Easy to open / close doors.

Bathrooms have sufficient space around toilet to accommodate left or right-side transfers.

Equipment / facilities are available at appropriate heights e.g., taps, mirror, hand dryers.

Emergency procedures There are designated staff who are trained to support evacuation of people with disability?

Reporting

The University will make available on an annual basis an impact report highlighting how the University is working to meet the framework set out within the Sustainable Disabilities Welfare Policy.

Review and Update

The Sustainable Disabilities Welfare Policy is reviewed on an ongoing basis by the University.

Effective Date and Approval

This Policy is effective January 1, 2016. Last reviewed and updated Jan 1, 2024.



Fayoum University Equality, Diversity and Inclusion (EDI) Policy

Fayoum University started issuing sustainability reports and sharing its rules and progress with regards to Equality, Diversity and Inclusion (EDI) performance in 2016. Equality, diversity and inclusion have been on the top of the University's agenda ever since.

In line with its strategic plan, Fayoum University is committed to securing the highest standards of equality, diversity and inclusion. This Policy will support the University to create a positive culture where all members of its community are treated with dignity and respect. Discriminatory behavior or treatment will not be tolerated.

This Policy aims to ensure that individuals in the University community can reach their full potential through the freedom to be themselves, be authentic and not seek to conceal elements of their identity to avoid unfair treatment.

This Policy is applicable to all members of the University community, including:

- All academic staff members
- All Non-academic staff
- All Undergraduates and Postgraduate Students

The Policy prohibits discrimination on the grounds of the following characteristics:

- Age
- Disability
- Gender
- Race
- Religion or belief
- Sex



Reporting

The University will make available on an annual basis an impact report highlighting how the University is working to meet the framework set out within the Sustainable Equality, Diversity and Inclusion (EDI) Policy.

Review and Update

The Sustainable Equality, Diversity and Inclusion (EDI) Policy is reviewed on an ongoing basis by the University.

Effective Date and Approval

This Policy is effective January 1, 2016. Last reviewed and updated Jan 1, 2024.



Fayoum University Climate Change Action Plan

Fayoum University is following an ambitious strategy that supports the transition to cleaner energy and the reduction of carbon emissions as part of Egypt's 2030 vision for sustainable development.

Fayoum University Alignment with Egypt's NCCS 2050

Egypt launched [The National Climate Change Strategy \(NCCS\) 2050](#) as a roadmap to meet the challenges of climate change within the framework of the updated Egypt Vision 2030. The strategy will enable Egypt to plan and manage climate change at different levels in a way that supports the achievement of the country's desired economic and development goals, following a low-emissions approach.

NCCS 2050 Vision

The vision of the National Climate Change Strategy is:

“Effectively addressing the impacts of climate change, which contributes to improving the quality of life for the Egyptian citizen, achieving sustainable development and sustainable economic growth, preserving natural resources and ecosystems, and strengthening Egypt National Climate Change Strategy (NCCS) 2050 Egypt's leadership at the international level in the field of climate change.”

NCCS Goals and Objectives

It is worth noting that NCCS identifies five main goals, including twenty-two objectives, each containing a number of directions that will contribute to achieving the objectives. NCCS goals and objectives are:



Goal 1: Achieving Sustainable Economic Growth and Low-Emission Development in Various Sectors

- Objective (1.a): Energy transition by increasing the share of all renewable and alternative energy sources in the energy mix
- Objective (1.b): Reducing emissions associated with the use of fossil fuels
- Objective (1.c): Maximizing energy efficiency
- Objective (1.d): Adopt sustainable consumption and production trends for reduction of greenhouse gas emissions from other non-energy activities

Goal 2: Enhancing Adaptive Capacity and Resilience to Climate Change and Alleviating the Associated Negative Impacts

- Objective (2.a): Protect citizens from the negative health impacts of climate change
- Objective (2.b): Minimize loss and damage to country assets and ecosystems by preserving them from the impacts of climate change
- Objective (2.c): Preserving the country's resources from the impacts of climate change
- Objective (2.d): Resilient infrastructure and services in the face of climate change impacts
- Objective (2.e): Implementation of disaster risk reduction concepts
- Objective (2.f): Preserving and expanding green spaces
- Objective (2.g): Strengthening women's response considerations to help them adapt to climate change

Goal 3: Enhancing Climate Change Action Governance

- Objective (3.a): Defining the roles and responsibilities of the different stakeholders in order to achieve the strategic goals
- Objective (3.b): Improving the rank of Egypt in the international profile of climate change actions to attract further investments and climate finance opportunities
- Objective (3.c): Sectoral policy reform to capture the required climate change mitigation and adaptation interventions
- Objective (3.d): Enhancing institutional, procedural and legal arrangements such as Monitoring, Reporting and Verification (MRV) system

Goal 4: Enhancing Climate Financing Infrastructure

- Objective (4.a): Promoting local green banking and green credit lines
- Objective (4.b): Promoting innovative financing mechanisms prioritizing adaptation actions, e.g., green bonds
- Objective (4.c): Private sector engagement in climate finance and promotion of green jobs
- Objective (4.d): Compliance with Multilateral Development Banks (MDB) guidelines for climate finance
- Objective (4.e): Building on success of the current climate finance programs

Goal 5: Enhancing Scientific Research, Technology Transfer, Knowledge Management and Awareness to Combat Climate Change

- Objective (5.a): Strengthening the role of scientific research and technology transfer in climate change mitigation and adaptation
- Objective (5.b): Facilitating the dissemination of climate-relevant information and knowledge management among government institutions and citizens
- Objective (5.c): Raising awareness on climate change among different stakeholders (high-level policy/decision makers, citizens, and students)

Fayoum University's Contributions to the Global Climate Change Research

*Source of Information: [Arab Republic of Egypt, Ministry of Environment, Egyptian Environmental Affairs Agency](#)

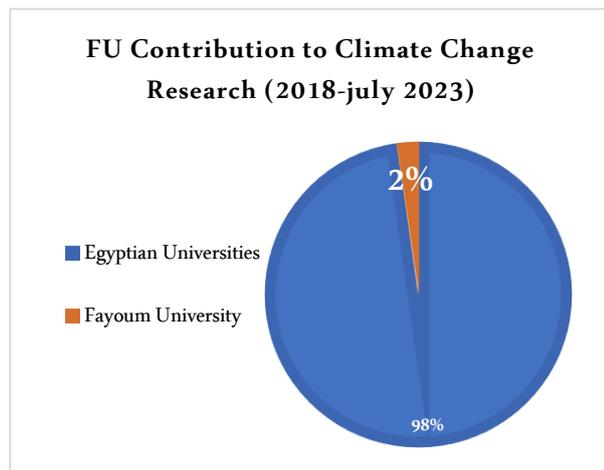


Promote Climate Change Education & Research

Our Climate Action Plan proposes that issues of climate change and sustainability be incorporated into part of every student/ graduate's campus experience, as these issues will be part of their lives beyond FU.

According to Scopus (2018 to 2023), Fayoum University contributes to the global climate change research by:

- 63 Research Papers
(1,610 citations)
- 98 Graduate Programs
- 4 Research Projects



FU Efforts to achieve NCCS 2050

▪ Integrate Climate Action into Strategic Plan

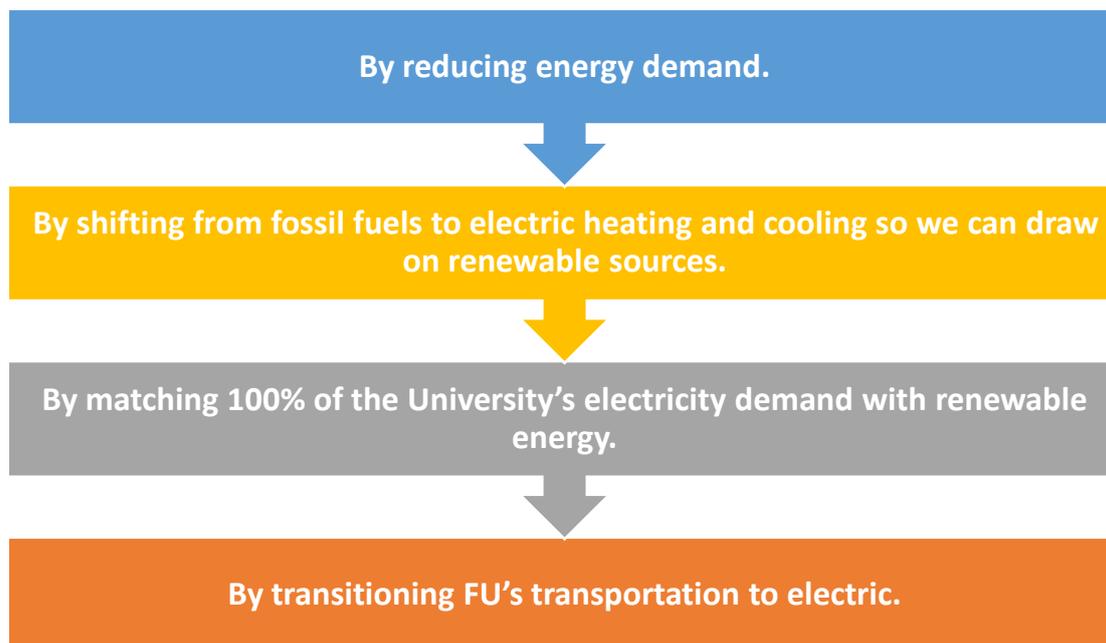
In order to increase the University's commitment to and focus on sustainability across teaching, research, and operations, FU incorporates the Climate Action Plan into its Strategic Plan.

▪ Working towards net zero carbon

FU sets an ambitious and realistic strategy that places FU in a leadership role locally and nationally, and provides the greatest opportunities for sustained environmental benefits.

Our pledge to become a net zero carbon campus means making significant and rapid changes to reduce carbon emissions to the lowest amount. We've set a target to reach net zero scope 1 and 2 carbon emissions from our buildings by 2050, and are committed to getting scope 3 emissions to net zero as soon as possible.

▪ How will we get there?



FU Energy Usage

▪ FU Total Energy Used	12439 GJ
▪ FU Total energy used from low-carbon sources	621 GJ

Reporting

The University will make available on an annual basis an impact report highlighting how the University is working to meet the framework set out within the Sustainable Climate Change Policy.

Review and Update

The Sustainable Climate Change Policy is reviewed on an ongoing basis by the University.

Effective Date and Approval

This Policy is effective January 1, 2016. Last reviewed and updated Jan 1, 2024.



Fayoum University Sustainability, Energy & Carbon Management

Fayoum University is committed to reaching net zero carbon by 2050. This will include reducing our carbon emissions from energy consumption to a minimum.

- **Working towards net zero carbon**

FU sets an ambitious and realistic strategy that places FU in a leadership role locally and nationally, and provides the greatest opportunities for sustained environmental benefits.

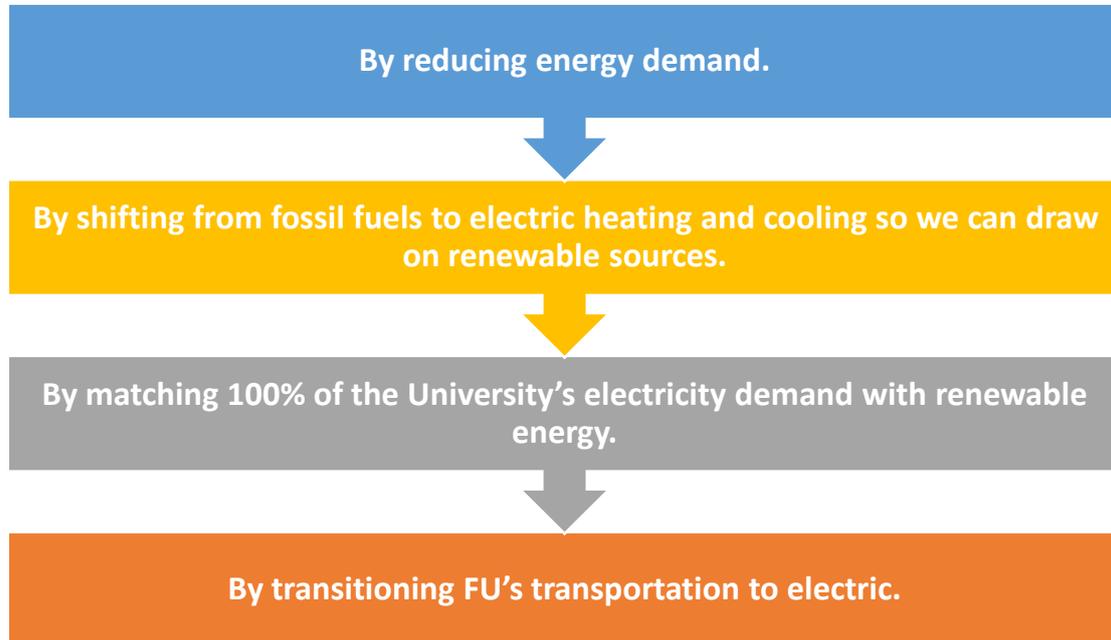
Our pledge to become a net zero carbon campus means making significant and rapid changes to reduce carbon emissions to the lowest amount. We've set a target to reach net zero scope 1 and 2 carbon emissions from our buildings by 2050, and are committed to getting scope 3 emissions to net zero as soon as possible.

- **Developing low carbon and renewable sources of energy**

Where possible we're developing low carbon and renewable sources of energy.



▪ **How will we get there?**



FU Energy Usage

▪ FU Total Energy Used	12439 GJ
▪ FU Total energy used from low-carbon sources	621 GJ

Reporting

The University will make available on an annual basis an impact report highlighting how the University is working to meet the framework set out within the Sustainable Carbon Management Policy.

Review and Update

The Sustainable Policy is reviewed on an ongoing basis by the University.

Effective Date and Approval

This Policy is effective as of January 1, 2016. Last reviewed and updated Jan 1, 2024.



Fayoum University Sustainable Investment Policy

Policy

- As part of Egypt Vision 2030, Fayoum University is committed to outlining how the University is embracing environmental, social and governance factors within its investments.
- Fayoum University is committed to ensuring that it makes investment decisions responsibly and with integrity.
- This policy for ethical investment has been developed to allow the University to pursue an ethical approach while minimizing any negative effect on its investment returns. In making investment decisions the University expects to encourage good behavior or discourage poor behavior through the screening of investments, either positively or negatively, and through the direct engagement with partners.
- This policy supports the vision of the University to be a world-leading, research-excellent, educationally outstanding university, driven by creativity, which fulfils its social, cultural and economic obligations to Fayoum community, Egypt, and the world.
- The University is committed to reducing its carbon footprint, with a view to being carbon neutral by 2050.

Reporting

The University will make available on an annual basis an impact report highlighting how the University is working to meet the framework set out within the Sustainable Investment Policy.

Review and Update

The sustainable investment policy is reviewed on an ongoing basis by the University.

Effective Date and Approval

This Policy is effective January 1, 2016. Last reviewed and updated Jan 1, 2024.



Fayoum University Sustainable Purchasing Policy

Policy

Consistent with Fayoum University's Strategic Plan, the purpose of this policy is to guide University procurement in ways that advance social responsibility and environmental sustainability by using, maintaining, disposing or re-purposing, goods and services which:

- improve energy, water, and material efficiency;
- utilize renewable materials;
- advance the University toward carbon-neutrality or net positive renewable energy production;
- eliminate waste, especially hazardous materials;
- enhance the physical campus environment;
- protect and enhance the health of the campus community;
- encourage FU Staff and students to adopt sustainability practices;
- support locally produced goods and services; and
- educate the University campus and the extended community about sustainability.

Fayoum University Sustainable Practices Policy prioritizes waste reduction in the following order:

- Reduce
- Reuse
- Recycle

Accordingly, sustainable procurement should reduce unnecessary purchasing first, then prioritize purchase of surplus or multiple use products before purchasing recyclable products.

Reporting

The University will make available on an annual basis an impact report highlighting how the University is working to meet the framework set out within the Sustainable Purchasing Policy.

Review and Update

The Sustainable Purchasing Policy is reviewed on an ongoing basis by the University.

Effective Date and Approval

This Policy is effective January 1, 2016. Last reviewed and updated Jan 1, 2024.



For more information, kindly visit:

www.fayoum.edu.eg

<https://www.fayoum.edu.eg/estidama/Activities.aspx>

<https://www.fayoum.edu.eg/english/FUSus/>

or contact us at

vppgr@fayoum.edu.eg