



**Report
of Sustainable Development Goals
Al Qasim Green University
2024-2025**

**By
Quality Assurance Department**

Chapter One: About Al-Qasim Green University

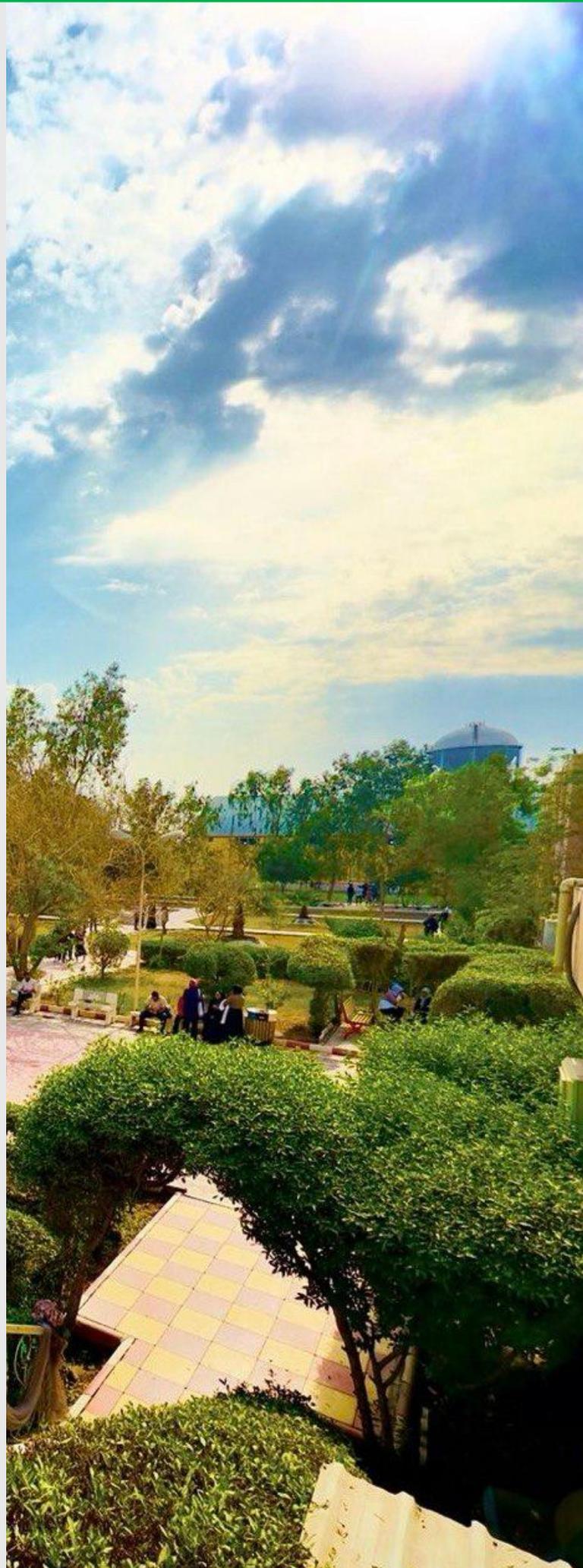
President Message

Al-Qasim Green University was established as a modern university specializing in agricultural and veterinary sciences and other scientific disciplines. Plans and programs have been developed for this university in line with the global development in the field of improving agricultural and animal production and providing the requirements of healthy animal food security, taking into account the preservation and attention to the environment, which is a fundamental issue and takes a large area of interest by all countries of the world, as well as the preservation of natural resources such as land, water, and other elements to achieve the principle of sustainable agriculture and sustainable production. Providing the best services to the community can only be achieved through a comprehensive development vision that all university cadres contribute to achieving and through an integrated strategy aimed at developing all axes, environments, and work systems, and then the way out is to increase opportunities for graduates who can continuously learn and compete locally, regionally, and globally, considering that higher education and scientific research is the locomotive of development in society. Believing the Presidency of the University that joint teamwork is the best and correct way to accomplish all Educational and scientific tasks In record time, the university sees the need for concerted efforts and cooperation with the state's legislative and executive institutions and departments in the governorate and abroad, foremost of which is the provincial council, to accomplish the tasks entrusted to it.



Prof. Dr. Hassan Katei Al-Awadi

President of Al-Qasim Green University



Chapter One: About Al-Qasim Green University

The University's Sustainable Vision

Since its establishment in 2014, Al Qasim Green University has sought to be a leading university in providing sustainable solutions in agriculture, climate, environment, good health, sustainable applied sciences, and veterinary medicine to enhance national and global efforts to achieve sustainable development goals. The university has developed a detailed plan to follow up on the achievement of the desired sustainability goals by intensifying efforts in the following axes:

1. Green Education and Sustainable Scientific Research:

- Develop educational curricula that focus on sustainability and promote environmental awareness among students.
- Encourage research aimed at finding solutions to sustainable environmental, social, and economic problems.
- Emphasizing that the research projects of undergraduate and graduate students are within the issues of sustainability and climate.

2. Green Campus:

- Seeking to increase green spaces at the university, through implementing drought-resistant plants, improving water use efficiency, and waste management.

3. Community Engagement:

- Enhancing community awareness of sustainability's importance through workshops, lectures, and awareness events.
- Collaborate with the local community and other institutions to spread the principles of sustainability and contribute to the achievement of sustainable development goals.

4. Policy and Administration:

- Develop administrative policies that support sustainability and ensure their application at all levels of the university.
- Measuring and evaluating the environmental and social performance of the university periodically to ensure continuous improvement.

5. Culture and Sustainability:

- Build an organizational culture that promotes sustainability values among all members of the university community, including students, faculty, and staff.
- Achieving the university's sustainable vision requires collective commitment and continuous efforts by all members of the university community, with the aim of creating an educational and research environment that contributes to a sustainable future for all.



Al-Qasim Green University Achievement in (THE) World University Rankings 2026



Al-Qasim Green University Achieves a Historic Milestone: Among the Top Ten Iraqi Universities in the Times Higher Education World University Rankings 2026

In a remarkable and unprecedented achievement, Al-Qasim Green University has proudly entered the Times Higher Education (THE) World University Rankings 2026 for the first time in its history, securing a position among the top ten universities in Iraq and ranking 10th nationwide, surpassing several long-established institutions.

The University President, Prof. Dr. Hassan Katei Al-Awadi, emphasized that this accomplishment marks a significant leap forward in the university's academic, research, and administrative development. He highlighted that inclusion in the THE World Rankings is a testament to the university's commitment to excellence, given the ranking's rigorous and globally recognized standards. These standards measure universities' performance based on teaching quality, research impact, citations, international outlook, and societal engagement.

Notably, only 25 Iraqi universities succeeded in entering the 2026 rankings out of 90 universities that submitted their data — making Al-Qasim Green University's debut an exceptional milestone and a reflection of its growing institutional performance and global presence.

The university's performance indicators in the ranking were as follows:

- Teaching Quality: 22.5
- Research Environment: 7.9
- Research Quality: 49.2
- Industry Engagement: 16.6
- International Outlook: 25.

Metric	Score
Teaching	22.5
Research Environment	7.9
Research Quality	49.2
Industry	16.6
International Outlook	25

We are delighted to announce that on 9 October 2025 Al-Qasim Green University will be ranked in the 2026 *Times Higher Education* World University Rankings (WUR).

[SEE YOUR RESULTS](#)

Rank	Name	Overall	Teaching	Research Environment	Research Quality	Industry	International Outlook
1501+	Al-Muthanna University Iraq	10.3-27.2	20.2	8.5	32.2	16.3	36.9
1501+	Al-Nahrain University Iraq	10.3-27.2	29.7	8.9	28.8	21.0	24.2
1501+	Al-Qasim Green University Iraq	10.3-27.2	22.5	7.9	49.2	16.6	25.0
1501+	Middle Technical University Iraq	10.3-27.2	12.3	8.3	26.1	18.8	25.3

Al-Qasim Green University Achievement in THE Impact Rankings 2025



Al-Qasim Green University Achieves Remarkable Rankings in the Times Higher Education Impact Rankings 2025

Al-Qasim Green University is proud to announce its outstanding performance in the Times Higher Education (THE) Impact Rankings 2025, having secured the 14th position nationally out of 88 participating Iraqi universities. This recognition reflects the university's ongoing commitment to excellence in education, sustainability, and societal impact.

In particular, the university has been ranked first in Iraq in two key Sustainable Development Goals (SDGs):

SDG 2 – Zero Hunger, where it also achieved a global placement within the 201–300 range, and SDG 12 – Responsible Consumption and Production, also ranking globally in the 201–300 band.

Additionally, the university achieved 5th place in Iraq in SDG 13 – Climate Action, underscoring its continued leadership in environmental responsibility.

The Times Higher Education Impact Rankings rely on carefully verified data and performance indicators related to quality education, environmental initiatives, responsible resource use, community engagement, and institutional partnerships.

Al-Qasim Green University's performance is a testament to the hard work, innovation, and collaboration taking place across the institution.



Institution name	Country name	Rank 2025	Rank 2024	Score
Al-Qasim Green University	Iraq	201–300	201–300	54.5–62.9
University of Anbar	Iraq	201–300	101–200	54.5–62.9
University of Baghdad	Iraq	201–300	401–600	54.5–62.9
University of Al-Qadisiyah	Iraq	301–400	201–300	48.6–54.4
University of Basrah	Iraq	301–400	101–200	48.6–54.4
Al-Ameed University	Iraq	401–600	601–800	37.2–48.5
Al-Furat Al-Awsat Technical University	Iraq	401–600	401–600	37.2–48.5
Imam Ja'afar Al-Sadiq University	Iraq	401–600	-	37.2–48.5
University of Babylon	Iraq	401–600	401–600	37.2–48.5
University of Diyala	Iraq	401–600	401–600	37.2–48.5
University of Halabja	Iraq	401–600	-	37.2–48.5
University of Mosul	Iraq	401–600	301–400	37.2–48.5
University of Raparin	Iraq	401–600	401–600	37.2–48.5
University of Sumer	Iraq	401–600	601–800	37.2–48.5
University of Thi-Qar	Iraq	401–600	301–400	37.2–48.5
Ahl Al Bayt University	Iraq	601–800	-	23.6–37.1
Al-Esraa University College	Iraq	601–800	-	23.6–37.1



Times Higher Education Impact Rankings 2025

Chapter Two: Sustainable Agriculture Projects at Al-Qasim Green University



Al-Qasim Green University adopts the provision of scientific studies and research specialized in sustainable agriculture by focusing on the requirements of the second goal of the sustainable development goal to eradicate hunger. These studies include the topics of smart agriculture, hydroponics, and the use of renewable energy technologies in agriculture to achieve effective sustainability in agriculture. Among the most prominent research projects implemented by graduate students are:

First research project: phenotypic and genetic characterization and some genetic markers of varieties of yellow corn

The study included two factors: five imported and local varieties of yellow corn. The second factor: spraying four concentrations of organic nitrogen fertilizer Cifamin BK

Research Project Objectives:

- Finding genetic structures with good grain yield and good quality traits
- Study of some genetic parameters of the studied traits
- Know the effect of spraying different concentrations of cefamine fertilizer on maize yield.

Second Research Project: The Role of Variable Irrigation and Biostimulants in Potato Plant Growth and Yield

Study of the role of variable irrigation and biostimulants in potato plant growth and yield

Research Project Objectives:

- Study the effect of variable irrigation on vegetative growth indicators and quantitative yield of potato plants.
- Study the effect of biostimulants on the qualitative and chemical indicators of the potato plant.

Third research project: The effect of agricultural sulfur addition and spraying in humic acids on the readiness of some nutrients in the soil and the growth and yield of potatoes. The study aimed to study the behavioral and evaluation of the readiness of some elements in the soil with the use of agricultural sulfur and spraying with humic acids in order to raise and improve the production of potato crop.





Fourth Research Project: Hybrid Growth and Yield Response of Pickling Cucumbers to Mycorrhiza and Trichoderma Fungi and Spraying with Potassium and Calcium Nano.

Objectives :

1. Knowing the positive and negative effects of nanofertilizers by increasing the growth and yield of two cucumber varieties.
2. Know the effect of adding mycorrhiza fungi on the growth and yield of two cucumber varieties.
3. Know the effect of potassium and calcium nanoscale spraying on the growth and yield of two cucumber varieties.



Fifth Executive Project: Rehabilitation of the main trocar of the Faculty of Agriculture to serve the educational process

Through the project, the main trocar and irrigation channels for the fields of scientific experiments were rehabilitated and maintained to reduce the burden in maintenance costs when implementing graduation project experiments for students of preliminary studies and field experiments research for graduate students at the master's and doctoral levels.

Sixth research project: Treatment of hatched chicks at different periods of hatching window by mesenteric injection and oral dosing and its effect on subsequent production performance and physiological characteristics of broilers. The study aimed at the simultaneous treatment of hatched chicks at different time periods by injecting them into the mesenteric membrane of the most important ions responsible for the electrolytic balance within the body of newly hatched chicks.



Seventh Research Project: Effect of planting date and different levels of phosphate fertilizer on the yield and growth of beans.





Eighth Research Project: The Effect of Spraying Nano, Conventional, and Cytokinein Fertilizers on Local Orange Seedlings Grafted on Rangepur Origin and Economic Feasibility.

Project Objectives :

Increasing the growth of grafted seedlings and overcoming the phenomenon of delayed growth of seedlings after the success of the vaccination process, noting that the origin of the rangpur is one of the thirst-resistant assets, as well as a comparative study in economic terms between the use of nano fertilizer and traditional manure and economic feasibility, as well as the use of cytokinin growth regulator, which works to increase the growth and branching of treated seedlings.



Ninth Research Project: Growth Response, Productivity, and Marketability of Shlik to Spraying with Potassium Silicate and Aqueous Extract of Hibiscus Pomegranate Peels.

Research project objectives: Study the effect of plant extracts (hibiscus pomegranate peels) on the growth, productivity, marketability, and storage of the shlik plant and study the effect of spraying with (potassium silicate) on the growth, productivity, marketability, and storage of the shlik plant, where the experiment was carried out in the province of Babylon, Al-Azzawia area.



Tenth Research Project: Effect of Soaking and Spraying Potassium Sulfate at Different Growth Stages on Wheat Seed Growth, Yield, and Quality.

Chapter Two: National Green Education Code Project

4 QUALITY EDUCATION



Al-Qasim Green University presented the Green Education Code project through the lecturer in the College of Environmental Sciences, Professor Dr. Alaa Khuder Hashem. The code includes the following pillars of the Green Education Partnership:

Green schools, universities or institutes: It depends on establishing universities and colleges specialized in education, environmental sciences, sustainable development, and its known development goals such as the green economy, society, and sustainable environment.

Green learning: It depends on unifying, updating, and developing curricula with international universities with environmental specializations, and internationalizing higher education as in the application of the Bologna Process system.

Capabilities of green teaching and research cadres: It depends on the Ministry's programs in developing the capacity and ability of teaching cadres in teaching and scientific research as in the scientific sabbatical and visiting professor projects, the project of investing the energies of scholarship students, and stimulating solid scientific publishing.

Green communities: It depends on community learning (training, seminars, workshops, and conferences outside the university walls) community service, and the labour market (most training processes for students, graduates and employees in any institution benefit from the digital environment and the ability to use learning tools to share information synchronously and asynchronously and in the international education system).

The Iraqi Ministry of Higher Education and Scientific Research has general legislation, directives, and instructions for Iraqi governmental and private universities in coordination with the Iraqi National Commission for UNESCO and the United Nations Educational, Scientific and Cultural Organization (UNESCO) regarding the implementation and achievement of UNESCO's goals, the seventeen sustainable development goals, the most important of which is the fourth goal, which is quality education and the foundations and principles of green education.

This has been done previously through several steps within the ministry's comprehensive plan:

1. Establishing specialized scientific institutions, such as specialized environmental scientific departments (departments of the environment, environmental pollution, environmental health, renewable energy, and green environmental technologies) in the colleges (Al-Qasim Green University, Mosul University, and Al-Karkh University of Science) with environmental education and increasing community awareness towards achieving sustainable development, climate change and environmental systems and their effects on human health and the environment.

2. Unifying, developing, and updating the curricula of the colleges of science and specialization in the field of environmental sciences with international universities and institutes, as they include curricula directly related to methods leading to achieving sustainable development or green environmental education, as well as climate education and education and its changes and direct impacts on the environment, food, and energy.
- 3- Stimulating solid scientific publishing and announcing scientific awards and research competitions on climate and its impact on security, stability, and sustainability.

Chapter Two: National Green Education Code Project

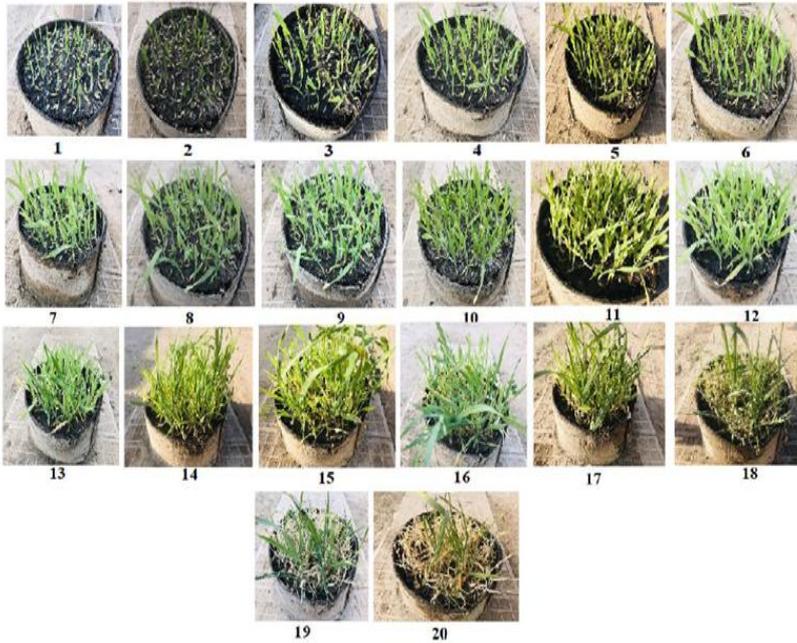
Objectives:

- Preparing and enhancing political commitment to green education by adopting a clear action plan by relevant institutions.
- Exchanging good practices and solutions related to climate change education among all relevant institutions.
- Highlighting the negative impact of climate change and the phenomena occurring in Iraqi society reported by the Ministry of Planning and Health on the one hand, and on the other hand the role of education and investment in the science industry for the purpose of treatment, reduction and adaptation.
- Highlighting ideas and proposals related to the green education partnership and supporting institutional, community or individual efforts.
- Implementing the Iraqi Ministry of Higher Education and Scientific Research of its government program and plan regarding the green education partnership.
- Adopting practices and targeted steps that contribute to strengthening the four pillars of the green education partnership (green universities and institutes, green learning, green teaching and research cadres' capabilities, and green communities).
- Proposals:
 - Increase climate change education starting from universities, green curricula and research capacity to provide long-term solutions to the climate crisis.
 - Organize a series of conferences and events that highlight the essential role of education in making every learner climate-ready, and the importance of addressing the negative impact of climate change.
 - Establish a Green Education Centre in collaboration with the Ministry of Higher Education and Scientific Research and the Ministry of Education to promote concrete actions and solutions through education.



Chapter Three: Green Patents

Patent: Green Cover for Treating Desertification



- Challenges that the patent was designed to address:
- high temperature ✓
 - Water scarcity ✓
 - food shortage ✓
 - Increased environmental pollutants ✓

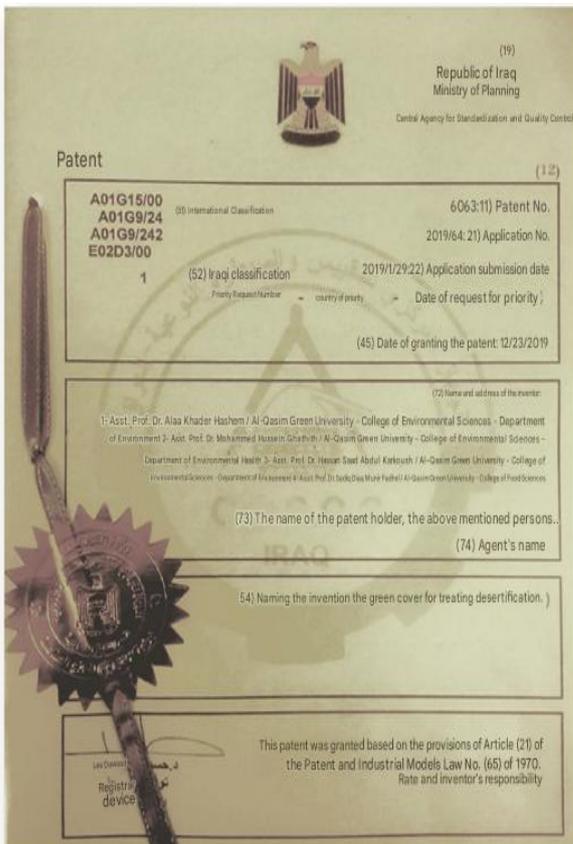
Economic solutions provided by the patent:

The possibility of using food waste or agricultural crops that are not suitable for human use in producing a material that works to secure the preservation of water and moisture for a period of time and also provide a homogeneous mixture of nutrients that the plant needs to form the vegetative part and that the entire process aims to recycle organic waste which in turn works to restore the organic balance of sandy soils. In addition, the patent relies on the use of traditional mechanical techniques that are not economically expensive in the process of preparing most of the basic materials used in the manufacture of the layers necessary to combat desertification. Finally, the patent encourages the support of low-income working classes, achieving a financial return and food security that contributes to

Preserving the needs of future generations.

Photographs showing the stages of growth of the vegetative mass of a herbaceous plant during a cultivation period of approximately two months depending on the cover layers.

Green artificial sand and sand taken from the desertification area (sand dunes) in the Nile district located north of Babylon Governorate - Republic of Iraq.



Patent No. 6063 of 2019 granted by the Central Agency for Standardization
Quality Control of the Ministry of Planning - Republic of Iraq



To contact us please
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Or

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Chapter Three: Green Patents

Treating pollution and speeding up the growth and weight gain of fish



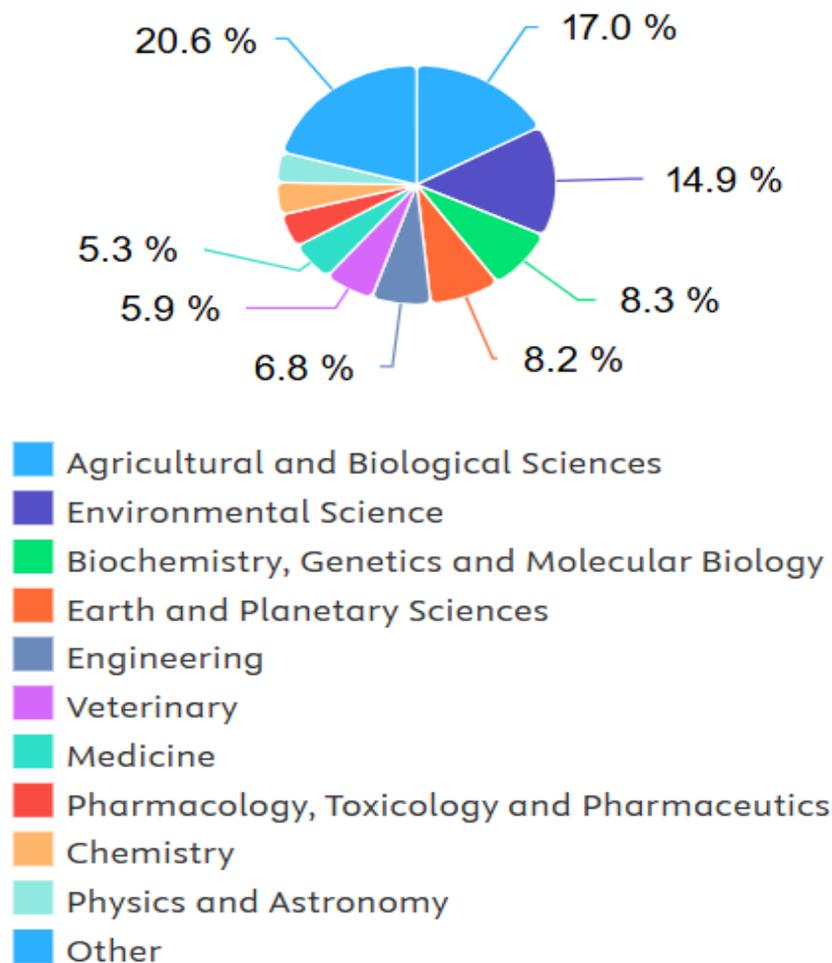
SDGs Publication for Al-Qasim Green University

By Scopus Database

SDG contributions

 Goal 1: No poverty	3 documents	 Goal 11: Sustainable cities and communities	74 documents
 Goal 2: Zero hunger	106 documents	 Goal 12: Responsible consumption and production	95 documents
 Goal 3: Good health and well-being	359 documents	 Goal 13: Climate action	89 documents
 Goal 4: Quality education	10 documents	 Goal 14: Life below water	16 documents
 Goal 6: Clean water and sanitation	249 documents	 Goal 15: Life on land	49 documents
 Goal 7: Affordable and clean energy	80 documents	 Goal 16: Peace, justice and strong institutions	3 documents
 Goal 8: Decent work and economic growth	57 documents	 Goal 17: Partnership for the goals	24 documents
 Goal 9: Industry, innovation and infrastructure	80 documents		

Subject trends



Health and Well-Being at Al-Qasim Green University

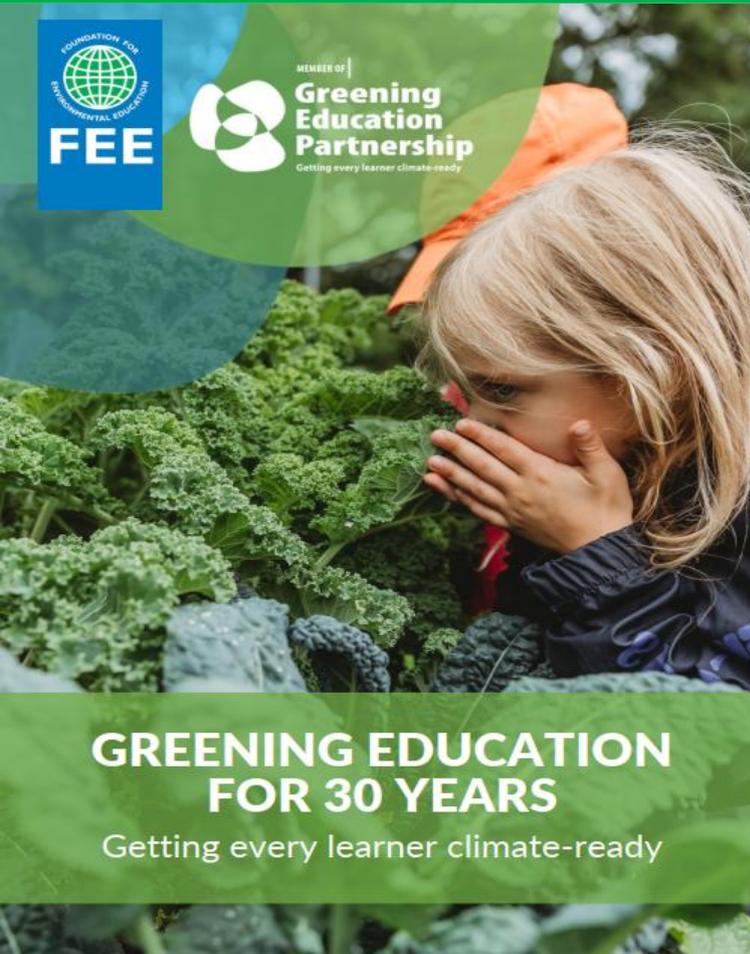


Al-Qasim Green University implements certain strategies and facilities that support the overall well-being of its community such as:

1. The campus health center and clinic provide a range of healthcare, mental, and well-being services. For the benefit of students and employees, this center offers routine health examinations, counselling, mental health assistance, and preventive care initiatives.
2. Healthcare and Fitness Programs: The university creates and advocates for wellness programs incorporating mindfulness, stress management, nutrition, and physical fitness exercises. Moreover, it collaborates with fitness professionals to provide courses and workshops that promote a healthy lifestyle for university students.
3. Campaigns for Health Education and Awareness: Al-Qasim Green University frequently carries out health education programs that educate employees and students about a range of health concerns, precautions, and accessible medical resources. It provides education on subjects including disease prevention, nutrition, and mental health through seminars, workshops, and online resources.
4. Easy Access to Mental Health Materials: By making online courses and counseling services easily accessible, Al-Qasim Green University improves mental health assistance. In addition, the university makes sure that qualified specialists are on hand to aid with mental health issues and encourage people to get help when necessary.
5. Collaborations with Health Organizations: To enhance health services and infrastructure, our university works with neighbourhood medical organizations in Al-Qasim and Hillah. In addition to offering services, this partnership raises awareness and encourages community involvement.



Partnerships to achieve the goals at Al-Qasim Green University



**GREENING EDUCATION
FOR 30 YEARS**

Getting every learner climate-ready

United Nations Academic Impact



United Nations Academic Impact
welcomes on this 3rd day of June, 2024

Al-Qasim Green University

*as a member of the United Nations Academic Impact and values its
commitment to the principles of the initiative*

Robert Skinner
Robert Skinner

Chief, United Nations Academic Impact
Department of Global Communications
United Nations



Al-Qasim Green University engages in useful partnerships that focus on advancing educational quality, research innovation, community development, sustainability initiatives, and international engagement.

1) Green Education Partnerships of the UNESCO

Al-Qasim Green University has actively engaged in partnerships with UNESCO to promote green education and sustainability. These collaborations aim to enhance educational practices, promote environmental awareness, and contribute to sustainable development goals. This partnership focuses on integrating sustainability into academic curricula, research, and community engagement. By aligning educational programs with the SDGs, we are aiming to prepare students to address pressing global challenges, such as climate change, biodiversity loss, and social inequality. agriculture, biotechnology, and environmental sciences helps cultivate a generation of environmentally conscious leaders.

2) Partnership with the United Nations Academic Impact

The university partnership with the United Nations Academic Impact (UNAI) is a significant step towards enhancing its global academic presence and aligning its educational goals with the United Nations' Sustainable Development Goals (SDGs). We are proud to be part of the international programme.

17 PARTNERSCHAP OM
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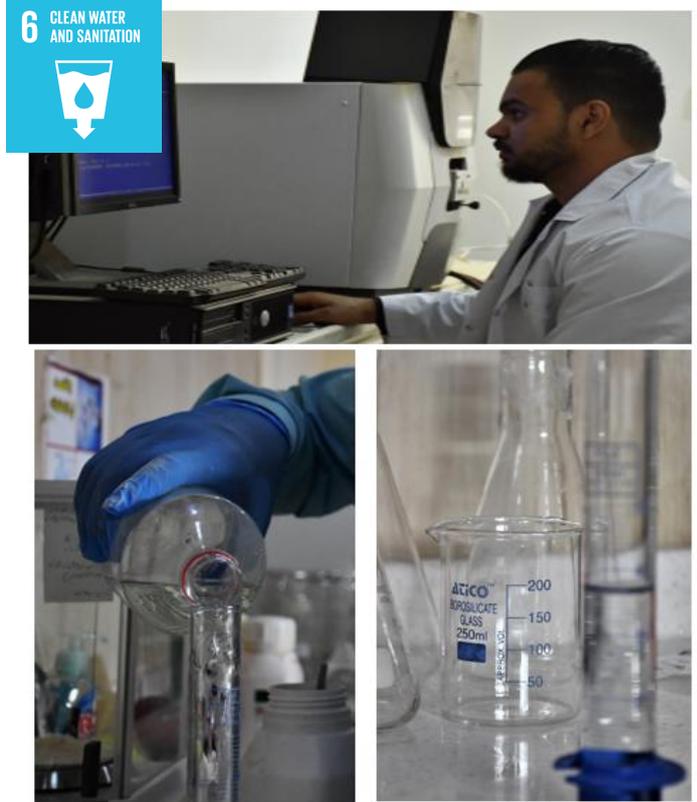
Water Management at Al-Qasim Green University

6 CLEAN WATER AND SANITATION



The Installation of a sustainable and efficient water irrigation system at the university green spaces

6 CLEAN WATER AND SANITATION



Water quality sampling and monitoring by the faculty of environmental science at Al-Qasim Green University

6 CLEAN WATER AND SANITATION



Al-Qasim Green University adopts the following water management strategies to improve water efficiency and sustainability:

- Implementing an operative water resources management programme.
- Applying an optimal water use programme.
- Reducing waste dumping in rivers, seas, and oceans.
- Cleaning the rivers in the province.
- Employing an anti-pollution programme.
- Rationalization of water consumption.
- Wastewater treatment and recycling.
- Cooperating with the relevant authorities to develop studies and research.
- Promoting policies to increase the water share of the Tigris and Euphrates rivers.
- Reducing water pollution.
- Reducing water leakage.
- Rationalization of water consumption.
- Improving water and wastewater management.
- Enhancing cooperation in capacity building in activities and programmes related to water and wastewater.
- Desalination of water

6 CLEAN WATER AND SANITATION

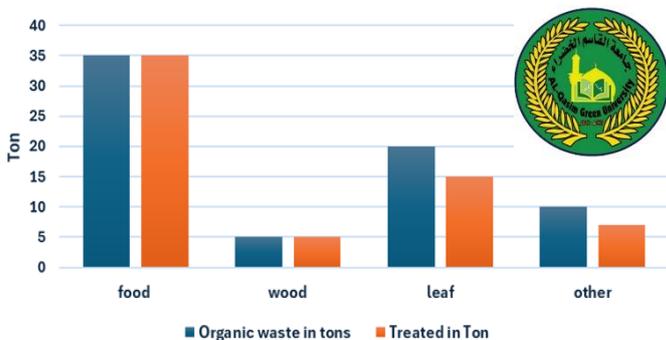


Waste Management at Al-Qasim Green University



Al-Qasim Green University implements effective waste management procedures to reduce environmental impact and foster a sustainable campus culture. Below are strategies implemented to reduce the ecological footprint, and promote a culture of responsibility and innovation creating a cleaner, greener campus.

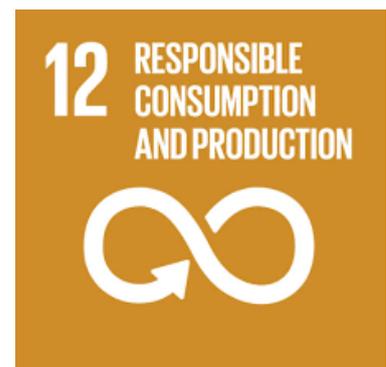
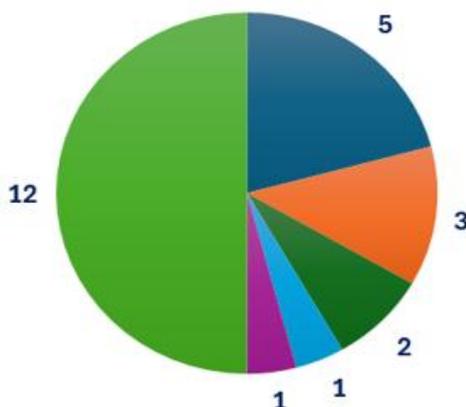
Organic waste (Generated VS treated)



1. Waste Prevention and Reduction
2. Waste Segregation at Source
3. Recycling and Material Recovery
4. Organic Waste Composting
5. Waste-to-Energy Solutions
6. Hazardous Waste Management
7. Monitoring, Reporting, and Continuous Improvement

	Organic waste in tons	Treated in Ton	Method of treatment
food	35	35	Conversion to Organic fertilizer
wood	5	5	Conversion to Artworks
leaf	20	15	Given as a food for the university Animal sanctuary
other	10	7	Partially treated
Total	70	62	

Toxic waste produced (Tons) 2024



■ Chemicals ■ laboratory waste ■ needles ■ Batteries ■ other ■ Total



Al-Qasim Green University

2024-2025