



**SOHAG
UNIVERSITY**



**SUSTAINABLE
DEVELOPMENT
CENTER**

FACTS & NUMBER

Statistical Profile and
Key Performance Indicators

2026



EDUCATION

Academic programs,
students, faculty,
and learning
environment



RESEARCH

Research output,
innovation, and
scientific impact



COMMUNITY ENGAGEMENT

Outreach initiatives
and community
impact



SUSTAINABILITY

Environmental
performance and
green initiatives



INSTITUTIONAL PERFORMANCE

Resources, facilities,
and organizational
overview



Reliable Data • Evidence-Based Decisions • Sustainable Future



Prepared by

Dr. Asmaa Mahmoud Qadry

Director of the Sustainable
Development Center
Sohag University



TRANSPARENT
DATA



ACCOUNTABLE
INFORMATION



INFORMED
DECISIONS



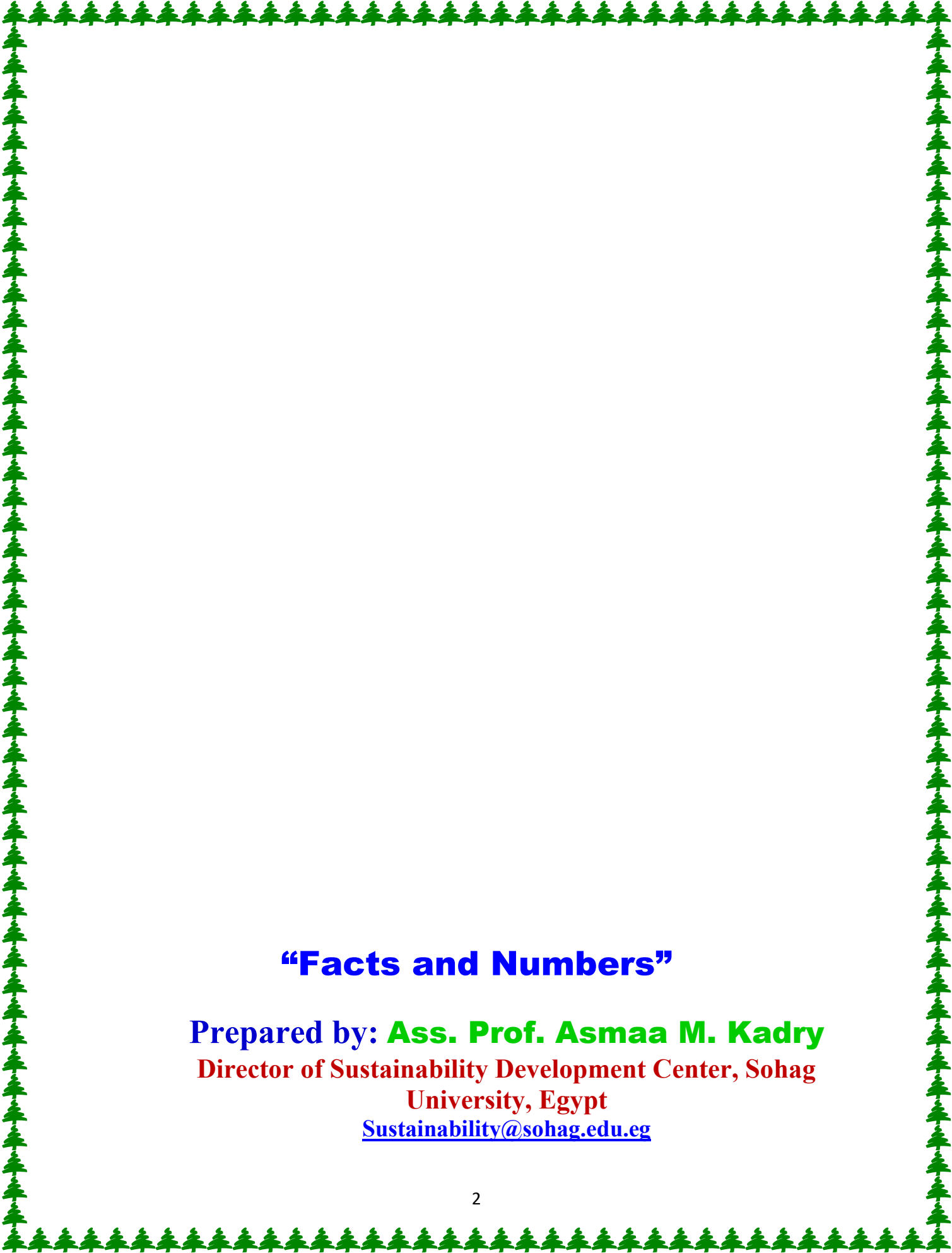
SUSTAINABLE
TOMORROW



SUPPORTING THE
SUSTAINABLE DEVELOPMENT
GOALS (SDGs)

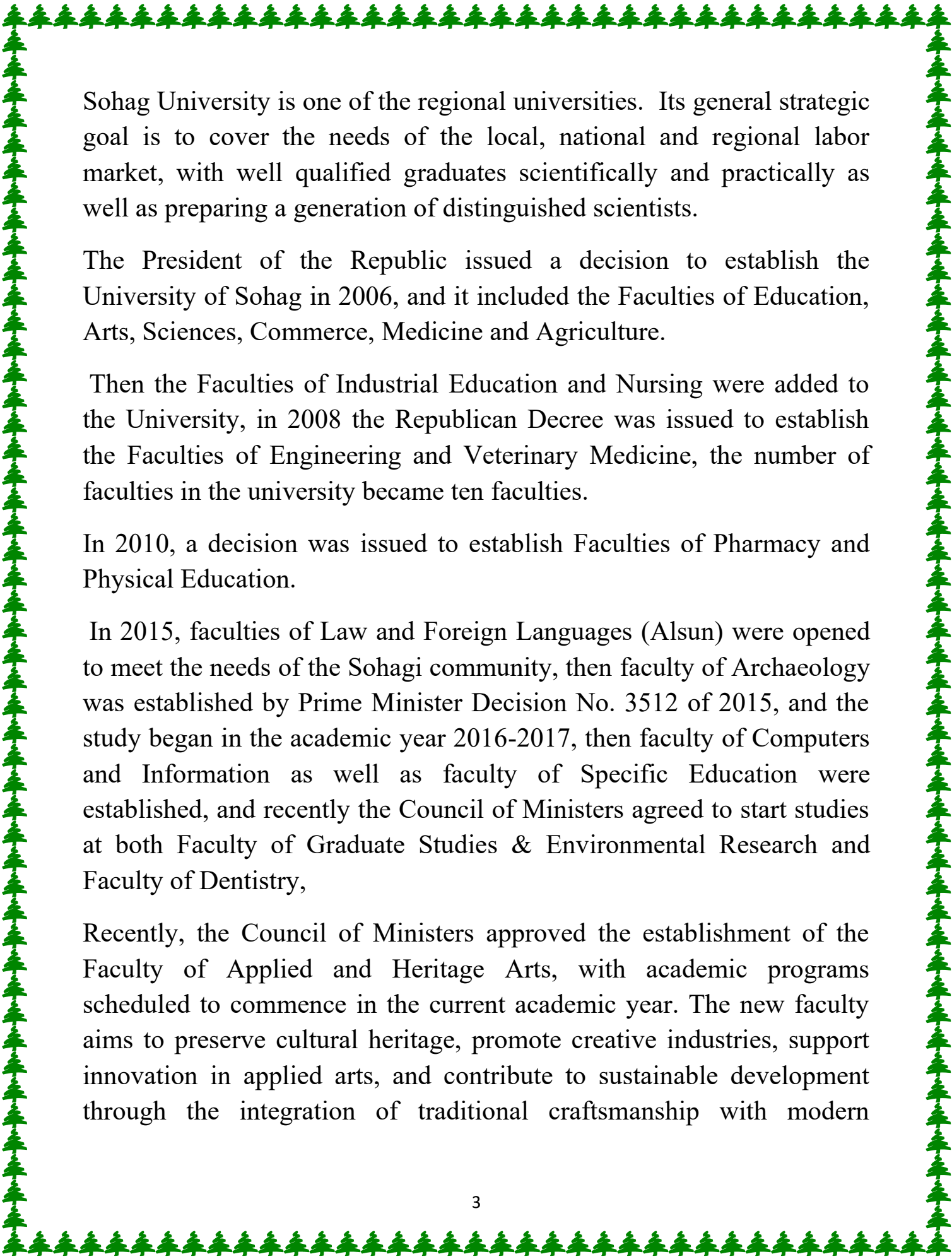


Data for Today • Insights for Tomorrow • Impact for a Sustainable Future



“Facts and Numbers”

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Sohag University is one of the regional universities. Its general strategic goal is to cover the needs of the local, national and regional labor market, with well qualified graduates scientifically and practically as well as preparing a generation of distinguished scientists.

The President of the Republic issued a decision to establish the University of Sohag in 2006, and it included the Faculties of Education, Arts, Sciences, Commerce, Medicine and Agriculture.

Then the Faculties of Industrial Education and Nursing were added to the University, in 2008 the Republican Decree was issued to establish the Faculties of Engineering and Veterinary Medicine, the number of faculties in the university became ten faculties.

In 2010, a decision was issued to establish Faculties of Pharmacy and Physical Education.

In 2015, faculties of Law and Foreign Languages (Alsun) were opened to meet the needs of the Sohagi community, then faculty of Archaeology was established by Prime Minister Decision No. 3512 of 2015, and the study began in the academic year 2016-2017, then faculty of Computers and Information as well as faculty of Specific Education were established, and recently the Council of Ministers agreed to start studies at both Faculty of Graduate Studies & Environmental Research and Faculty of Dentistry,

Recently, the Council of Ministers approved the establishment of the Faculty of Applied and Heritage Arts, with academic programs scheduled to commence in the current academic year. The new faculty aims to preserve cultural heritage, promote creative industries, support innovation in applied arts, and contribute to sustainable development through the integration of traditional craftsmanship with modern

technologies, thus the number of university faculties become [22](#), in addition to the Technical Nursing Institute.

The total area of the Sohag university is [4023806.57](#) m², of which [\(196500 m² buildings area and 95.12% open spaces\)](#).

However, Sohag University began with the old campus, which is located in Nasser city on the eastern bank of the Nile River, with a total area of [105399.51](#) m², then the new campus was established with a total area of [3504707.06](#) m² in the western desert borderline of Sohag governorate with the aim of creating a new urban community around the university as the universities are considered.

Indeed, the new city of Sohag is considered one of the most modern and beautiful cities in Sohag Governorate.

This is a credit to Sohag University, as universities are the locomotive of development in societies.

A new third site has been added to the university, which is a farm with an area [413700](#) m² for agriculture farm in the city of Al-Kawthar, east of the city of Sohag, which is used for scientific research and training of academic students.

	
The Old Campus area (105399.51 m ²)	The New Campus area (3504707.06 m ²)
	
Al-Kawther Farm Area (413700 m ²) Sohag University, Egypt	

It is worth noting that the new campus includes a 1045798.23 m² farm containing various crops, which depend on modern methods of agriculture, and modern irrigation methods are used to rationalize water consumption.

Moreover, this farm is used for scientific research and training of academic students from faculties of Agriculture, Science, Medicine and Pharmacy.

University Population:

The number of university employees was **110,771** (according to 2025 statistics), and their statement is as follows:

- * Faculty and assisting staff **3277**
- * Employees **7494**
- * Undergraduate Students: **70,000**
- * Master's and PhD students : **15733**
- and Graduates: **14,267**

University budget:

The total budget of the university in the year 2026 was about **\$47012780**, of which about **26.14%** was allocated to annual sustainability efforts and about \$ **2,537,979** for scientific research in general, of which about **43.81 %** was for scientific research in the field of sustainability.

Scientific research in the field of sustainability:

The research published by Sohag University in the academic year 2025-2026 on the Google Scholar website were about **2500** researches in the field of sustainability.

https://scholar.google.com/scholar?q=%22sohag+university%22++%26+sustainability&hl=en&as_sdt=0%2C5&as_ylo=2024&as_yhi=2026

While it has a great number of research papers published on the Scopus website covering the different fields.

<https://08105ysxc-1104-y-https-www-scopus-com.mplbci.ekb.org/pages/organization/60014101>

The number of locally published researches and theses related to sustainability are shown below:

<http://highstudies.sohag-univ.edu.eg/>
Courses related to sustainability:

Sohag University provides sustainability courses and text books to various faculties and institutes, as the university total academic courses

is **4396**, out of which **2892** related to sustainability, which means that **65.8%** of the total number of these courses is about sustainability

The ratio of sustainability courses to total courses/subjects (ED.1)

<u>S</u>	<u>Faculties</u>	<u>2026</u>
<u>1</u>	<u>Faculty of Education</u>	<u>56.5%</u>
<u>2</u>	<u>Faulty of Science</u>	<u>78.3%</u>
<u>3</u>	<u>Faculty of Arts</u>	<u>63.3%</u>
<u>4</u>	<u>Faculty of Medicine</u>	<u>65.8%</u>
<u>5</u>	<u>Faculty of Engineering</u>	<u>69.9%</u>
<u>6</u>	<u>Faculty of Agriculture</u>	<u>73.8%</u>
<u>7</u>	<u>Faculty of Graduate Studies and Environmental Research</u>	<u>70.4%</u>
<u>8</u>	<u>Faculty of Pharmacy</u>	<u>85.5%</u>
<u>9</u>	<u>Faculty of Archaeology</u>	<u>63.4%</u>
<u>10</u>	<u>Faculty of Alsun</u>	<u>56.5%</u>
<u>11</u>	<u>Faculty of Computer Science and Artificial Intelligence</u>	<u>59.2%</u>
<u>12</u>	<u>Faculty of Law</u>	<u>81.9%</u>
<u>13</u>	<u>Technical Institute of Nursing</u>	<u>71.3%</u>
<u>14</u>	<u>Faculty of Physical Education</u>	<u>75.2%</u>
<u>15</u>	<u>Faculty of Commerce</u>	<u>56.2%</u>
<u>16</u>	<u>Faculty of Dentistry</u>	<u>67.2%</u>
<u>17</u>	<u>Faculty of Veterinary Medicine</u>	<u>69.8%</u>
<u>18</u>	<u>Faculty of Technology and Industrial Education</u>	<u>61.9%</u>
<u>19</u>	<u>Faculty of Nursing</u>	<u>86.3%</u>
<u>20</u>	<u>Faculty of Specific Education</u>	<u>64.7%</u>
<u>21</u>	<u>Faculty of Applied and Heritage Arts</u>	<u>37.0%</u>
	<u>Total</u>	<u>65.8%</u>

Sohag University consists of (20) faculties and (1) institute, and Total number of sustainability-related study program offered is as follows:

S	Faculties	2026
1	Faculty of Education	21
2	Faulty of Science	14
3	Faculty of Arts	23
4	Faculty of Medicine	2
5	Faculty of Engineering	7
6	Faculty of Agriculture	10
7	Faculty of Graduate Studies and Environmental Research	9
8	Faculty of Pharmacy	2
9	Faculty of Archaeology	5
10	Faculty of Alsun	6
11	Faculty of Computer Science and Artificial Intelligence	6
12	Faculty of Law	3
13	Technical Institute of Nursing	3
14	Faculty of Physical Education	7
15	Faculty of Commerce	6
16	Faculty of Dentistry	2
17	Faculty of Veterinary Medicine	8
18	Faculty of Technology and Industrial Education	7
19	Faculty of Nursing	2
20	Faculty of Specific Education	5
21	Faculty of Applied and Heritage Arts	5
Total		153

Total number of sustainability-related study program offered in 2026 = 153 Program

Conferences and scientific seminars related to sustainability:

The number of these activities in the last three years reached **649**, and their details are shown in the following table:

S	Activates	Number of events related
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		to sustainability (ED.4)
1	Conferences	55
2	Workshops	93
3	Practical Training	135
4	Awareness Raising and festival	326
Total		609

Example of Activities related to sustainability

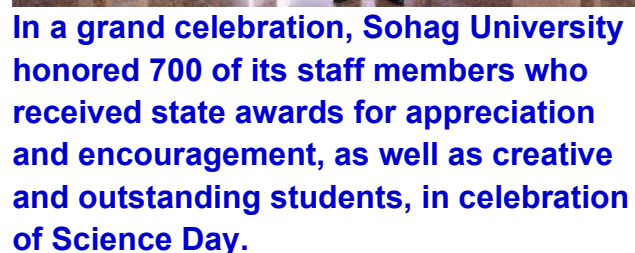
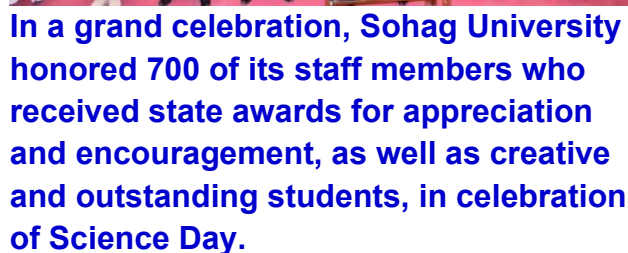


The Third International Environment Conference of Sohag University, April 14, 2025, entitled Green Transition and Environmental AI Applications



The Third International Environment Conference of Sohag University, April 14, 2025, entitled Green Transition and Environmental AI Applications

**The Second International Environment
Conference of Sohag University, April 21,
2024, entitled Environmental Investment
and Egypt's Vision 2030**





The 10th Scientific Conference of Democratic Youth (the Fifth International Conference) in Sohag and the adoption of the national directives for which His Excellency the President of the Republic was elected.



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9th International Young Researchers Conference - 4th February 29, 2024



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In June 2025, Sohag University celebrated World Environment Day by organizing a symposium titled "Ending Plastic Pollution," in cooperation with the Community Service and Environmental Development Sector and the Center for Sustainable Development.



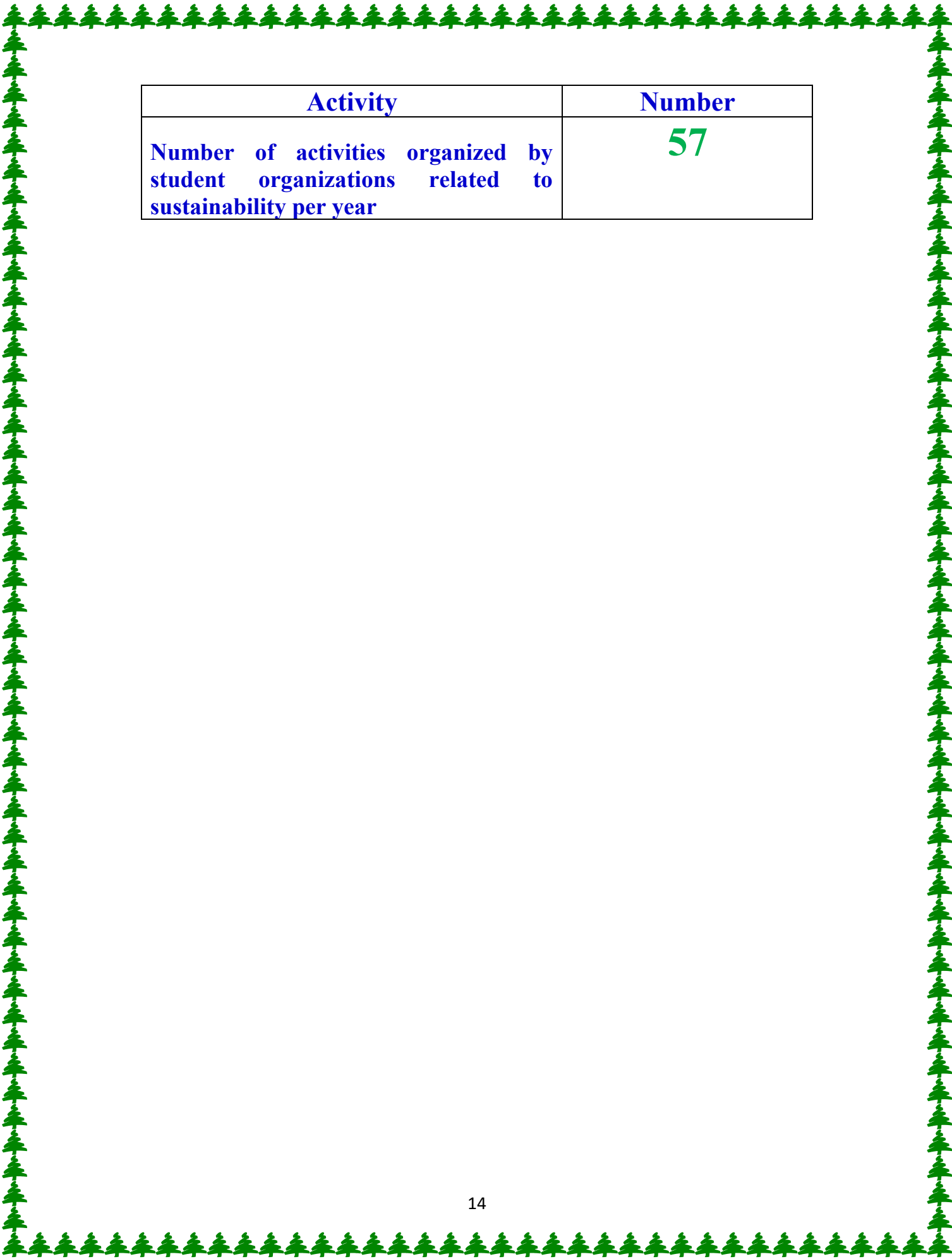
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Student Activities:

The number of student organizations related to sustainability activities has reached **65** per year.



Activity	Number
Number of activities organized by student organizations related to sustainability per year	57

Example of student organizations related to sustainability



Participation of thousands of students, Al-Naamani opens the Student Activities Festival for the new academic year and participates with its students in various games.



5 gold medals for Sohag University during its participation in the summer activities camp for Egyptian university students.



Sohag University wins third place among 24 Egyptian universities in the first Benha Robotics Championship, "a robot for detecting mines and minerals."



Sohag University Student Union participates in the Student Union Leaders Summit in Sharm El-Sheikh



Sohag University won first place in the field of cultural heritage and second place in the field of the Holy Quran at the cultural and recreational beach meeting for Egyptian university students.



The "I Am Also Responsible" training program, launched by the National Training Academy at Sohag University, aims to raise awareness during the training period, in addition to their positive interaction and participation, which was the main criterion for the initiative's success.



On a special sports day, Sohag University teams and Reserve Officers College students shined in strong competitions in basketball, volleyball, and football.



Training on sustainable development for Student of faculty of science at Sohag University at the Sustainable Development Center



The Students for Egypt family at Sohag University launched the "Students of Goodness" community initiative, distributing 2,000 Ramadan food boxes to families in need in the governorate.



The Faculty of Specific Education, Sohag University, won first place at the Idea and Color Exhibition at Sohag University.

Energy conservation:

The university has applied several mechanisms to work on rationalizing energy use, such as:

***Natural ventilation and shading from big trees:**

Many buildings at SOU meet the basic green building standard in Egypt where they have been designed and constructed for natural ventilation, particularly, the ground and second floors in those buildings are cooled down in summer by natural ventilation.

As a result, big trees around buildings provide shade for activities both on ground and second floors and outdoors.

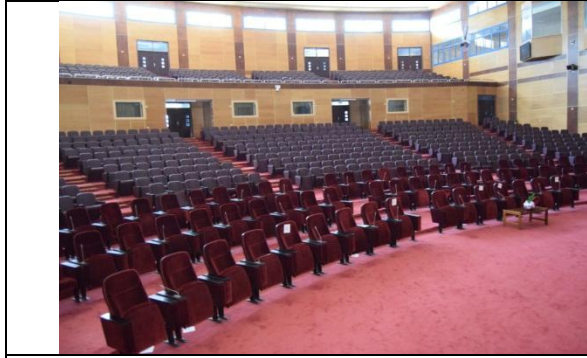


***Full natural daylight:**

Most buildings at SOU have been designed to be naturally day lighted where sun light reaches most area of the buildings.

Most of staffs' offices, labs and class rooms have been design to get much of natural sun light so that there is no need to turn on light bulbs during the day time.

Moreover, most buildings are designed in a rectangular shape facing east to west to reduce exposure to sunlight and its heat in summer, while the sun's rays come during the winter from the south, which warms up the buildings without needing for heating devices.



Main conference hall completely naturally lighted.



A class room completely naturally lighted.



A class room completely naturally lighted.



Daylight in the campus. The image shows a landscape of the newest established location in the new SOU campus.



Buildings are designed in a rectangular shape facing east to west (sunset)



Buildings are designed in a rectangular shape facing east to west (afternoon)



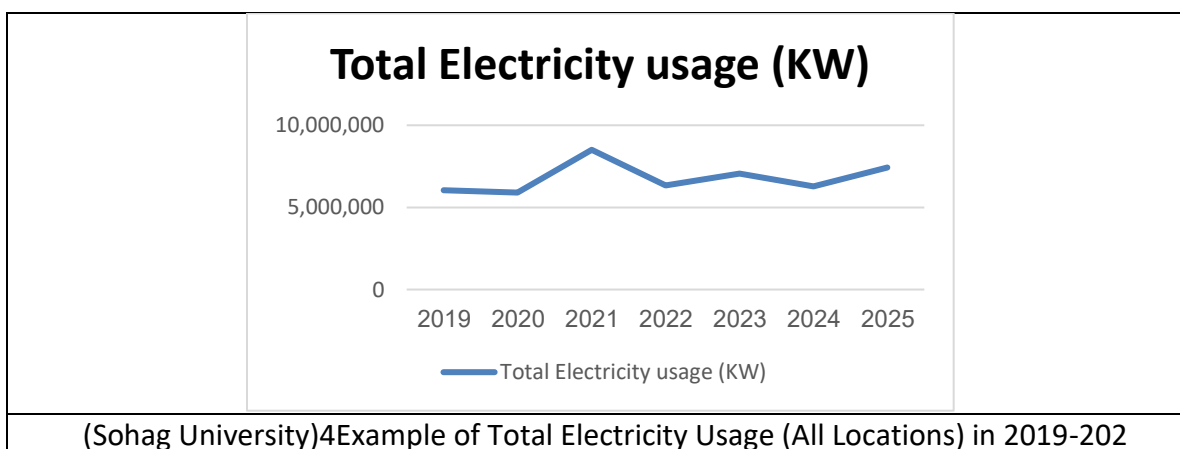
Students activities under the trees shade.

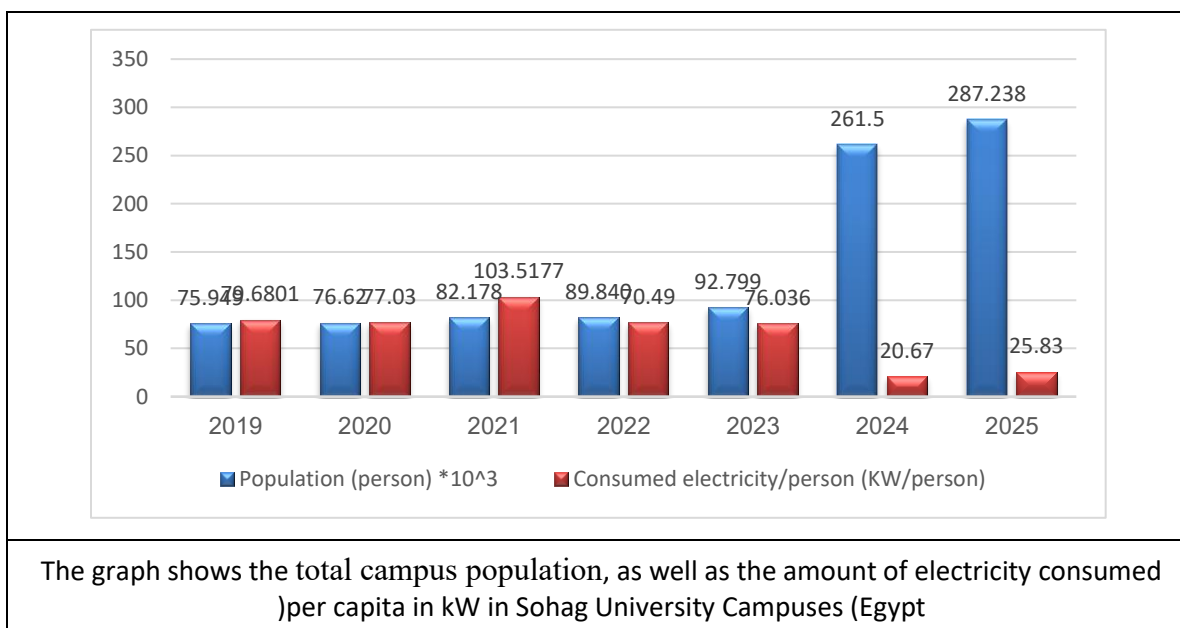
Electricity consumption:

The university is working in full capacity, including the construction of many new buildings, which led to an increase in electricity consumption.

The university plans to cover the car parks with solar cells to produce clean energy to compensate the increase in consumption from traditional electricity.

The value of electricity consumption for all activities at the university in 2026 was **7420014** kilowatt hours, so that the average annual per capita consumption recorded **25.83** kilowatt hours.





The university works on using renewable energy (solar cells) to shade rooftops and consume less electricity generated from conventional fuels, in collaboration with the National Initiative for Smart Green Projects (<https://www.sgg.eg/>)

Renewable Energy Sources in Campus

Sohag university has started to use ecofriendly sources to produce energy, such as:

- 1- Building biogas generating units from organic waste (Sohag University).
 - Sohag University has established two biogas units for generating methane.
 - Biogas is a safe, non-toxic, colorless gas and a clean source of energy.
 - The biogas is produced by the fermentation of any organic matter, but at our university mainly composed of animal manure from university farms
- 2-Using the solar energy to operate hydroponic models by the Sustainability Unit (Sohag University).
- 3-The establishment of an electric car model using solar energy plates.



1- Building biogas generating units from organic waste (Sohag University)



Using solar energy to operate hydroponic 2-models by the Sustainability Unit (Sohag University)



A model of an electric car within the graduation projects of Faculty of Technology and Education, Sohag University



Total carbon footprint :

Total carbon footprint (CO₂ emission in the last 12 months, in metric tons):



Option 2: Recommended by UI GreenMetric

25 Calculation of carbon footprint at sohag university per year (20

1. Electricity:

Electricity usage: **7,420,014.51** Kilo watt hour

$$6232.81(7,420,014.51 / 1000) \times 0.84 =$$

$$\text{metric tons } 6232.81 \text{ Carbon footprint} =$$

2. Transportation (Shuttle bus):

App. Travel dist.=1.2 km

128 total trips=

2 No. Shuttle bus =

$$7.3728 \times 1.2 \times 240 / 100 \} \times 0.01 = 128 \times 2 \{$$

$$\text{metric tons } 7.3728 \text{ Carbon footprint} =$$

3. Transportation (Cars):

625 No. Cars =

App. Travel dist.=1.2 km

$$72 = 2 \times 2 \times 1.2 \times 240 / 100 \} \times 0.0625 \{$$

$$\text{metric tons } 72 \text{ Carbon footprint} =$$

****4. Transportation (Motorcycle):** Its entry is forbidden

$$\text{Carbon footprint} = 0 \text{ metric tons}$$

$$\text{metric tons } 6312.1828 \text{ Total carbon footprint} =$$

The total carbon footprint divided by total campus population (metric tons per person).

$$\text{Formula: } \frac{6312.18}{287238} = 0.021975 \text{ metric tons per person}$$

$$\text{kg CO}_2/\text{person } 97.12$$

Additional evidence link: <https://sust.sohag-univ.edu.eg/en/facts-and-numbers/>

Total Carbon Footprint (UI GreenMetric)

The total carbon footprint divided by total campus population (metric tons per person).

$$\text{Formula: } ((2.11)/(1.12+1.14)) = \mathbf{0.0219}$$

Transportation:

*The university has 128 different cars, and an average of 625 private cars get in on a daily basis.

The university has allocated 4 parking lots in separate places to prevent random parking, while a parking zone for motorcycles has been allocated outside the campus.

*There are 5 frequency transport buses operate in the university, and every bus makes 16 trips (round trip) with a capacity of 50 passengers to serve the university employees.



*In addition, special pedestrian paths have been established in which ramps for people with special needs are taken into consideration.

This is in addition to establishing special paths for bicycles to encourage the spread of their use, and especially there is a plan at the university to provide numbers of bicycles that work by smart lock through an application on mobile phones.



*The university also, intends to purchase a number of (environmentally friendly) buses that run on electricity, to be used in the frequency transmission.

Water:

The university has created a platform called “Water Support, Monitoring and Management” to spread awareness of everything related to water conservation management and protecting it from pollution.

<https://sust.sohag-univ.edu.eg/%D9%85%D9%86%D8%B5%D8%A9-%D8%AF%D8%B9%D9%85-%D9%88%D9%85%D8%B1%D8%A7%D9%82%D8%A8%D8%A9-%D8%A5%D8%AF%D8%A7%D8%B1%D8%A9-%D8%A7%D9%84%D9%85%D9%8A%D8%A7%D9%87/>

* The Nile River is the main source of the university's water, after its purification in the purification stations of the governorate.

* Several effective water saving devices are on the way to be installed along with all the devices used on the campus, they will be replaced by effective devices where, the university afforded the cost of low-flush

appliances – hand washing faucet – which are installed now at the old campus.

Also motion sensors appliances will be installed at the New University campus.

Moreover, Sprinkler irrigation is also used for farms on campus.





Irrigation control device

Irrigation control software



Examples for irrigation using sprinklers



Examples for drip irrigation



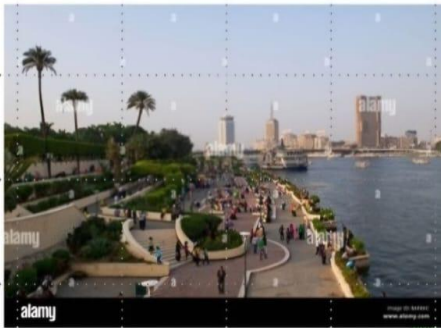
Sohag University Sustainability Center





The Nile is life line

Save the Nile
Save the life



The university took the lead in a campaign to raise the awareness about the dangers of polluting this crucial water source.

The campaign focused on many related topics including:

- Freshwater resources available in the Arab Republic of Egypt.
- Why is the Nile the most important of these resources?
- The impact of Nile water pollution on people's health on the short and long term.
- Sources of Nile River pollution and the areas most exposed to this pollution.
- Mechanisms for preserving the Nile River from pollution.
- Social responsibility towards the Nile River and protecting it as one of the most important national resources.
- Encouraging volunteering and participation in campaigns calling for cleaning the Nile River.

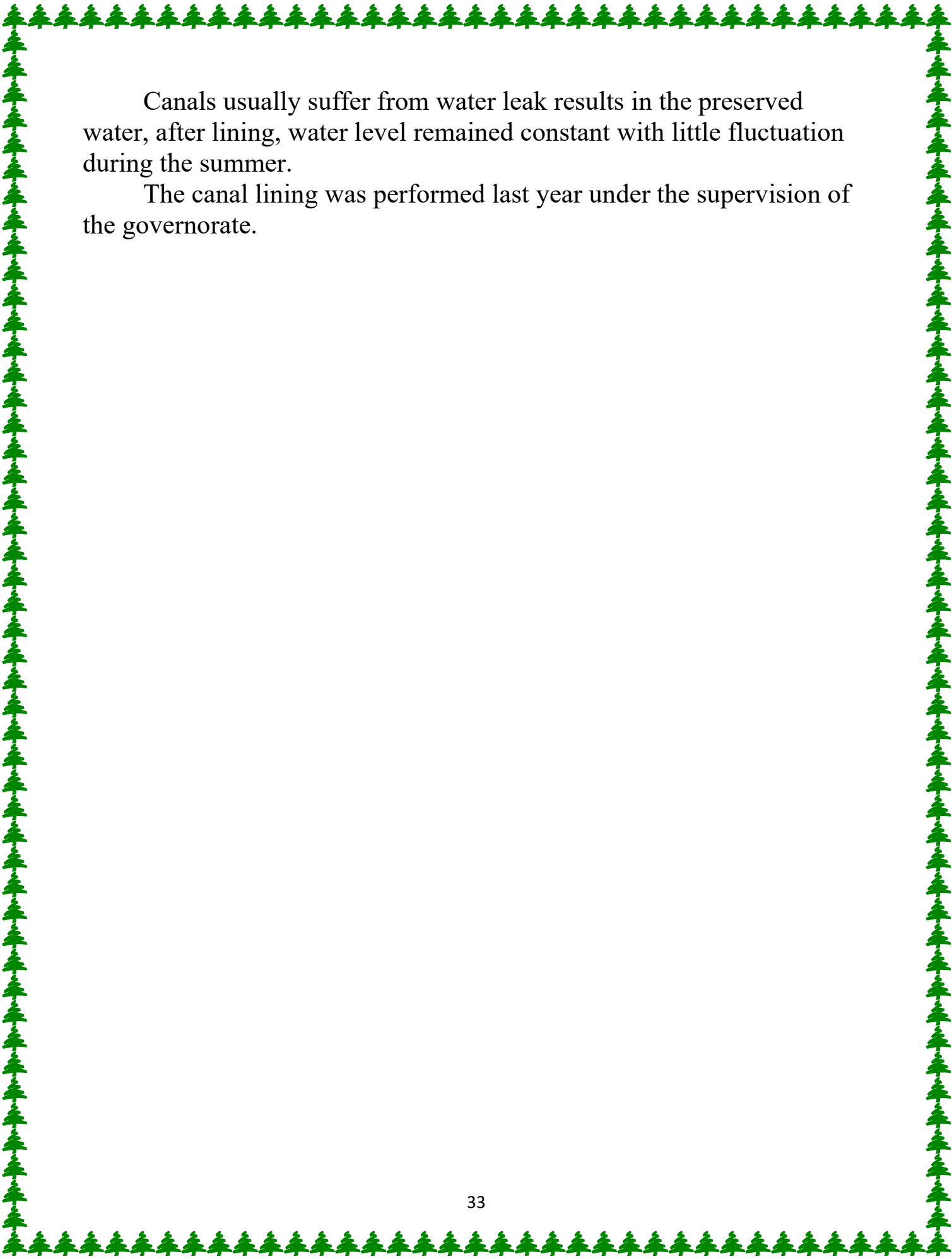
* The Sustainability Center at Sohag University has also begun to spread the culture of hydroponics in a closed cycle to encourage water rationalization.



* In the field of water recycling, the university is connected to the public sewage network in the governorate, where the governorate's water and wastewater company recycles **100%** of water and uses it to irrigate tree forests in desert areas.



Beside the Nile's, Sohag University has two wells and a canal used to irrigate its farms.



Canals usually suffer from water leak results in the preserved water, after lining, water level remained constant with little fluctuation during the summer.

The canal lining was performed last year under the supervision of the governorate.

Water canal before and after lining



Water Conservation fresh water

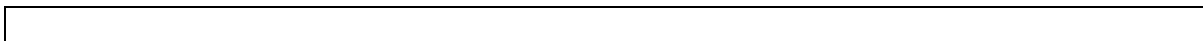


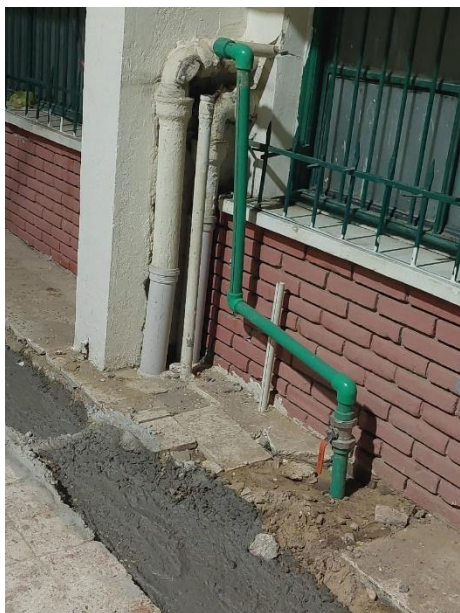
The well after being digged



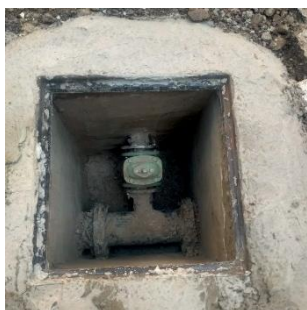
The well After being built

In terms of arisen wells, to conserve underground water in it; the water level was monitored for a year after digging to indicate the lowest level and when it takes place. According to the results, the university made a decision not to rely on the well during summer to give a chance to compensate for water loss.





replacement and renewal of the water network in the ancient campus



maintenance work for bathrooms

Waste management:

(Reduce, Reuse and Recycle) Program for University Waste



seminar entitled “Ending Plastic Pollution” in celebration of World Environment Day, in collaboration with the Community Service and Environmental Development Sector and the Center for Sustainable Development.



Recycled paper ready for use in printing, packaging, or the production of eco-friendly paper products.

Sohag University adopts a system for Recycling program in two stages. Firstly, collecting these wastes from different sites, and separating them into special storage rooms, as valuable wastes.

Then, it announces about the annual public auction.

A lot of merchants attend this auction and the university gains the big value from these wastes.

Additionally, this system allows all types recyclables (plastic, paper, glass, aluminum) to be placed in the same container, making it easier for the user.

Sohag University also promotes the recycling of Electronic and Electrical Waste. E-waste items should not be disposed to in the normal trash due to their high level of toxic chemicals and heavy metals.



Electronic components from computer devices were recycled, refurbished, and reused to extend their functional lifespan and reduce electronic waste.

The university encourages all its employees to separate the waste and provides the necessary containers for this purpose in preparation for recycling and benefiting from it.



The university also provides various means for collecting and disposing of hazardous waste such as the waste of university hospitals, as there is a special unit in Sohag University Hospital for the treatment of medical waste, and it deals with liquid and solid wastes that are collected from all laboratories, research units and clinical departments managed by the technical team of waste.

They are responsible for operating a complete automated medical waste treatment system at Sohag University Hospital.

In addition, the university participates in a partnership with Health Directorate in the campus of medical incinerators in Al Kawthar city.

*in the campus of Sohag University, there are some places that produce organic waste such as cafeterias and central restaurants, in addition to the fallen leaves from the green spaces Plus pruning horticulture.

Sohag University manages organic waste through an annual renewable contract with Hi-Kit Company. (<http://highkit.net/>)



This is a letter of Hi-Kit Company to the university president.

*Moreover, the university has initiated an agreement with Green Flat company for farm supplies and equipment to convert the university's organic waste into bio-organic fertilizer using earthworms via Vermicomposting. as shown in the sample pictures provided by the company. <https://greenflateg.com/>



Example of collection of horticulture trimming, Sohag University, Sohag, Egypt.



Example of converting organic waste into organic fertilizer (Green flat company), Sohag University, Egypt.