

Better World for All....



Contents

Page

FUE Sustainability..... 3

Devotion to Sustainability..... 3



Research Output and SDGs..... 4



Teaching and SDGs..... 4



Good Health and Well-Being..... 5



Quality Education..... 7



Gender Equality..... 8



Affordable and Clean Energy..... 9



Reduced Inequality..... 10



Climate Action..... 11

FUE Sustainability

Inspired by Egypt 2030 Vision, the sustainable development plans in FUE were set to serve the UN sustainable development goals, as a general framework, for improving the quality of education and welfare, taking into consideration the rights of new generations in a prosperous life with three main dimensions:

- Economic
- Social
- Environmental dimensions

At the heart of Cairo, FUE is a leading university committed to international excellence, high-quality, inspirational teaching, and world-changing research.

FUE's contribution to the SDGs has been mapped using a varied methodology. The mission statement of FUE affirms a commitment to "an atmosphere that values intellectual curiosity and the pursuit of knowledge while preserving academic freedom and integrity". FUE is thus committed to creating environments where freedom of inquiry occurs in a climate of inclusiveness and civility. Central to this commitment is the principle of treating each member of the University community fairly and with respect. To encourage such behavior, FUE prohibits discrimination, disrespect, and harassment and provides equal opportunities for all community members regardless of their race, color, religion, ethnic origin, ancestry, medical condition, marital status, gender, or age. Where actions are found that violate this standard, the University will take prompt action to end the offending conduct, prevent its recurrence, provide corrective training, and, when necessary, discipline those responsible.



The FUE sustainability planning comprising four core areas: Teaching and Research, Society, Environment and Climate, Administration and Governance.

Devotion to Sustainability

FUE is a member in the **Higher Education Sustainability Initiative**, which is an open partnership between several United Nations entities and the higher education community launched in the lead-up to the Rio+20 Conference in 2012. Through its strong association with the United Nations, HESI aims to provide higher education with an interface between higher education, science, and policy making by raising the profile of higher education's sector in supporting sustainable development, convening multi-stakeholder discussions and action, and sharing best practices.

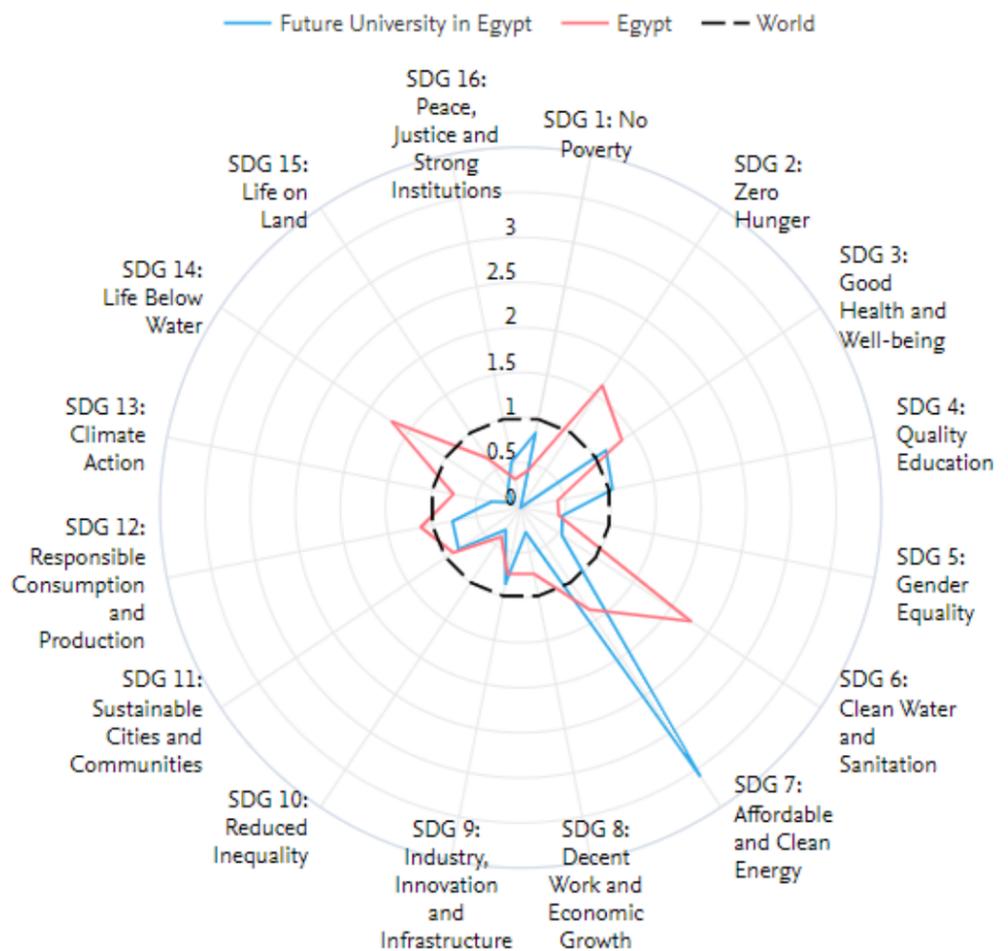


FUE has embraced sustainability to handle environmental issues and climate changes including scarcity of resources, pollution, and waste management. The University's commitment to sustainability subsumes three main areas, namely: the management of Water, Energy and Waste. The purpose of these initiatives is to use resources wisely and effectively. FUE arranges annual seminars, events, and workshops, in face-to face or online, to create, develop and raise awareness of the effective management of water, energy and waste throughout the students, staff, faculty and community. The University includes an annual event entitled "Sustainability at FUE" where newcomers are oriented on sustainable practices.

Research Output and SDGs

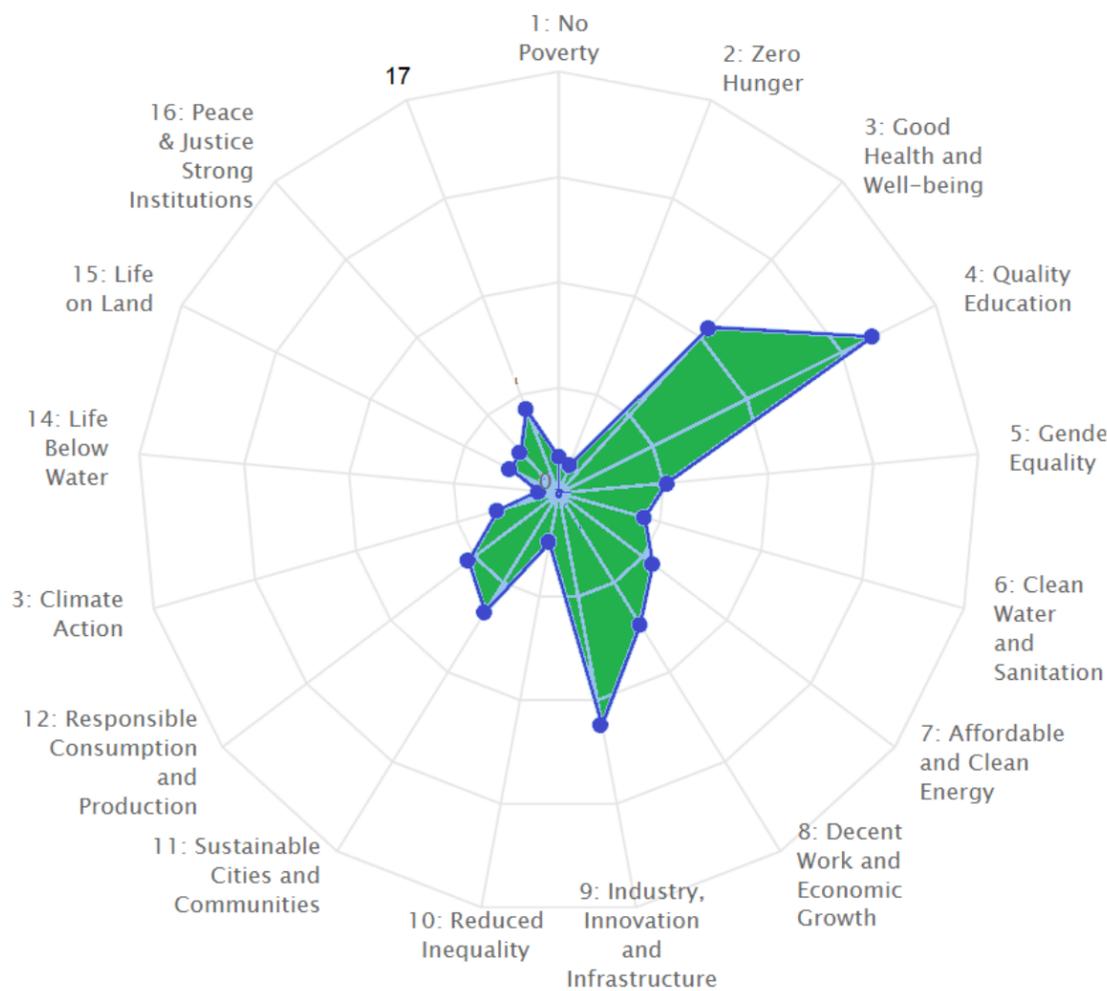
FUE's SDG contribution has grown over these 16 years. From 2006, FUE published science-related journal and conference papers. According to Scopus SDG mapping and the descriptions of the 17 SDGs, most of FUE publications identified to be relevant to the goals. Given the interdisciplinary nature of research required for each SDG, each of FUE staff and researchers produce papers that can contribute to more than one goal. For the SDGs, the Relative Activity Index is calculated for FUE by looking at the total publications for an SDG, divided by the total publications.

Affordable and clean energy (goal 7), good health and well-being (goal 3), Industry, innovation and infrastructure (goal 9), Climate action (goal 13), and responsible consumption and production (goal 12) are the top SDGs supported by FUE's output. The high concentration of articles on affordable and clean energy and climate change may indicate some top-down influences, in line with Egypt 2030 strategies.



The listed FUE's output for SDGs are based on the Elsevier SDG Mapping (from 2012 to 2021).

Teaching and SDGs



The listed FUE's courses and modules for SDGs.

Many of FUE courses and modules are aligned, through teaching, learning, and contents, with the UN SDGs.

For the six faculties and their wide spectrum curricula, the courses are classified into three categories:

- Courses that use action-oriented pedagogies related to SDGs.
- Courses indirectly including topics related to the SDGs.
- Courses provide insight into the SDGs from certain perspective.

Quality education (goal 4), good health and well-being (goal 3), Industry, innovation and infrastructure (goal 9), decent work (goal 8), and sustainable cities (goal 11) are the top SDGs supported by FUE's teaching.



Ensure Healthy Lives and Promote Well-Being for All at All Ages

TEACHING



- 213 Course in several disciplines

RESEARCH



- 238 publications

Along the same line, Community Service and Environmental Affairs Sector in the Faculty of Pharmacy prepared and updated a *Comprehensive Guide for the online awareness of COVID-19* based on WHO recommendations about the protection and reduction of the corona virus infection risks. The guide has been disseminated to the students and staff and is freely available for public use.

Future Pharmaceutical Factory

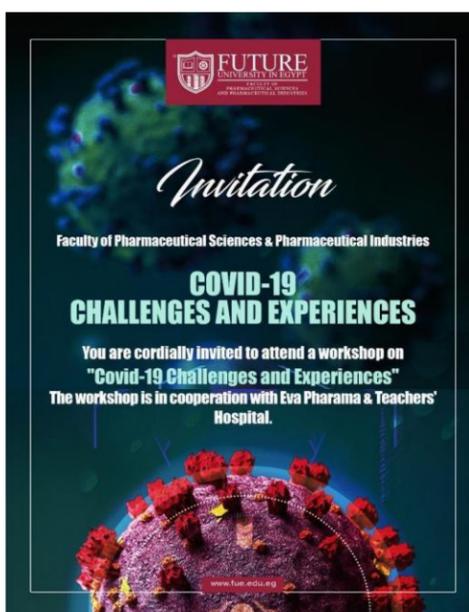
Starting from receiving the raw materials, formulation, production till receiving the product and quality control of the manufactured product. The students attend undergrad courses of industrial 1 and 2 during the academic semester. An intensive training program includes a detailed knowledge of different pharmaceutical, incompatibilities, and basic requirements of formulation of different dosage forms. This course helps different community pharmacists and pharmacy owners to produce and sell their own products. The factory played a paramount role during the COVID-19 period through manufacturing and distributing disinfectants and hand sanitizing gels, in recyclable containers, for the students, staff and for the public in different campaigns.



COVID-19

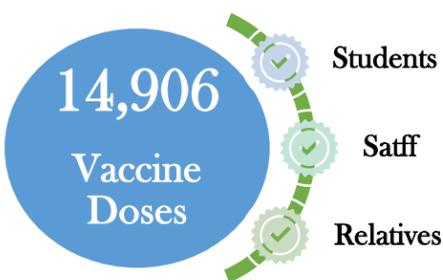
The Future University has made several efforts in many directions, since the beginning and during the Corona period, through awareness campaigns, participation in the manufacture of disinfectants, and vaccination campaigns through partnership with the Ministry of Health and Population.

Online awareness campaign *"COVID-19 Pandemic - Challenges and Opportunities for the Labor Market"* which was organized by the Community Service Committee at Faculty of Commerce and Business Administration through Webinar Series with some topics including: The Repercussions of COVID-19 Pandemic on unemployment, Proposed Remedies, Challenges and Opportunities of COVID-19, and The Impact of COVID-19 on HRM Practices and Marketing Strategies.



A workshop organized by the faculty of Pharmacy in cooperation with EVA pharma and Almoalmeen Hospital.

Several other workshops were organized by the faculties and the university administration convened with topics related to COVID-19 such as, Stress Caused by COVID-19, Continuous Updates about Treatment Protocols, Control and Safety Measures.



The students enjoy learning and formulating their own OTC products that they take home or use as giveaways to other FUE students.

2200

Hand Gel Sanitizers and Facial Masks distributed

FUE Dental Hospital

offers crucial role in serving the community through training, treatment, and awareness of dental health.



Patients from different poor areas all over Egypt are freely brought to the hospital by the University buses and are treated freely from various dental disorders.

2000



Patients/Month FREELY treated

Medical Convoys are regularly organized by the Faculty of Pharmacy and the Faculty of Oral and Dental Medicine in several poor areas all over Egypt for awareness about drug use, treatment of some medical conditions and dental disorders or general health check-ups.

16

Medical Convoys arranged during the past academic year



3 GOOD HEALTH AND WELL-BEING





Ensure Inclusive and Equitable Quality Education and Promote Lifelong Learning Opportunities for All



TEACHING

- 76 Course in several disciplines



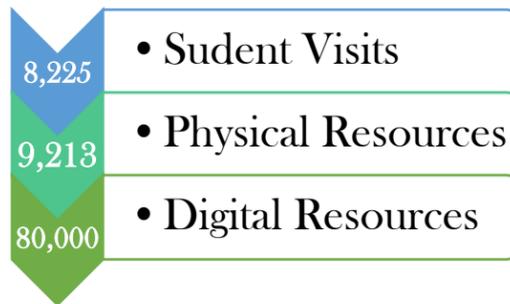
RESEARCH

- 51 publications

FUE adopted several strategies and policies to ensure the quality and inclusive in education for all. Most of the university's faculties have obtained **accreditation** from the National Authority for Quality Assurance and Accreditation in Education (NAQAAE). Most of the programs are developed to introduce curricula in line with the development goals. FUE participates in many agreements with national and international universities as well as industrial entities to provide student exchange, mobilities, and field training. Scholarships are offered by partner universities, for different programs, to FUE students and staff. In addition, FUE established the **English language department** which includes internationally recognized certificates as Cambridge CELTA. The ELD also administers international English proficiency tests, e.g. (CEPT, IELTS and OET). In addition, the university is hosting IGCSE mock exams for the ICT course. Moreover, FUE is distinguished for the online teaching/learning with its advanced facilities and tools.



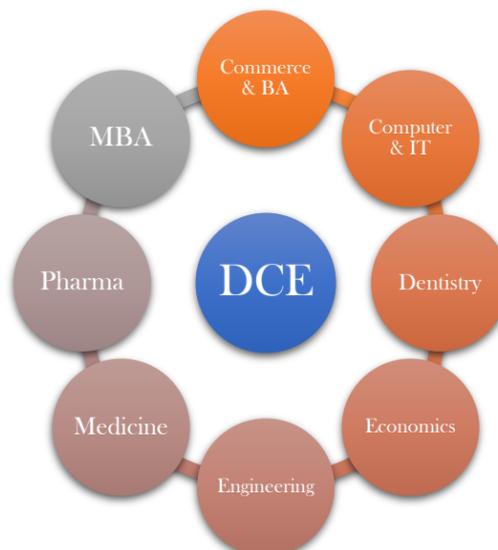
FUE Library is committed to providing many services to reflect, support and fulfill the institutional vision and mission. Its aim is to *collect, organize and facilitate* the use of information resources that will support the educational and research programs of the University.



During the Corona pandemic, FUE library provided e-supplements for the textbooks through the university's digital repository. The library provides training courses on using the Egyptian Knowledge Bank (EKB), various academic, research, educational software programs.



Department of **Continuing Education (DCE)** is dedicated to bridging the gap between the capabilities of graduates, students and the job market requirements. It does so by providing skill development courses and training opportunities.



FUE admits **Policies** to ensure the access to learning activities to **everyone**, such as computers, library, online courses, access to lectures, etc, for those who wish to participate, *regardless of ethnicity, religion, disability or gender* in order to improve knowledge and competencies for all individuals.

31 Educational Awareness Campaigns

FUE welcomes school students, parents, and teachers onto campus for activities designed to provide awareness in different careers available and promote the potential benefits of the higher education in Egypt. Many **outreach** activities (e.g. tailored lectures or demonstrations) in local schools, clubs, associations, in the community to help teachers raise aspirations of young children and prepare older pupils for applying to universities in the near future. All these activities are delivered based on voluntary staff and student-run schemes.

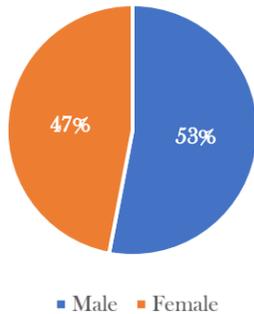


Prior to COVID-19 pandemic, the university has moved into the age of hybrid learning (**blended learning**) through the application of **digital transformation mechanisms** in the development of the educational and research process. FUE applies different systems in interactive learning, depending on its strong technological infrastructure, which uses advanced and specialized software and platforms such as Moodle, online meeting tools, messaging software relying on the qualified educational calibers.



Achieve Gender Equality and Empower All Women and Girls

Student Ratio



RESEARCH



- 36 publications

FUE supports the principle of equity in all areas of university life, which is reflected to an increase in the females. *Women can participate in women empowerment activities and can occupy positions in FUE* such as deanship, vice-presidency, and directorship. The University provides non-discriminatory educational opportunities regardless of social status, gender, religion or disability. FUE rejects all discriminatory acts against female students and staff in admissions. The University has taken, and will continue to take, affirmative action to recruit and advance qualified women, racial and ethnic minorities and individuals with disabilities. All disabled students are provided with the educational opportunity and accessible services with no discrimination to their type of disability.

“Allowing women to apply, study and participate in all activities in FUE”

FUE is committed to eradicate any form of discrimination or inequality within the University. *all the University services are available and accessible to all staff and students, irrespective of gender.* Any act of discrimination that affects students and/or staff by students and/or staff is reported and not tolerated.

“Eliminate gender discrimination, promote gender equality, preserve human dignity, and establish educational resources to obtain gender equality”

FUE aims to protect students, job applicants and employees from discrimination based on a protected status/characteristic in recruiting, hiring, appointment, transfer, promotion, tenure, classification, referral, discharge, layoff, compensation, benefits, job training, tuition assistance, participation in university-sponsored educational, social, and recreational programs, and other aspects of employment. Consistent with applicable law and the University’s Non-Discrimination and Anti-Harassment Policy and Complaint Procedures for Employees, this Policy prohibits such discrimination against job applicants and employees based on the following protected statuses/characteristics—age, color, creed, disability, domestic violence victim status, ethnicity, familial status, *gender and/or gender identity* or expression, national origin, parental status, partnership status, predisposing genetic characteristics, pregnancy, race, religion, and any other legally protected basis.

IEEE-WiE Affinity Group in FUE aims to promoting women students, engineers and scientists, and inspiring girls to follow their academic interests in a career in engineering and science. Also, WIE members make lifelong friendships, acquire influential mentors, and make a difference for the benefit of humanity. WiE in FUE has the largest number of members in Egypt.



A great way for women of the university to share in those topics relating to women’s interests, whether in current events, women’s issues or fashion and style. In Girls Only Club, learn from friends their latest make up techniques or hairstyles or have a serious debate on women’s current events and issues. In an atmosphere of friendship, women can share ideas and ambitions and provide comfort and support for those with problems.





Ensure Access to Affordable, Reliable, Sustainable and Modern Energy for All



TEACHING

- 122 Course in several disciplines



RESEARCH

- 322 publications

Many research groups in FUE are working on energy-efficient systems; which includes the design of solar panels, development and improvement of the photovoltaic systems. FUE is involved in a number of research collaborations that are leading the way to alternative energy sources such as wind energy and photovoltaic systems. One such example comes from Photovoltaics Group, who are developing single and tandem solar cells with higher efficiencies. The main target is to contribute in The University's commitment towards reducing carbon emissions impact by taking actions as set out in the zero-carbon plan.

The effective implementation of **energy efficiency** in FUE buildings, involves the deployment of the established energy efficiency policy and plans. The formulation of an energy efficiency policy has been developed in partnership with relevant stakeholders. The policy was developed by the University technical unit which implement, facilitate, and enforce the efficient use of energy in the University buildings as well as establishing penalties for failure to comply to the energy efficiency building standards.

Followed Procedures

- Assess the Energy Requirements
- Support related research and projects
- Update related Educational Curricula
- Promote use of energy-efficient processes
- Create awareness and disseminate information



Cycle, Walk, Use Public Transportation, Or Carpool



Turn Off Lights When Leaving



Unplug Electronics When Not in Use



Go Paperless, Whenever Possible



Close The Doors When AC Is On



Reduce overcooling/overheating





Reduce Inequality within and Among Countries

56 disabled Students

52 disabled Empolyees

553 from Developing Countires

Disability

FUE Disability Services

(DS) addresses the conditions of students with special needs. The purpose of DS is to enable students to effectively receive equal learning opportunities that enable them to academically perform successfully. Accordingly, DS is committed to resolving the difficulties that students with special needs may face. Disabilities may include mobility, hearing, visual or phycological impairments.

Irrespective of what the disability is, there are a few common services that DS extends to our students with special needs. Examples of these are to provide:

Disability Buddies

Designated exam areas for students who need disability buddies to sit for exams

Extra exam time for students who need disability buddies to answer exams

Extra Exam Time

Extra exam time for students with special needs and do not have disability buddies to answer exams

Extra Assignment Time

Students with special needs are given extra assignment duration time for completion of the assignment. Sometimes it may be necessary to break the assignment into smaller tasks.

Clear and Slow Instructions

Instructors and proctors pay special attention to students with special needs when it comes to giving instructions or asking questions which must be done in a way that accommodates the student's disability.

Software Assisted Education

Alternative exam methods that include the use of computer software for visual or auditory disabilities are available as per examinee's disability. Examples of these are text to speech learning tool; reading software; zoom text, screen magnifier; and speaking software, which is a speech to text recognition software.

Library Assistance

Library assistance when it comes to the different kind of ways the library is used, this may include searching for books, notetaking, reading, photocopying a section or chapter from a book and borrowing books.

Teaching Faculty

Though outside DS, yet FUE teaching staff willingly extend their office hours when a student with special needs wishes to meet with a faculty member and is unable to fit into the office hours schedule. Moreover, in the case of practical faculties, special needs' students carrying on lab work are given extra attention and time to complete their assignments.

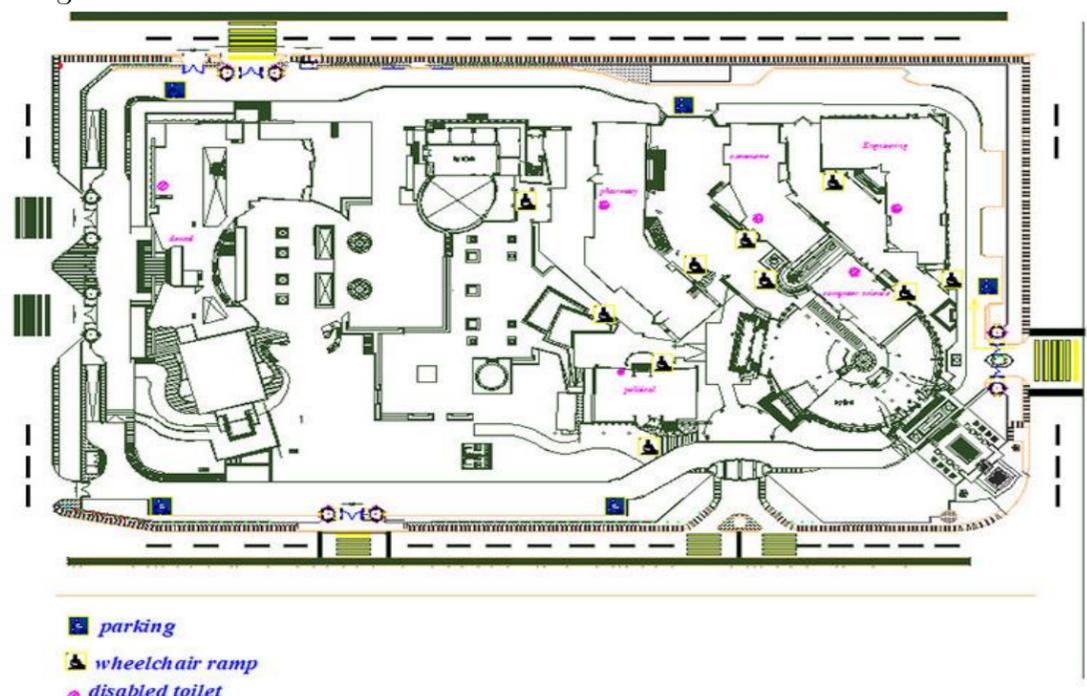
Support services for mental health conditions

The purpose is to address psychological needs and concerns by providing unique on-campus services that advance your academic accomplishment and improve the quality of your personal growth. These services include individual and group therapy, personal consultations, workshops, training sessions and psychological assessments.

Low Income Support

FUE Low Income Support students are identified and classified according to the following criteria:

- The total annual family income divided by the number of family members compared to the total amount of the family basic needs.
- The amount of funds is determined according to the gap between the basic needs and total income.
- The low-income students must be a graduate from a governmental school (no fees school) or from a private school but funded by a scholarship or with proven change in family financial condition.
- Every case is comprehensively evaluated before final decision. (Variable amount based on the tuition fees values)





Take Urgent Action to Combat Climate Change and its Impacts

TEACHING



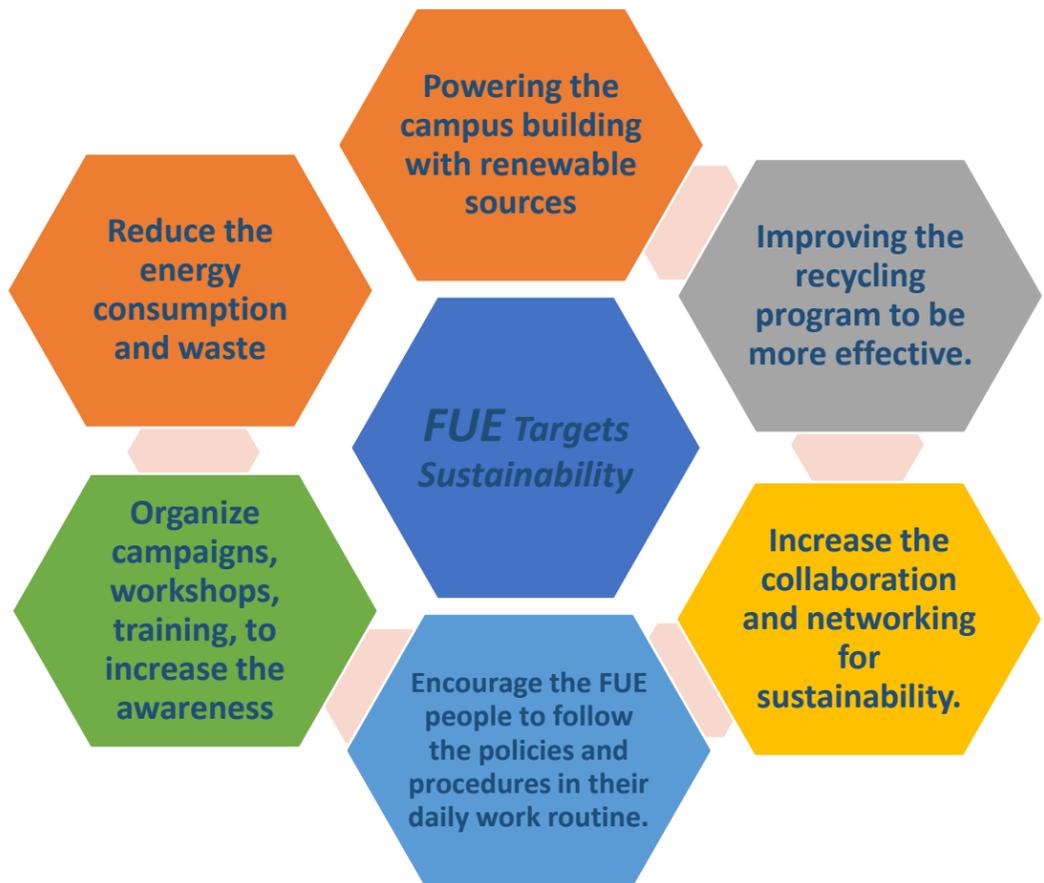
- 122 Course in several disciplines

RESEARCH



- 66 publications

FUE adopted several axes and wide range of programs, plans, and projects towards Net Zero Carbon.



Toward Net Zero Carbon

Increasing the faculty members and professional staff in climate change adaption to improve the teaching, learning, and training both in virtual and face-to-face.

Encourage student mobilities to achieve climate resilience internationalization and resilience practice.

Encourage student organizations to support the sustainability.

Adopt climate action principles and framework towards Zero-Carbon FUE.

Help to bring voices to the UNFCCC COP 27, which will be held in Egypt 2022.





FUE

*Better
World for
All....*