



Al Balqa Applied University

Sustainability Report 2025



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Al-Balqa Applied University
2024/2025

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Foreword

Al-Balqa Applied University (BAU) is a prominent public university in the Hashemite Kingdom of Jordan, with a student body of over 60,000 and multiple satellite campuses across the country. BAU's vision is to excel as a globally competitive applied university, renowned for creativity, innovation, applied scientific research, and leadership. The university is dedicated to fostering Jordan's knowledge economy and society, delivering high-quality education that equips students to thrive in a rapidly changing world.

Spanning an estimated **11,100,000 m²**, BAU's campuses are home to a wide array of educational, research, medical, sports, and cultural facilities. Additionally, the campuses feature extensive green spaces and recreational areas, creating a vibrant, supportive environment for student development and engagement.



BAU's main campus is located in the ancient city of [As-Salt](#), in Al-Balqa' Governorate, home to a number of important cultural and historical sites, and a [UNESCO world heritage](#) site. Built by Macedonians, [As-Salt](#) occupied an important trading position by Roman, Byzantine, and Mamelukes. Along with its historical value, As-Salt city is located 20 minutes from the lowest point on earth, the [Dead Sea](#) and is very close to the [holy baptism site of Jesus Christ](#) on the East bank of the Jordan River. A sunny day at As-Salt rewards visitors with a breathtaking view of the holy lands.

Alongside BAU's main campus, the university's satellite campuses are hubs for quality education and research and offer students the opportunity to explore Jordan's rich cultural heritage. For example, [Aqaba University College](#) located in Jordan's only port, offers maritime transport technology programs as well as easy access to the golden triangle of [Petra](#), [Wadi Rum](#) and [Aqaba](#). And Shoubak University College, which is located close to the stunning [Dana Biosphere Reserve](#). and [Huson University College](#) in the north, which closest

to [Jerash](#) which is the second to Petra on the list of favorite destinations in Jordan

Al-Balqa Governorate is a province of intellectual heritage and folklore, and it is popular for recreational and religious tourism; traveler may visit many ruins and sacred shrines for Prophet Shu'ayb (Maqam Nabi Shu'ayb), Prophet Joshua Ben-nun, Prophet Gad Ben Jacob, Prophet Ayub, Prophet Hazir, and Prophet Gilad (May Peace Be Upon Them), as well as the shrines of two of Prophet Mohammad (Peace Be Upon Him) Companions: Abu Obeida Al-Jarah and Dirar Ibn Azwar.

Such an integral role along with other cities of the Kingdom was deeply rooted during the establishment of the Emirate of Jordan in 1921 moving towards developing the country. Salt City was prominent with its scientific and educational legacy, which was marked by the founding of Salt School, inaugurated by His Majesty King Abdullah the First – may God rest his soul – (Prince at that time) in 1923, to be the first school in the kingdom having its graduates as great officials and leaders of the nation.

Upon firmly acknowledging the educational and scientific long history of Salt City along with its leading role in the field of education by the Hashemite leadership, Late King Hussein Bin Talal – May God rest his soul – honored Balqa' governorate by the issuance of the royal decree to establish Al Balqa Applied University in Salt city on the 22nd of August 1996. This has enhanced the city's role, commemorated the pioneers of its early graduates, and scientifically empowered its legacy which we hope to continually flourish.

Our Strategic Response

BAU operates through a network of campuses across Jordan, covering diverse climatic regions—from the highlands in the mid-west to the arid governorates in the south and far east. This geographical diversity has driven BAU to undertake extensive initiatives in climate variability and adaptation, establishing itself as a leader in climate resilience.

BAU is at the forefront of research and innovation in areas such as water conservation, drought management, capacity building, and technology transfer. Its initiatives span solar energy, wastewater treatment and reuse, and smart agriculture. The university has also introduced specialized academic programs in fields like smart agriculture, water treatment, smart buildings, and electric and hybrid vehicles, alongside conducting numerous climate change awareness activities.

On another hand (BAU) adopts the United [Nations Sustainable Development Goals \(UN SDGs\)](#), and Paris Agreement goals which are adopted by all nations as a universal call to protect the planet and ensure that all people enjoy peace and prosperity by 2030 through ethical management of resources, openness to societies and contributing to their development and solving their problems, and creating a conscious generation of its students who adopt the dimensions of sustainable development in their lives, directing scientific research to contribute to achieving sustainable development, and strengthening national and international partnerships, also (BAU) became a member of [United Nations Academic Impact \(UNAI\)](#), and [United Nation - Sustainable Development Solution Network \(UNSDSN\)](#).



INTRODUCTION:

BAU has adopted a sustainability-driven approach rooted in continuous improvement, with a mission to fully integrate the United Nations Sustainable Development Goals (SDGs) into its core strategies, policies, and daily operations. This commitment has inspired transformative initiatives, projects, and programs across all faculties and campuses. Through responsible resource management, innovative teaching, impactful research, and strong national and international partnerships, BAU continues to redefine its institutional identity as a leader in sustainability.

To strengthen its contribution to the SDGs, BAU established a **dedicated [Sustainability Office](#)** and implemented best practices that have earned international recognition. Remarkably, the university ranked **first nationally and 2nd in the Arab region, and 53rd globally** in the **2023 UI GreenMetric World University Rankings**.

These accomplishments align with the **17 Sustainable Development Goals**, which serve as a guiding framework for meaningful action toward people and the planet. By embracing these goals, BAU continuously assesses its progress and sets clear priorities for future advancement.

BAU remains steadfast in empowering students as agents of change, community leaders, and responsible global citizens. Faculty and students actively engage in sustainability-oriented education through diverse courses, academic programs, and research projects that advance SDG principles in teaching, learning, and innovation.

In alignment with its [Strategic Plan 2021-2025](#), BAU continues to pioneer innovative approaches through training programs, applied research, and community engagement initiatives—all designed to contribute effectively to the realization of the [UN 2030 Agenda for Sustainable Development](#).

1 NO POVERTY



BAU is deeply committed to supporting the local community and contributing to sustainable development. To reinforce this commitment, the university has aligned its strategies, policies, and governance structures with the **United Nations Sustainable Development Goals (SDGs)**, placing special emphasis on **Goal 1: No Poverty**. With its wide geographical presence across Jordan, BAU plays a significant role in advancing poverty alleviation efforts at both local and national levels.

لدعم صندوق الطلاب الفقير اتفاقية تعاون بين جامعة البلقاء التطبيقية والبنك الأهلي الأردني
(2108 مكالمات) (0 تعليقات)



Through its extensive network, BAU provides grants and financial aid to students facing economic challenges that could hinder their education. These resources are facilitated through partnerships with the **Ministry of Higher Education** and the **Student Support Fund**, along with collaborations with various donor institutions. To effectively contribute to the SDGs, BAU has outlined specific sub-goals aligned with the broader aim of sustainable development, particularly targeting Goal 1:

- **Advanced scientific research** focused on combating poverty reduction and sustainable livelihoods, in addition to scientific publication and research collaboration with institutions in low-income and developing countries.
- **Supporting economically disadvantaged students** to help them complete their education and overcome difficult circumstances.
- **Engaging in community initiatives and** national programs aimed at alleviating poverty and promoting social equity.

SUPPORT & FINANCIAL AID

BAU has implemented a robust suite of initiatives to support students from low-income backgrounds by leveraging its internal resources and collaborating closely with the Ministry of Higher Education and Scientific Research (MOHE) and local community organizations. Through its dedicated Student Support Fund, BAU offers targeted assistance to students facing financial difficulties. In parallel,

Balqa University, UNHCR sign MoU to expand higher education opportunities for refugees



via the national Student Support Fund system, it contributes alongside other public universities in delivering grants and loans to students across Jordan — for example, MOHE announced the disbursement of roughly JD 5 million for eligible students in the 2024–2025 academic year, including those at BAU.

Beyond national support, BAU plays an active role in supporting the education of refugee students and those from low-income countries hosted in Jordan. This includes signing a memorandum of understanding (MoU) with United Nations High Commissioner for Refugees (UNHCR) which establishes the “Higher Education Alliance” in Jordan to expand access to higher education for refugee students, and treating refugee students admitted through the university's parallel programs with tuition parity to Jordanian students.

Additionally, BAU has fostered various international partnerships such as the agreement with the Korea International Cooperation Agency (KOICA) to upgrade its diploma-level programs at Irbid and Karak—which enhance its capacity to provide better educational opportunities and infrastructure to students from diverse backgrounds.

Through these combined efforts direct financial aid programs, national grant systems, inclusive policies for refugees, and international partnerships BAU is strengthening its commitment to equity, access and social inclusion for all students, especially those from economically disadvantaged or under-represented backgrounds.

AFFORDABLE HOUSING AND EDUCATION RESOURCES

The university has implemented targeted support programs to assist female students and other students facing financial challenges. The university has reduced tuition fees for its master's programs and waived fees for English language course materials, significantly easing the financial burden for students pursuing advanced studies. In a notable step toward equity, BAU has also standardized tuition fees for international students enrolled in parallel programs, aligning them with the rates for Jordanian students. These measures promote fairness, inclusiveness, and broader access to higher education for all members of the university community.

LOCAL COMMUNITY – NO POVERTY AT BAU

Significant efforts are being made to support local communities and address socio-economic challenges, in line with **SDG 1: No Poverty**. Community groups are empowered to establish and sustain their own ventures through logistical support, specialized training, and capacity-building programs that provide essential skills in marketing and business management.

To enhance visibility and market access for these initiatives, BAU organizes events, festivals, and bazaars that provide platforms for local products. Notable examples include the Pomegranate Festival and the Black Iris Festival, along with periodic bazaars held across various regions of Jordan.



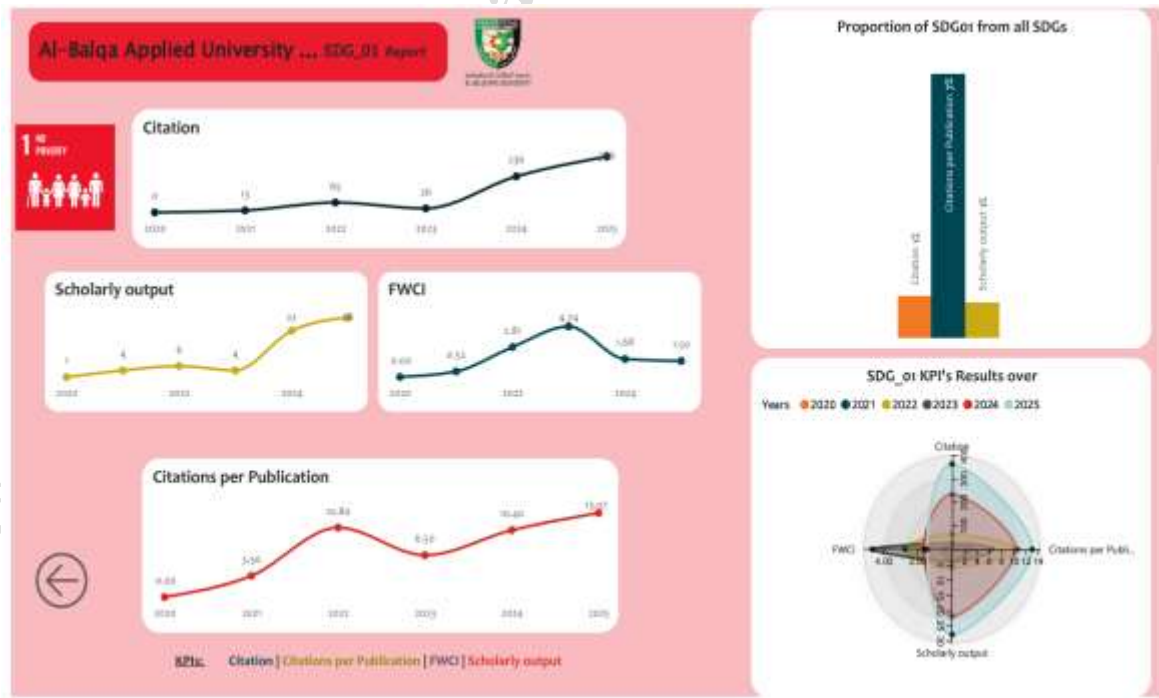
BAU also extends its support to vulnerable populations, organizing targeted activities for orphans and underprivileged groups. These include charitable initiatives, free medical services, and programs aimed at meeting essential community needs.

Furthermore, the university participates in international projects such as INTERNSA and My Community, which focus on enhancing youth employability, entrepreneurship, and social innovation. These projects provide training, internships, and community-based activities, empowering young people particularly women and marginalized groups to gain practical experience, develop leadership skills, and improve livelihoods.



جامعة البلقاء التطبيقية : تهدف التمكن الاقتصادي للمرأة في محافظة البلقاء ورشة تدريبية حول التسويق الإلكتروني والتسويق الإلكتروني في المنتجات المتعددة في البلقاء التطبيقية

SCIENTIFIC RESEARCH SOLUTIONS



[SDG01_BAU_No Poverty Publications \(2021-2025\)](#)

2 ZERO HUNGER



Al-Balqa Applied University (BAU) is dedicated to advancing natural resource management, particularly through diverse research projects focused on food conservation, a vital approach to ensuring sustainable food supplies for future

generations. Through strong academic programs and high-quality scientific research, BAU provides integrated technical solutions to support the national economy. Additionally, the university is committed to creating an educational environment that develops skilled agricultural engineers, ready to meet the needs of local and regional job markets.

To increase sustainable food production, BAU has expanded land cultivation at Princess Tasnim Station and Shobak College, aligning this growth with rigorous quality standards to protect human and animal health, support agricultural industries, and enhance food safety.

In alignment with these objectives, BAU has outlined several key goals:

- **Enhancing university-led scientific research to address hunger.**
- **Expanding university initiatives to combat food insecurity.**
- **Making significant contributions to national food security efforts.**

PRACTICES

BAU Al-Balqa Applied University (BAU) is actively advancing the Second Sustainable Development Goal (Zero Hunger) through a comprehensive strategy that integrates education, community engagement, and sustainable food production.

BAU operates productive agricultural stations, including the Princess Tasnim Agricultural Research Station, which cultivates a diverse range of fruits, vegetables, and livestock. These products are made available to the local community at affordable prices, ensuring access to fresh, nutritious, and locally sourced food.

To enhance food affordability and promote healthy eating habits, BAU oversees a network of cafeterias and kiosks across its campuses, where prices are continuously monitored to remain accessible for students and staff. In 2024, the university inaugurated a main campus restaurant offering balanced, healthy, and affordable meals a major step in reinforcing food security across the university community.



In support of sustainable agricultural innovation, BAU established a Smart Agriculture Unit within the Faculty of Agricultural Technology. This unit functions as a hands-on training and research center for students, graduates, and community members. It provides practical training on establishing low-cost homes and community gardens, empowering



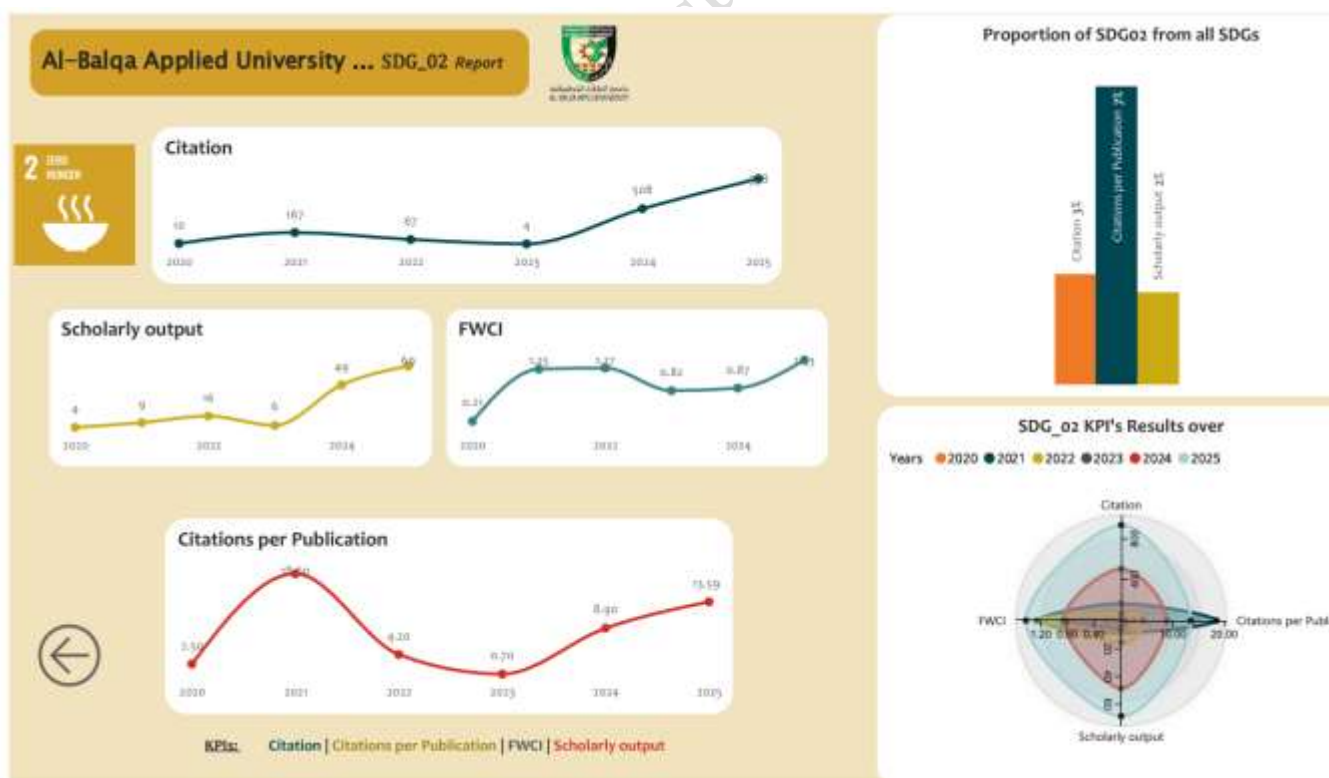
participants to cultivate vegetables and enhance their food self-sufficiency. This initiative not only contributes to household income but also strengthens local resilience and nutrition.

Through these integrated and practical initiatives, BAU plays a vital role in combating hunger, promoting food security, and fostering sustainable agricultural practices that directly benefit both the campus and the wider community.

Notably, BAU's leadership in sustainability and food security has earned it shortlisting at the Times Higher Education (THE) Arab University Awards for Outstanding Contribution to Environmental Leadership, recognizing its impactful and innovative environmental and agricultural initiatives across Jordan and the region.

SCIENTIFIC RESEARCH SOLUTIONS

In addition to the **Princess Tasnim Agricultural Research Station**, which plays a vital role in implementing both local and international projects and transferring global knowledge, best practices, and research in food and agricultural security, the university also oversees extensive **protected natural areas**. These areas serve as living laboratories for conservation and sustainability, preserving valuable plant and animal genetic resources. They encompass diverse ecosystems that host medicinal plants, wild species, and important bird habitats. All sites are carefully monitored and managed to prevent hunting, disturbances, and other forms of human intervention, ensuring the long-term protection and ecological balance of these natural environments



[BAU's Publications SDG02: Zero Hunger 2021 to 2025](#)

3 GOOD HEALTH AND WELL-BEING



Al-Balqa Applied University (BAU) remains deeply committed to advancing the Sustainable Development Goal of Good Health and Well-Being (SDG 3). To enhance public health services and reach underserved communities, BAU has entered strategic collaborations with leading health institutions, including the Ministry of Health and the Electronic Health Solutions (EHS) to strengthen health informatics education and training

BAU has clearly defined several sub-goals to drive its work in health and well-being:

- **Supporting scientific research** in areas related to health and well-being.
- **Conducting health-focused educational outreach programs** for local communities.
- **Implementing health outreach services and initiatives** dedicated to improving community health and well-being.
- **Expanding national and international partnerships** in the field of health and well-being.

HEALTH OUTREACH PROGRAMMES

BAU is actively working to achieve the 3rd Sustainable Development Goal (Good Health and Well-being) by delivering health outreach programs and projects that enhance community health and well-being.

The university has developed tailored volunteer programs designed to promote essential health services and well-being initiatives within the local community. These programs specifically target marginalized groups, including orphans, the

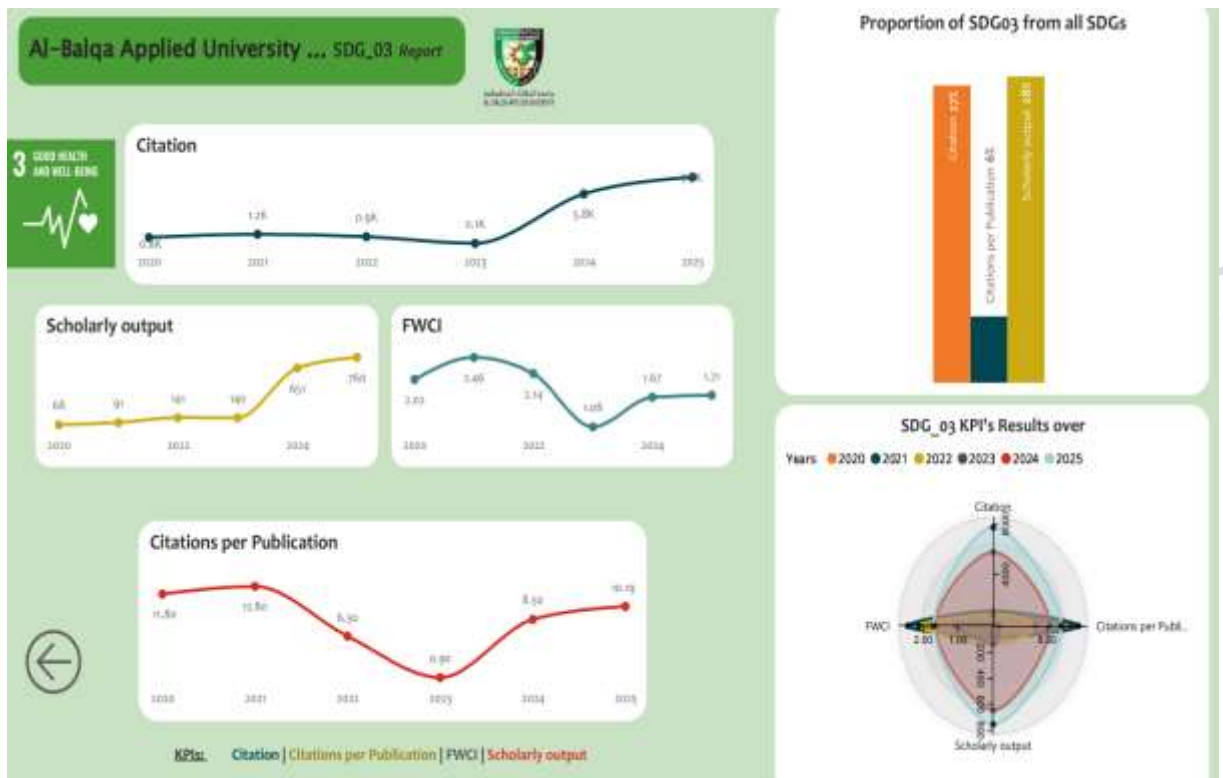


elderly, remote communities, and displaced individuals. They encompass a wide range of activities, such as free medical events, blood donation drives, hygiene campaigns, sports activities, and awareness programs focused on critical topics like nutrition, family health, and healthcare. BAU's focus on addressing relevant health issues ensures that its initiatives have a direct and meaningful impact on the community, regardless of residency or refugee status.

Furthermore, BAU takes great pride in its commitment to community engagement through shared sports facilities. These facilities serve as a bridge between the university and the local community, fostering unity and providing vital resources for physical activity and recreation. By leveraging these spaces, BAU has positively influenced the community, offering opportunities for fitness activities, sports events, and social gatherings.

SCIENTIFIC RESEARCH SOLUTIONS

BAU is committed to achieving UN-SDG 3 (Good Health and Well-being), as demonstrated through various initiatives, including the significant contribution of its faculty staff members. These experts produce high-quality research addressing critical health issues, furthering the university's dedication to advancing public health and well-being both locally and globally.



[Publications at Al-Balqa Applied University within SDG 3: Good Health and Well-being 2021to 2025](#)

4 QUALITY EDUCATION



Al-Balqa Applied University (BAU) is deeply committed to achieving the Fourth Sustainable

Development Goal

(Quality Education) by

promoting inclusive,

equitable, and high-

quality learning

opportunities for all. The

university prioritizes

education that is both

practical and accessible,

ensuring that students develop competencies, skills, and values that meet the evolving needs of the labor market and society.



BAU's educational philosophy emphasizes lifelong learning and inclusivity, extending opportunities beyond traditional classrooms. The university offers flexible educational pathways, including online learning platforms, professional development programs, and open educational resources that align with international academic standards. These initiatives enable diverse learners — including housewives, individuals with disabilities, rural residents, and others unable to access conventional education — to pursue their studies and enhance their skills.

To ensure that education serves as a driver for social mobility and equality, BAU has implemented targeted initiatives that support underprivileged and disabled students, ensuring fair access and inclusive participation across all faculties and campuses. The university also integrates modern technologies into teaching and learning, fostering innovation and preparing students to effectively address global challenges.

In alignment with this mission, BAU has outlined several sub-goals to advance SDG 4:

- **Supporting scientific research focused on enhancing the quality of education.**
- **Providing educational resources and training opportunities to non-university learners.**
- **Expanding vocational and technical training programs that build employability and innovation skills.**
- **Engaging in outreach and community initiatives aimed at advancing education and lifelong learning.**

Through these efforts, BAU aims to increase access to quality education, empower a diverse range of learners, and create an inclusive learning environment that breaks down traditional barriers, in line with the core principles of the SDGs.

ACCESS TO GENERAL LECTURES AND EVENTS FOR PUBLIC

A strong commitment to inclusive and equitable education drives efforts to empower learners by developing their competencies, skills, and knowledge in line with international standards. Emphasis is placed on accessibility and lifelong learning, offering flexible educational pathways and a supportive environment that ensures learning opportunities for all.

Al-Balqa Applied University (BAU) provides a wide range of educational and training programs supported by publicly accessible resources, including educational channels, libraries, electronic databases, and tutorial materials. Special attention is given to inclusivity, with resources designed to accommodate students with visual impairments and other learning needs.

Beyond its academic community, BAU extends its educational mission through certified training programs and opens learning resources available to alumni, residents, and

refugees. These initiatives include free certification courses, empowering individuals to enhance their skills and employability.

By making its facilities, laboratories, and online platforms accessible to the public, BAU reinforces its dedication to lifelong learning, community engagement, and sustainable human development, ensuring that education remains a tool for empowerment and social progress.



[A Nuclear Security Training Course](#)



[A Photoshop Training course](#)



[Business English Course](#)



[Training Course for economic empowerment of female university graduates](#)

HOST PUBLIC EVENTS

BAU is enhancing its community engagement by hosting a wide range of educational events accessible to the public. In collaboration with local communities, BAU organizes an array of events, including conferences, seminars, lectures, training programs, awareness sessions, and other activities. These events are supported by various



university departments, including the faculties, Deanship of Student Affairs, Local Community Development Unit, and specialized scientific centers. Recent highlights include the 1st International Conference "Crisis Management in a Complex, Dynamic Environment", and numerous scientific conferences and themed events that cater to diverse segments of society.

With campuses spread across the Kingdom, BAU offers numerous free educational activities that enhance community learning experiences. These public events are provided both on an ad hoc and programmed basis, embodying BAU's commitment to accessible education and lifelong learning for all.

العجلوني يرعى انطلاق مؤتمر الأبحاث الطبية الثاني في البلقاء التطبيقية

(2559 مشاهدات) (0 تعليقات)



[The 2nd Medical Research Conference](#)



The 3rd Annual Conference for English language Teachers in Jordan.

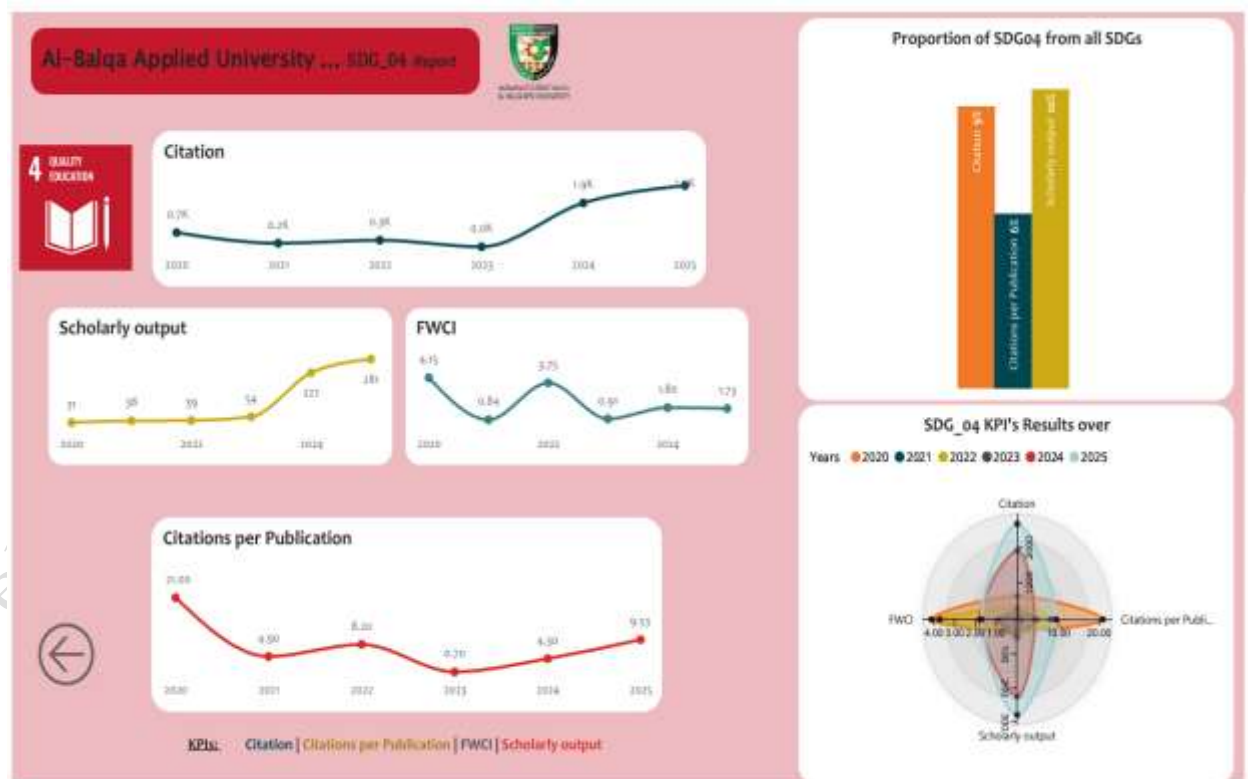


The 1ST Conference on Scientific Research Projects



TechVision Conference Sparks Technological Innovation, Organized by the College of Engineering Technology at the Hussein Cultural Center

SCIENTIFIC RESEARCH



Publications at Al-Balqa Applied University within SDG 4: Good Health and Well-being 2021 to 2025

5 GENDER EQUALITY



Al-Balqa Applied University (BAU) recognizes that achieving gender equality is not only a fundamental human right but also a cornerstone for building a sustainable future.

Empowering women and girls catalyze economic growth, drives innovation, and fosters thriving communities. Despite notable progress in increasing female workforce participation, significant disparities remain in some regions, where women continue to face unequal labor rights and limited opportunities compared to men.

In response to these challenges, BAU has developed a comprehensive strategy to champion gender equality within the university and contribute to broader societal change in Jordan.

Key initiatives include:

- **Pioneering Research:** Conducting in-depth studies on gender equality, focusing on employment trends, barriers, and opportunities.
- **Accessibility Enhancement:** Evaluating and improving institutional policies and infrastructure to ensure women have equitable access to resources, education, and career development at **BAU**.
- **Expanding Representation:** Encouraging and supporting women's active participation in underrepresented fields such as STEM, leadership roles, and entrepreneurship.
- **Strategic Partnerships:** Building robust collaborations with universities, community organizations, governmental bodies, and NGOs at regional and national levels to amplify gender equality efforts and create sustainable impact.

COMMITMENT

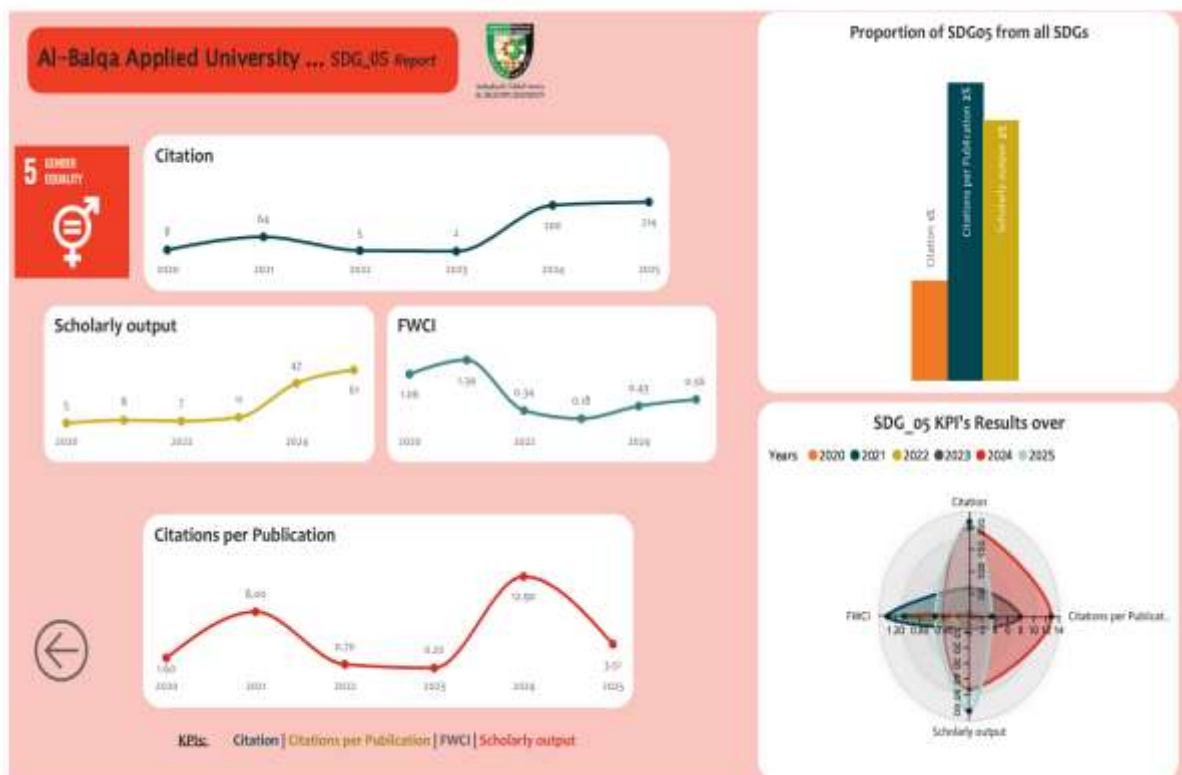
BAU is unwavering in its commitment to empowering women by fostering their potential, safeguarding their rights, and ensuring equitable access to resources and opportunities. BAU actively involves women in its decision-making processes and works diligently to improve their quality of life, address their challenges, and provide the support necessary for them to thrive. This includes offering tailored training programs, career guidance, counselling, and scholarships at prestigious international institutions. Through these efforts, BAU guarantees equal opportunities in recruitment, employment, appointments, and promotions across all fields, while championing women's representation in governance councils and paving the way for their advancement into leadership roles. The university is committed to amplifying women's societal influence, shaping economic and social trajectories, and fostering inclusive growth.

BAU upholds a policy for discrimination against women in all its forms or covert. Aligned with the Constitution and legal framework of the Hashemite Kingdom of Jordan, which explicitly prohibits gender-based discrimination, BAU enforces strict penalties for violations. It continuously formulates and updates its regulations and policies to reflect these legal protections, ensuring women have equal opportunities across professional and academic domains.

To further its mission of gender equality, BAU offers specialized training programs designed to enhance women's leadership skills and prepare them for senior roles. These programs focus on increasing women's representation in decision-making positions, expanding their access to traditionally underrepresented fields, and fostering professional growth through both formal and informal learning pathways. Dedicated mentorship and career development initiatives are integral parts of these programs, equipping women with the tools they need to succeed and thrive in their chosen careers.

Furthermore, BAU has revised its scholarship policies to ensure gender equality: female scholarship students are granted the same rights as their male counterparts in terms of conditions such as accompaniment of their spouses during the scholarship period. This amendment reflects the university's commitment to creating an inclusive academic environment, addressing gender-specific needs, and removing barriers that may hinder women's academic and professional advancement.

SCIENTIFIC RESEARCH



[Publications at Al-Balqa Applied University within SDG 5: Gender Equality](#)

6 CLEAN WATER AND SANITATION



Water is essential for life, supporting ecosystems, human health, and economic development.

Global demand for water is rising due to population growth, urbanization, and increasing needs from agriculture, industry, and energy. This demand has outpaced population growth, leaving one in ten people living under high or critical water stress, with some regions exceeding 75 per cent stress. Climate change further intensifies



water scarcity, and at the current pace, sustainable water management worldwide may not be achieved until 2049. Access to safely managed drinking water has improved from 68 per cent in 2015 to 74 per cent in 2024, but achieving universal water, sanitation, and hygiene (WASH) services in schools by 2030 requires doubling current progress, BAU a comprehensive framework has been developed to ensure sustainable water management and sanitation both on campus and across Jordan. Key initiatives include:

- **Advancing Scientific Research:** Supporting innovative research on clean water and sanitation solutions.
- **Maximizing Treated Water Usage:** Promoting the use of treated water to reduce dependence on freshwater resources.
- **Strengthening Water Conservation:** Implementing measures to preserve both water quality and quantity.
- **Expanding Water Education:** Delivering educational programs to raise awareness of sustainable water practices.
- **Empowering Communities:** Engaging local populations through community-based water initiatives.

WATER RE-USE MEASUREMENT

Al-Balqa Applied University (BAU) recognizes the critical importance of wastewater treatment in sustainable water management. The university actively monitors the volumes processed through its wastewater treatment facilities, with a particular focus on its dedicated Wastewater Treatment Facility. This diligent assessment ensures the continuous development and enhancement of the treatment processes, targeting an annual increase in the output of treated water to meet growing demands.



About the Project

The WATER4MED project aims to develop innovative solutions for water management in the Mediterranean region, focusing on adaptation to increasing climate change challenges.

Our goal is to improve water governance models and propose solutions for water storage and flood mitigation.



Among the various wastewater treatment stations utilized by BAU, the decentralized facility in Fuheis, known as the [SMART](#) station, serves as a flagship model. This facility exemplifies innovative and efficient wastewater management practices, reinforcing the university's commitment to advancing sustainable solutions and contributing to environmental conservation efforts.

WATER IN THE COMMUNITY

BAU is at the forefront of preparing highly skilled water engineers equipped with advanced competencies to meet the demands of rapidly evolving technologies. Recognizing the limitations of traditional methods in water collection, treatment, irrigation, and conservation, BAU has proactively modernized its core water-related curricula.

One notable initiative is the peer-to-peer curriculum development project, conducted in collaboration with experts from IHE-Delft in The Netherlands as part of the WATRA project.

This effort focuses on updating academic content in key areas such as drinking water treatment, wastewater treatment, and hydrology to reflect the latest technological advancements.

Beyond academic programs, BAU engages in annual awareness campaigns targeting diverse stakeholders, including women's associations, farmers, school students, and decision-makers. Capacity-building initiatives have also been prioritized, with over 72 private-sector operators receiving training this year to align their skills with emerging technologies, also as part of the WATRA project.

BAU's Al-Fuhais station serves as a dynamic learning platform, providing practical opportunities for students, researchers, and the local community to engage with real-world water management practices. Additionally,



through its participation in the WATER4MED project, BAU is contributing to the development of innovative solutions for water management in the Mediterranean region, focusing on adapting to the increasing challenges posed by climate change.

These initiatives underscore BAU's commitment to fostering expertise in sustainable water management and addressing critical environmental challenges at both the local and regional levels.

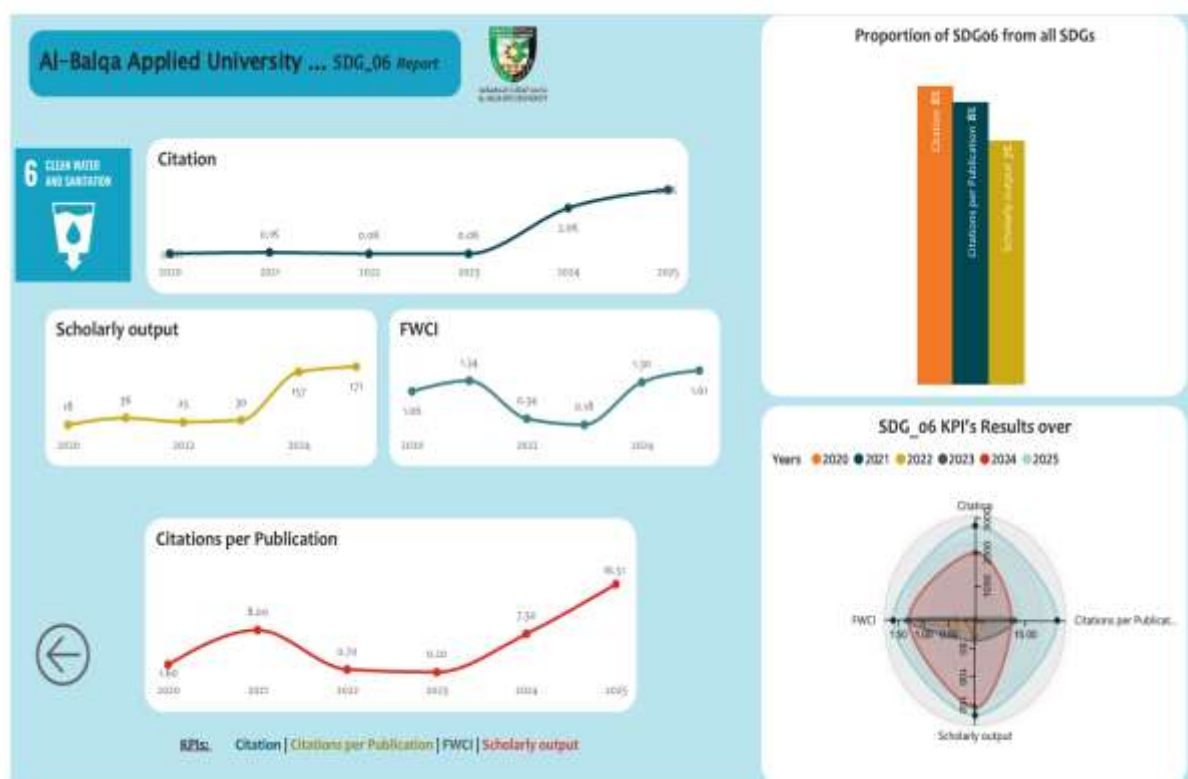
RESEARCH AND INTERNATIONAL COLLABORATION

Water security has emerged as a critical national priority, and its centrality within state universities has become increasingly pronounced. However, the extent of contributions toward water security varies among universities. Al-Balqa Applied University has shown a steadfast commitment to ensuring water security, taking significant strides to achieve this goal. An exemplary instance is BAU's collaboration with UNESCO in 2009 to establish [International Research Center for Water, Environment and Energy](#) (IRCWEE) within the university. Since its inception, this partnership has fostered increased cooperation both nationally and internationally.

BAU has actively engaged in numerous water-related projects, funded at national and international levels, aimed directly or indirectly at bolstering water security. These projects span from minor contributions to policy development to substantial interventions on the ground. Presently, BAU boasts a multitude of international partnerships and has successfully executed over 14 completed and ongoing water-related projects. This momentum positions the university as a hub for water scientists in Jordan and the wider Middle East region.



IRCWEE's Partners



Publications at Al-Balqa Applied University within SDG 7: Clean Water and Sanitation 2021 to 2025

7 AFFORDABLE AND CLEAN ENERGY



Al-Balqa Applied University (BAU) is firmly committed to advancing Sustainable Development Goal 7 (Affordable and Clean Energy) by promoting reliable, sustainable, and modern energy solutions across all its campuses. Recognizing that access to clean energy is fundamental to both environmental protection and socio-economic progress, BAU integrates energy efficiency and renewable energy into its core strategies, infrastructure, and academic programs.

Through innovative research, large-scale solar initiatives, and energy-smart infrastructure, the university has positioned itself as a national leader in clean energy transformation within Jordan's higher education sector. Currently, over 90 percent of BAU's total energy consumption is sourced from renewable energy, primarily solar power, reflecting its steady progress toward complete energy independence.

Beyond infrastructure, BAU's commitment extends to education and capacity building, offering training, workshops, and research opportunities focused on renewable energy technologies and energy management. These initiatives not only reduce the university's carbon footprint but also empower students, researchers, and the community to contribute to Jordan's transition toward a low-carbon future.

In alignment with the Jordanian National Energy Strategy and the Sustainable Development Goals, BAU continues to innovate in renewable energy generation, energy-efficient design, and smart building practices — paving the way for a more sustainable and resilient energy future.

To ensure accessible, reliable, and sustainable energy within the university and across Jordan, BAU has set clear objectives:

- **Advancing Research:** Supporting and fostering scientific research in competitive low-carbon energy solutions.

- **Expanding Clean Energy Use:** Increasing reliance on renewable and clean energy sources.
- **Promoting Education:** Developing and expanding educational programs centered on green energy.
- **Reducing Carbon Emissions:** Leading initiatives that significantly curtail carbon footprints and promote sustainability.

These initiatives reflect **BAU's** unwavering commitment to eco-friendly practices and its role as a pioneer in renewable energy. By championing sustainable energy solutions, the university is shaping a cleaner, greener future for its campuses and the broader Jordanian community.

INCREASING DEPENDENCE ON CLEAN ENERGY

Al-Balqa Applied University (BAU) is actively advancing its sustainability agenda through a comprehensive policy centered on energy-efficient building renovations. This approach underscores the university's dedication to transitioning toward environmentally sustainable Green Buildings.

Recent construction projects at BAU exemplify this commitment, incorporating innovative design features that enhance energy efficiency and environmental harmony. Key elements include the integration of centralized glass domes and the strategic use of double-glass windows, which maximize natural illumination and reduce reliance on artificial lighting. Additionally, these architectural enhancements promote natural ventilation, further minimizing energy consumption and creating healthier indoor environments.

Through these initiatives, BAU is setting a benchmark in sustainable campus development, aligning its infrastructure with global standards for eco-friendly and energy-efficient buildings.



Solar tracking systems



Metal cladding systems



General View

BAU is at the forefront of energy conservation and efficiency, adopting advanced Smart Building technologies and implementing a comprehensive range of energy-saving strategies. These initiatives reflect the university's commitment to sustainable development and environmental stewardship.

Key measures include the installation of an innovative solar tracking system to maximize solar energy capture, the use of metal cladding systems and energy-efficient stone in construction for better thermal insulation, and the replacement of traditional light bulbs with energy-saving LED lamps. BAU has also integrated cutting-edge transparent solar panels, which simultaneously generate power and allow natural light to pass through, and

utilizes solar water heaters to meet diverse hot water needs.

Additionally, the university employs high-efficiency air-conditioning units equipped with inverter technology and eco-friendly refrigerants, significantly reducing energy consumption while maintaining comfort. These forward-thinking strategies position BAU as a leader in sustainable campus management, driving progress toward a greener future..



[New Electric Vehicles](#)

Al-Balqa Applied University launches landmark solar energy project for electricity generation



BAU Launches Landmark Solar Energy Project for Electricity Generation

CEINTIFC RESEARCH



Publications at Al-Balqa Applied University within SDG7: Affordable and Clean Energy 2021 to 2025

Development and Quality Assurance Centre _2025

8 DECENT WORK AND ECONOMIC GROWTH



The Sustainable Development Goals (SDGs) aim to promote continuous economic growth, enhance productivity, and stimulate technological innovation. Central to these objectives is the advancement of entrepreneurship, job creation, and fair labor practices, coupled with strong efforts to eliminate forced labor, slavery, and human trafficking. The overarching ambition is to achieve inclusive and sustainable economic growth that guarantees decent and productive employment for all by 2030.

In alignment with these principles, SDG 8 emphasizes “sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for all.” Al-Balqa Applied University (BAU) actively supports this goal through initiatives that foster innovation, empower youth, and strengthen the link between education, entrepreneurship, and the labor market.

In alignment with this commitment, BAU has set forth several key objectives to ensure equitable work opportunities and foster long-term economic growth both within the university and across Jordan:

- **Advancing scientific research** promotes decent work and drives economic growth.
- **Implementing exemplary employment practices** that prioritize fairness, equity, and inclusivity in the workplace.
- **Upholding a steadfast commitment** to eradicating forced labor, modern slavery, human trafficking, and child labor.
- **Providing a secure, innovative, and dynamic work environment** that supports continuous growth and development.

BAU also plays a pivotal role in shaping the business landscape and creating job

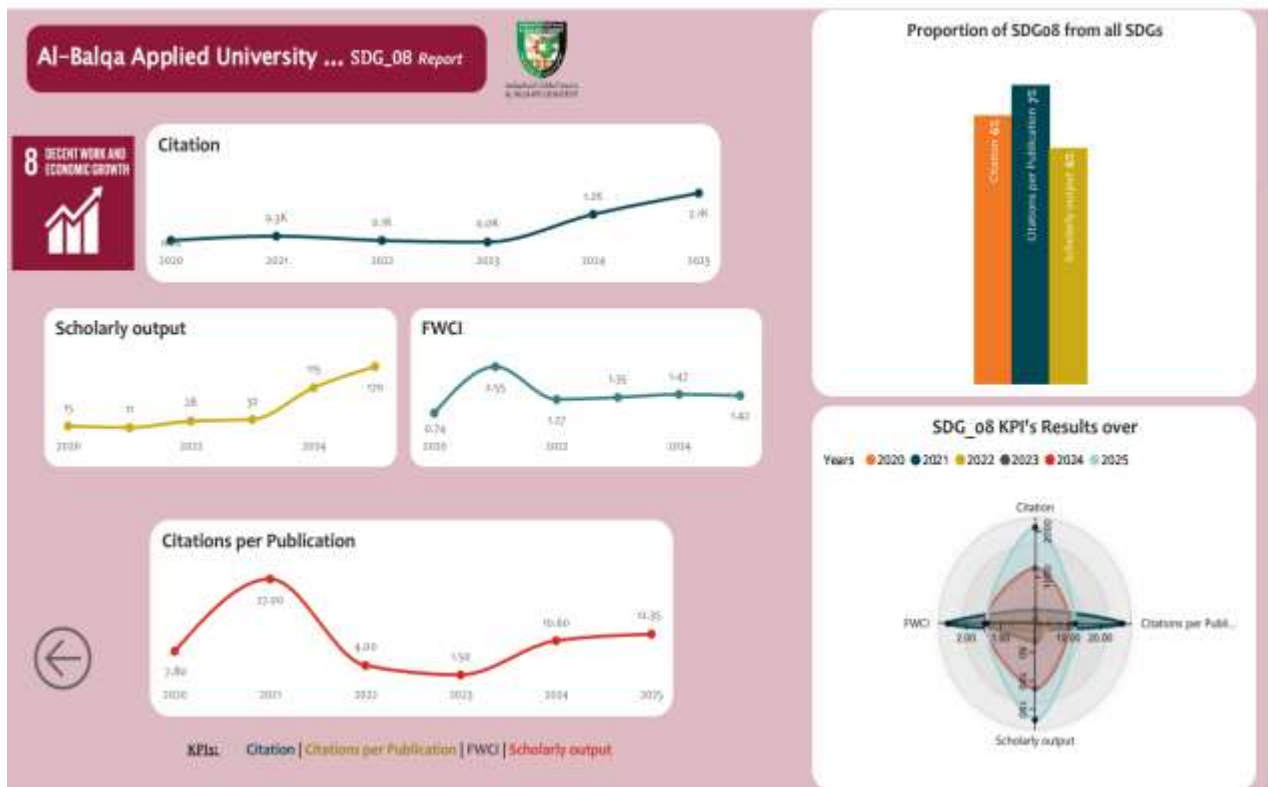
opportunities in Jordan. By focusing on the commercialization of research outputs, BAU is directly contributing to the country's economic modernization agenda. This vision, under the banner of "A Better Future," aims to accelerate growth, unlock Jordan's full economic potential, improve the quality of life for all citizens, and promote sustainability. Through these efforts, BAU is helping to drive a prosperous and sustainable future for Jordan.

EMPLOYMENT PRACTICES

BAU employs a diverse workforce comprising both academic and non-academic staff, all united in their commitment to advancing the university's mission of delivering high-quality education, research, and support services. To foster a dynamic and competitive work environment, BAU prioritizes the recruitment and retention of highly qualified professionals who bring expertise and innovation to their respective fields. BAU ensures that all employees have access to opportunities for professional growth and development while safeguarding their rights and well-being.

In alignment with the human rights principles and labor provisions enshrined in the Jordanian Constitution, BAU fully complies with national employment regulations, including the enforcement of a minimum wage policy. Furthermore, the university implements a structured salary scale that classifies remuneration based on managerial levels and job grades. This transparent framework not only promotes fairness and accountability but also reinforces BAU's commitment to protecting the rights and interests of its entire workforce.

SCIENTIFIC RESEARCH



[Publications at Al-Balqa Applied University within SDG8: Economic growth and Decent Work 2021 to 2025](#)

9 INDUSTRIES, INNOVATION AND INFRASTRUCTURE



At Al-Balqa Applied University (BAU), innovation and entrepreneurship lie at the heart of its strategy to promote sustainable industrialization and build resilient infrastructure. Through **the Innovation, Creativity, and Entrepreneurship Center**, BAU plays a vital role in translating ideas into impactful solutions that support Jordan's socio-economic development. The center serves as a hub for students, researchers, and startups, offering mentorship, incubation programs, and training opportunities that foster a culture of innovation and technological advancement.

By connecting academia with industry, the center encourages the development of entrepreneurial projects in key sectors such as smart agriculture, renewable energy, and digital technologies. It also provides students and young innovators with access to resources, expert guidance, and funding opportunities to help transform innovative ideas into viable, market-ready enterprises. Through these efforts, BAU not only contributes to achieving Sustainable Development Goal 9 (Industry, Innovation, and Infrastructure) but also strengthens Jordan's capacity for sustainable growth by empowering the next generation of entrepreneurs and innovators.

In alignment with Jordan's recent Economic Modernization Vision, which emphasizes strengthened collaboration with the private sector, BAU has outlined several key objectives aimed at fostering resilient infrastructure, sustainable industrialization, and innovation. These objectives include:

- Supporting and advancing scientific research focused on resilient infrastructure, sustainable industrialization, and innovation.
- Increasing the university's research income.
- Expanding the number of startups supported by the university.
- Creating an innovative educational environment that nurtures creativity and innovation.

These goals reflect BAU's commitment to responding to global trends while contributing to Jordan's Economic Modernization Vision.

PRACTICES

The university is deeply committed to fostering a dynamic and forward-thinking environment through active collaboration and strategic partnerships. These initiatives support students, faculty, researchers, and the local community by providing them with cutting-edge knowledge tools and advanced technological resources. These resources not only fuel innovative thinking but also encourage scientific research, while inspiring the development of entrepreneurial ventures.

BAU hosts several centers, including the Center for Innovation and Entrepreneurship, which offers a wide range of programs dedicated to entrepreneurship, innovation, and commercialization. These programs are pivotal in



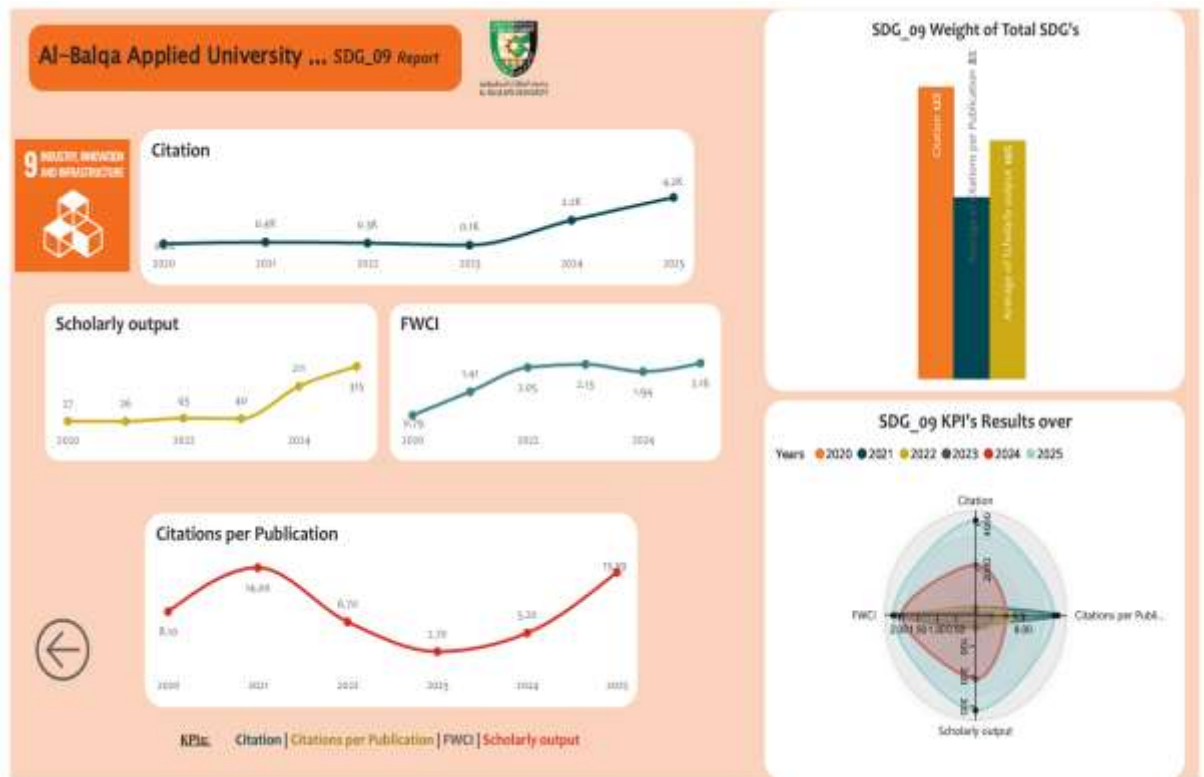
nurturing an entrepreneurial mindset and skillset among students and staff. As a result, the Center has significantly boosted student participation in entrepreneurship initiatives.

In addition to its internal efforts, BAU serves as a bridge, connecting governments, industries, and leading researchers to collaboratively address real-world challenges. Through these partnerships, the university plays a crucial role in developing practical solutions that drive innovation and help companies create new services and products. These solutions not only meet market demands but also contribute to the goals of sustainable industrialization.



Sample of Activities of Center for Innovation, Creativity and Entrepreneurship

SCIENTIFIC RESEARCH



[Publications at Al-Balqa Applied University within SDG 9: Industry, Innovation, and Infrastructure 2021 to 2025](#)

10 REDUCED INEQUALITIES

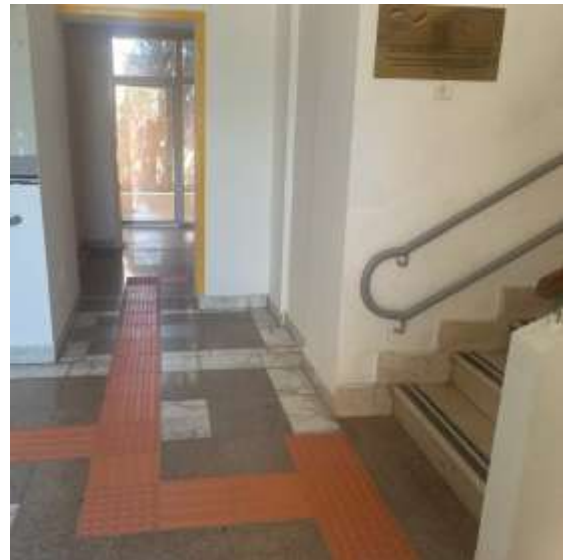


As societies and economies progress, the 10th Sustainable Development Goal (SDG) seeks to promote inclusivity, ensuring that no one is left behind. At BAU, we provide equal opportunities for all students. Through the implementation of comprehensive policies, procedures, and guidelines, we strive to support and integrate every student seamlessly. Moreover, our firm commitment to combating gender discrimination ensures equal access to education and employment opportunities.

In our efforts to reduce inequality globally, BAU has set the following objectives:

- **Advancing scientific research** aimed at addressing and reducing inequalities.
- **Empowering marginalized groups** to ensure their active participation in society.
- **Fostering a university culture** that prioritizes inclusivity and eliminates discrimination at all levels.

APPROACH AND PRACTICES



Corridors for Disabled Access



Disabled Parking



Maternity care

Al-Balqa Applied University (BAU) is deeply committed to fostering growth, excellence, and well-being among its students and faculty. Central to this commitment is the creation of a safe, sustainable, and healthy environment. The university implements comprehensive public safety and security policies, alongside advanced strategies to protect both individuals and property, enabling staff and students to perform effectively while contributing to BAU's mission.

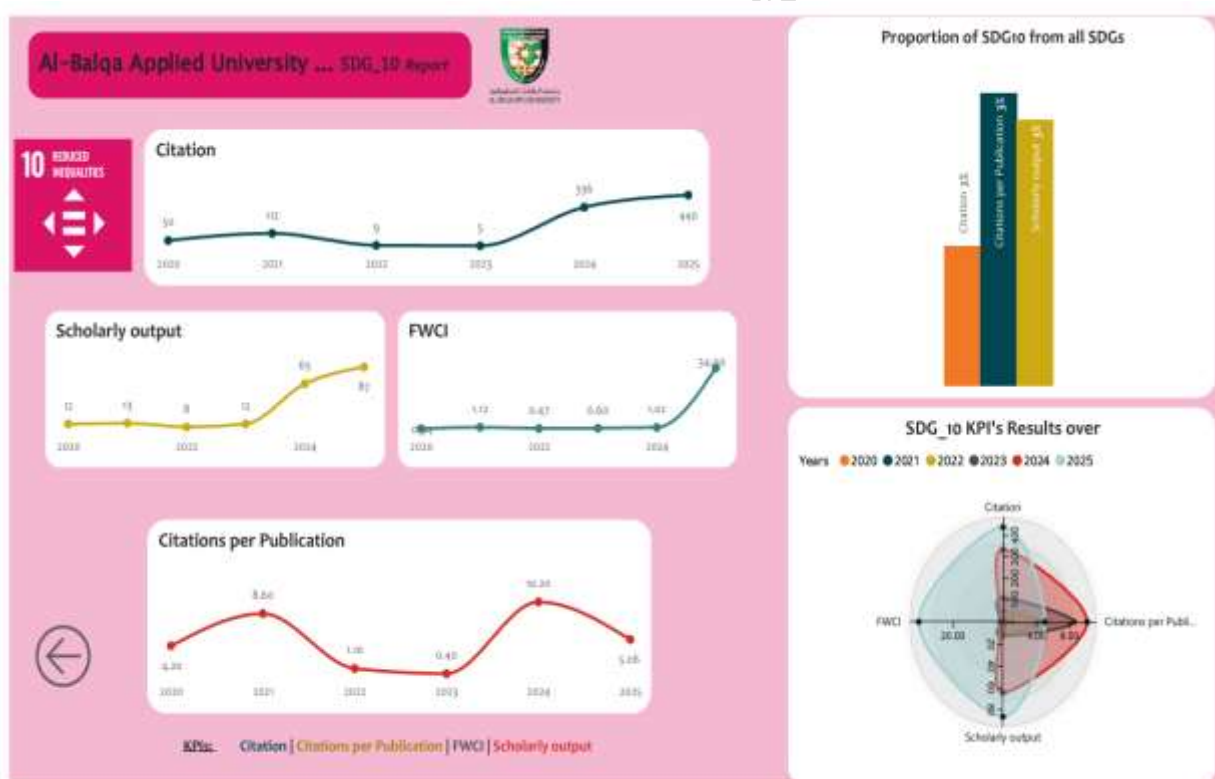
BAU has enacted legislation and protocols to prevent all forms of discrimination and to promptly address any reported incidents. These measures ensure a secure, supportive, and inclusive environment for learning and work, promoting equal opportunities across professional and educational pathways. Specialized facilities are provided to accommodate individuals with disabilities, special requirements, and maternity care, underscoring the

university's dedication to inclusivity and comprehensive support for diverse needs.

To further cultivate an inclusive and pioneering academic environment, BAU has developed a strategic approach that champions respect, support, and equal opportunity for all members of its community. This environment serves as a fertile ground for innovation, creativity, and impactful research, enhancing recruitment processes, research activities, teaching methodologies, and overall campus life.

Through this proactive strategy, BAU embeds Diversity, Equity, and Inclusion (DEI) into every facet of university life, ensuring that academic, administrative, and student communities experience equity, support, and empowerment at all levels.

SCIENTIFIC RESEARCH



[Publications at Al-Balqa Applied University within SDG 10: Reduced Inequality 2021 to 2025](#)

11 SUSTAINABLE CITIES AND COMMUNITIES



Al-Balqa Applied University (BAU) is steadfast in its commitment to global initiatives that promote progress, peace, and prosperity while preserving and celebrating community heritage, particularly in Al-Salt City, where its main campus is located.

In line with these principles, BAU is actively transitioning to green building practices. This dedication is exemplified in the construction of new buildings that integrate sustainable design features. These include centralized glass domes to harness natural light, energy-efficient LED lighting systems, and an architectural design emphasizing numerous double-glazed windows. These elements not only enhance natural daylighting but also improve ventilation, creating a healthier and more energy-efficient environment within university facilities.

BAU's vision of fostering Inclusive, Safe, Resilient, and Sustainable Cities and Human Settlements is reflected in the following objectives:

- **Promoting scientific research** focuses on sustainable urban development and communities.
- **Adopting sustainable practices**, particularly in affordable housing initiatives.
- **Partnering with local authorities** to address planning and development challenges.

IMPLEMENTATION

The implementation of Sustainable Development Goal (SDG) 11 at Al-Balqa Applied University (BAU) reflects its unwavering commitment to sustainable practices and community-focused development. Guided by the Ministry of Public Works and Housing's green building standards, BAU emphasizes constructing and renovating buildings to minimize reliance on artificial climate control. Key sustainable features include natural ventilation, LED lighting, water-saving faucets, smart building systems with automated doors and fingerprint access, and the use of metal cladding. These measures highlight BAU's proactive approach to energy efficiency and environmental stewardship.

BAU's partnership with the Jordanian Green Building Council further underscores its dedication to sustainability. This collaboration aims to implement cutting-edge sustainable building techniques, benefiting both BAU's campus and the wider community. The agreement facilitates the transfer of best practices for maintaining and restoring existing structures while ensuring new constructions adhere to eco-friendly and sustainable methodologies.

The university's student-led initiatives in As-Salt provide a practical demonstration of SDG 11 in action. Projects to repurpose and restore abandoned heritage buildings serve dual purposes: preserving cultural heritage and supporting sustainable urban development. These revitalized spaces are being transformed into educational institutions, libraries, and community centers, showcasing BAU's dedication to creating inclusive and sustainable infrastructure.

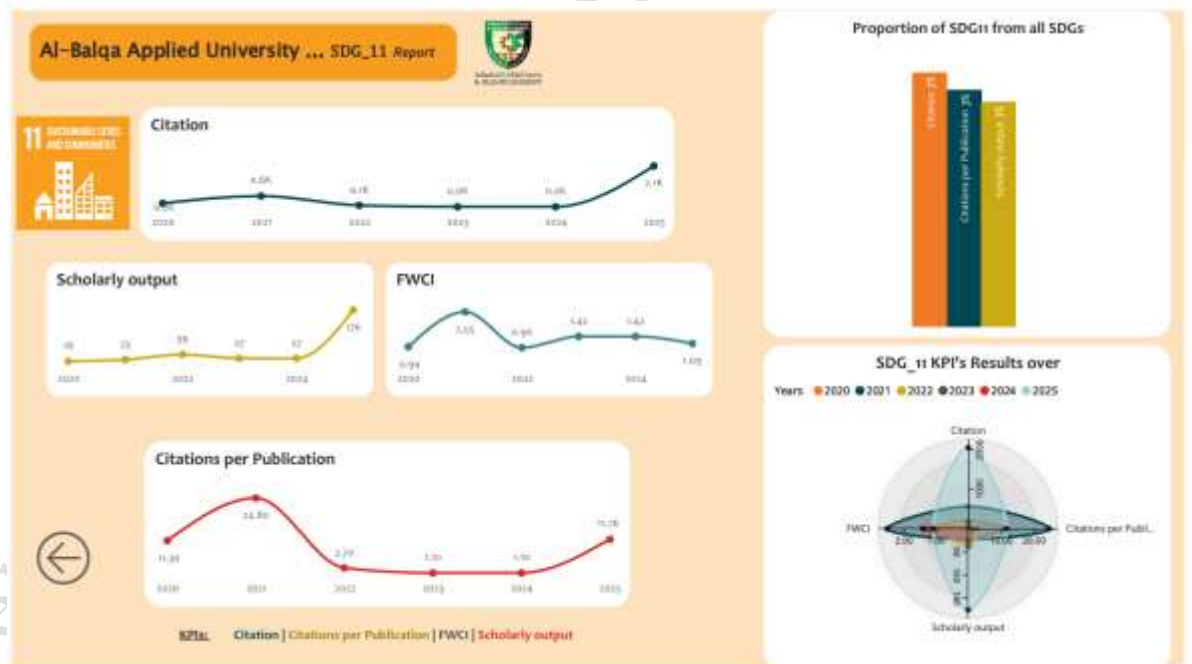
Through these comprehensive initiatives, BAU demonstrates a holistic approach to sustainable development. By integrating sustainable infrastructure, fostering community engagement, and adopting innovative practices, BAU reaffirms its commitment to achieving SDG 11 and contributing to a more sustainable and resilient future for both its campus and the surrounding communities.





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SCIENTIFIC RESEARCH



[Publications at Al-Balqa Applied University within SDG 11: Reduced Inequality 2021 to 2025](#)

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Achieving economic growth and sustainable development necessitates urgent action to minimize our ecological footprint. Sustainable Consumption and Production (SCP) are critical components of this effort, promoting resource and energy efficiency, sustainable infrastructure, equitable access to essential services, the creation of green and dignified jobs, and an enhanced quality of life for all. The implementation of SCP aligns with overarching development plans, reduces future economic, environmental, and social costs, enhances economic competitiveness, and contributes to poverty alleviation.

Jordan's significant demographic, agricultural, and industrial expansion has posed substantial challenges in waste management across various sectors. In response to these challenges, Al-Balqa Applied University (BAU) has developed a comprehensive waste management protocol grounded in regulatory legislation and institutional responsibilities. The protocol's primary aim is to significantly reduce landfill waste by adhering to the 4R

principles: Reduce, Reuse, Recycle, and Recovery.

Effective natural resource management and responsible disposal of toxic waste and pollutants are essential in this endeavor. Encouraging industries,



businesses, and consumers to adopt recycling and waste reduction practices is vital.

Equally important is supporting developing nations in transitioning toward more sustainable consumption patterns by 2030.

To align with these objectives, BAU has established specific goals to promote sustainability:

- **Conducting university-led scientific research** focused on Responsible Consumption and Production.
- **Developing and implementing** advanced waste management strategies and practices.
- **Reducing the university's reliance** on single-use plastics and paper.

IMPLEMENTATION

Al-Balqa Applied University (BAU) demonstrates its unwavering commitment to sustainability through its architectural achievements, exemplified by the university library and the Prince Abdullah Ben Ghazi Faculty of Information Technology building. These structures are paragons of sustainable design, incorporating cutting-edge facades with double glazing and advanced energy-efficient heating and cooling systems. These innovations significantly reduce energy consumption for temperature regulation, further optimized through meticulous resource metering systems that enhance the efficient use of energy and water. Additionally, BAU is transitioning toward clean energy sources for heating, gradually phasing out traditional fuel reliance, supported by its expansive solar energy project at Hamrat Al Sahn.



Compost Production Workshop



Smart Agriculture Producing Organic Compost Training Course



BAU is also prioritizing waste reduction across its campus, with a particular focus on minimizing the use of paper, cardboard, and plastics. The university aims to decrease greenhouse gas emissions, reduce landfill dependency, and extend landfill lifespans, mitigating negative environmental impacts on air, soil, and water. This commitment is underpinned by a comprehensive mix of short- and long-term policies, including:

Activation of Electronic Correspondence: Implementing a robust email and digital communication system to advance the university's vision of becoming paperless.

Adoption of E-learning Systems and Digital Testing: Transitioning educational practices to electronic platforms, reducing paper dependency.

Phasing Out Disposable Items: Gradually eliminating the use of paper cups and bottled water on campus.

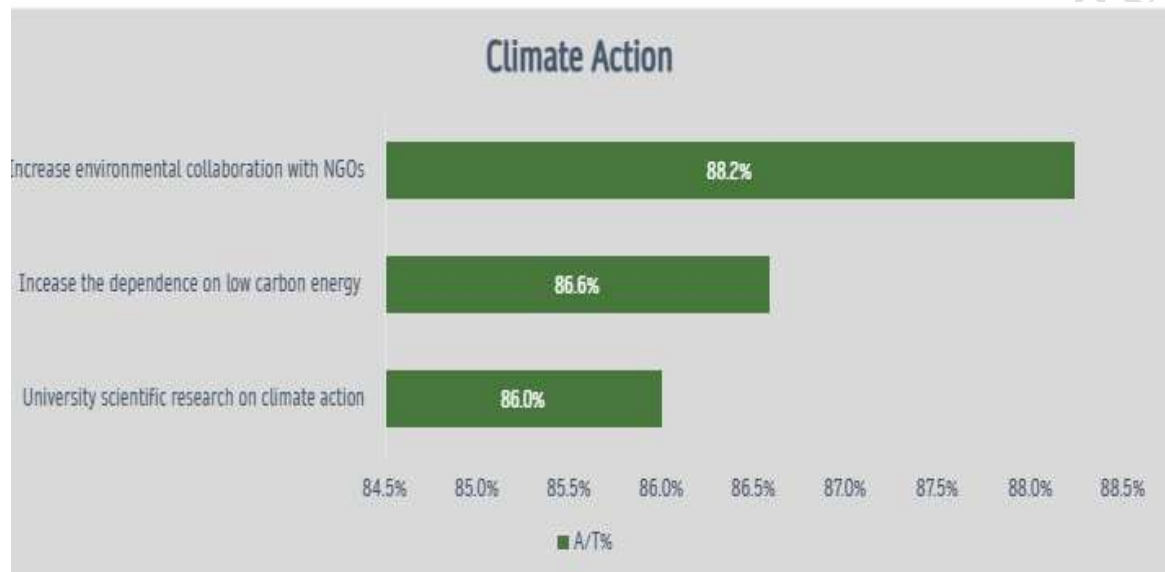
Through these strategic initiatives, BAU not only fosters a more sustainable campus environment but also sets a benchmark for environmentally responsible practices in higher education.

Al-Balqa Applied University (BAU) operates across Jordan's diverse climatic regions, driving its proactive approach to addressing climate variability and fostering climate adaptation. BAU plays a pivotal role in advancing innovative solutions, including water conservation, drought research, capacity-building programs, and technology transfer initiatives. These efforts encompass solar energy advancements, wastewater treatment for reuse, and the adoption of smart agricultural practices.

BAU has developed specialized academic programs in fields such as smart agriculture, water treatment, smart infrastructure, and electric and hybrid vehicle technologies. Complementing these efforts, the university actively conducts awareness campaigns to educate the community on climate change and its implications.

BAU's commitment to Action to Combat Climate Change is reflected in the following key objectives:

- **Advancing University-Led Scientific Research:** Focusing on climate change mitigation and adaptation.
- **Promoting Low-Carbon Energy Solutions:** Expanding the use of renewable and sustainable energy sources.
- **Enhancing Environmental Collaboration:** Strengthening partnerships with governmental and non-governmental organizations to drive climate action initiatives.



[*Strategic Achievement for SDG13/2025*](#)

EDUCATION AND OUTREACH

BAU actively fosters environmental and climate literacy among its students, equipping them with the knowledge and skills needed to understand the far-reaching effects of climate change and to develop effective mitigation and adaptation strategies. A diverse range of academic programs at both undergraduate and postgraduate levels has seamlessly integrated climate variability and change into their

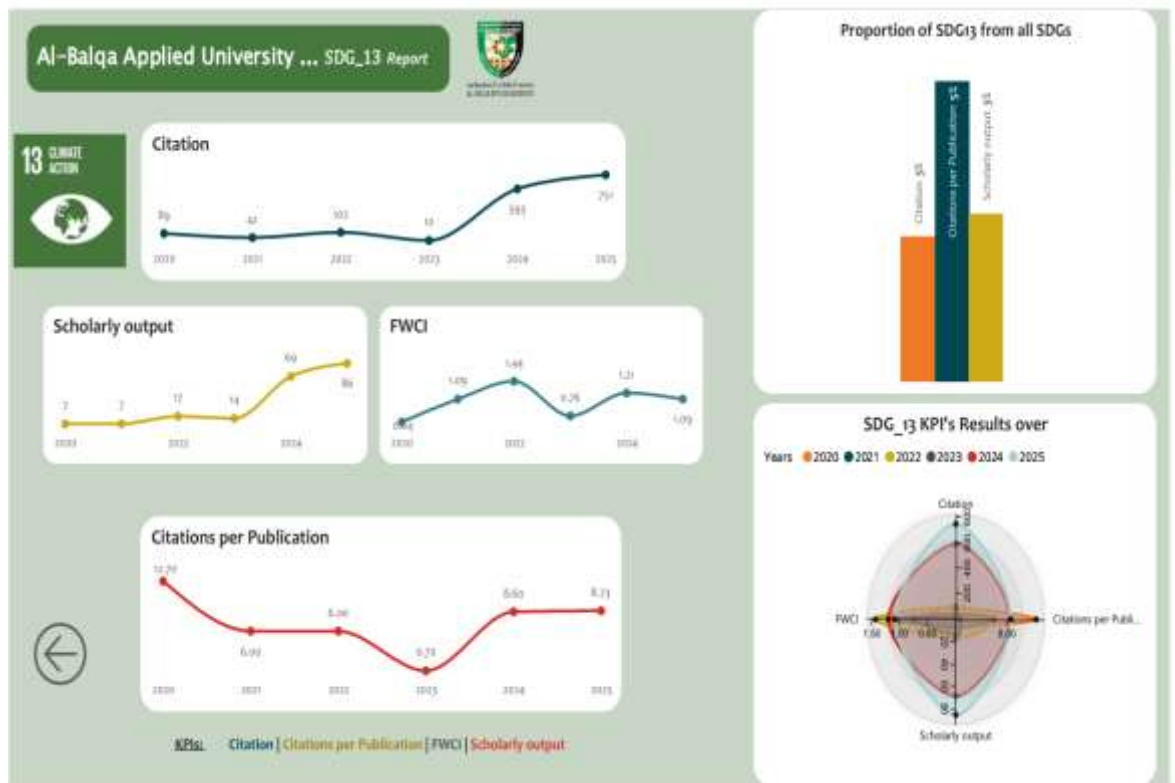


curricula. Fields such as civil engineering, water resources management, water treatment engineering, smart buildings, renewable energy technologies, environmental management, and disaster management have been thoughtfully adapted to include these vital topics, ensuring they are deeply embedded in course content. In addition, BAU is home to advanced research laboratories and specialized research groups that focus on renewable energy technologies and strategic management tools. These initiatives aim to address greenhouse gas emissions and other climate-related challenges, blending technological innovation with strategic solutions to drive impactful climate action.

PRACTICES

BAU is actively combating climate change by implementing a range of measures to reduce its carbon footprint and greenhouse gas emissions. These efforts include incorporating green building principles and smart building technologies, transitioning progressively to renewable energy sources, promoting organic composting, and increasing the cultivation of drought-tolerant plants. Additionally, BAU leverages cloud computing applications to enhance efficiency and sustainability and strengthens its commitment through national and international agreements aimed at advancing climate action and environmental stewardship.

SCIENTIFIC RESEARCH



[Publications at Al-Balqa Applied University within SDG 13: Climate Action 2021 to 2025](#)

The reliance of many nations on marine and coastal biodiversity for sustenance is indisputable. However, we are facing a sobering reality: 30% of the world's fish stocks are overexploited, falling below sustainable yield levels. Oceans, which absorb approximately 30% of human-produced carbon dioxide, have experienced a troubling 26% increase in acidification since the industrial revolution. Additionally, marine pollution predominantly from land-based sources has escalated alarmingly, with an average of 13,000 pieces of plastic litter per square kilometer of ocean.

14 LIFE BELOW WATER



With the global population projected to reach 9.1 billion by 2050 and the intensifying impacts of climate change, the sustainable use of water and ecosystems for food security presents a monumental challenge. BAU recognizes the critical importance of understanding the intricate interplay between terrestrial and aquatic ecosystems and their profound impact on water availability and quality. The uncertain consequences of climate change on ecosystems—and their cascading effects on water and food security underscore significant concerns. Projections indicate increased vulnerability to environmental damage, diminished ecosystem services, and reduced resilience, demanding urgent action and innovative solutions.

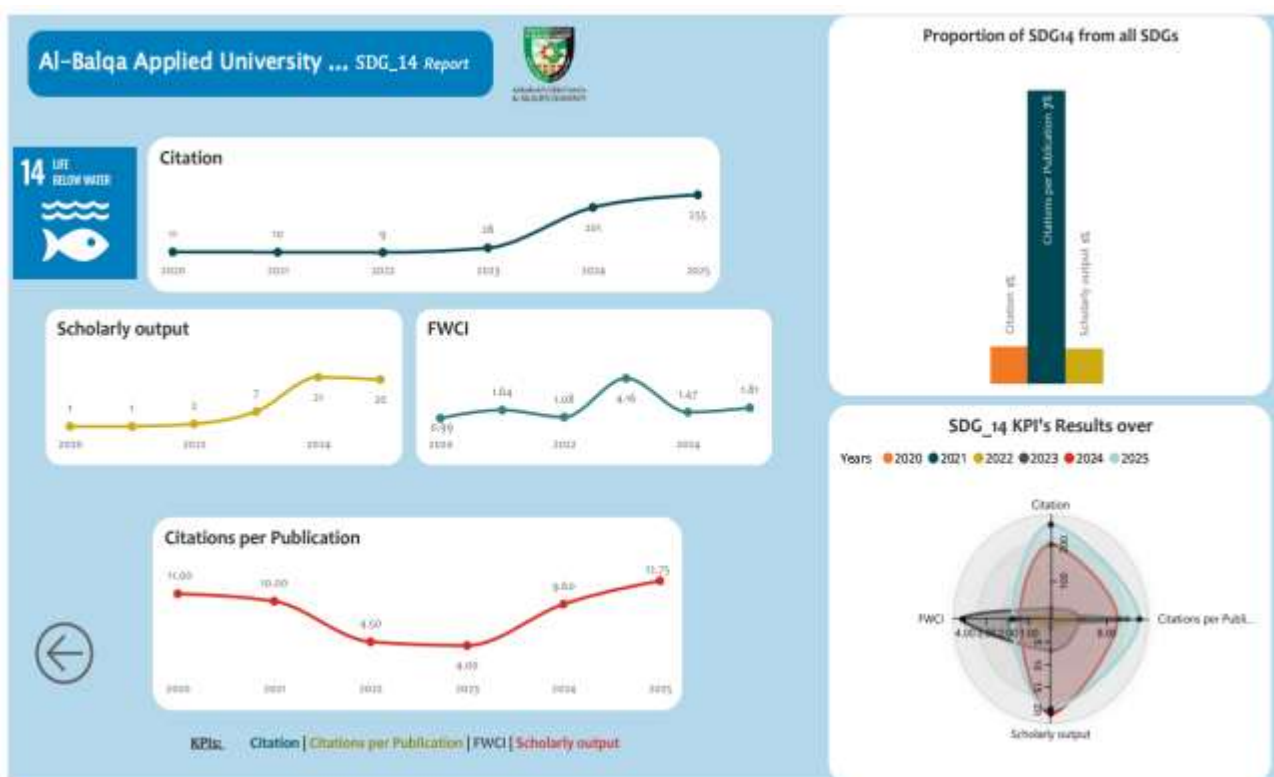
PRACTICES

BAU has established a dedicated policy for Food from Aquatic Ecosystems, designed to ensure the provision of food for the university community without compromising the ability of future generations to meet their needs. This policy emphasizes the preservation of biodiversity as a cornerstone for maintaining marine sustainability.

In alignment with its commitment to **Conserving and Sustainably Using the Oceans, Seas, and Marine Resources for Sustainable Development**, BAU has outlined the following key objectives:

1. **Advancing Scientific Research:** Supporting and fostering research initiatives in fields related to marine and aquatic ecosystems.
2. **Promoting Education on Aquatic Ecosystems:** Integrating education programs focused on life below water to raise awareness and understanding of marine conservation.
3. **Reducing Water Pollution:** Actively working to prevent water pollution as a means to support and sustain aquatic ecosystems.

SCIENTIFIC RESEARCH



[Publications at Al-Balqa Applied University within SDG 14: Life Below Water \(2021-2025\)](#)



BAU is deeply committed to advancing the 15th Sustainable Development Goal (Life on Land) through a strategic focus on scientific research, educational program development, and sustainable resource management. The university's efforts aim to preserve and restore terrestrial ecosystems, combat deforestation, and actively rehabilitate degraded forests. Initiatives include addressing desertification, revitalizing degraded lands, conserving ecosystems, and safeguarding biodiversity and genetic resources while ensuring equitable benefit-sharing.

BAU also prioritizes preventing poaching and the trafficking of protected species, mitigating the introduction of invasive alien species into ecosystems, and embedding the intrinsic values of ecosystems and biodiversity into governmental policies and planning.

To demonstrate its commitment to Protect, Restore, and Promote Sustainable Use of Terrestrial Ecosystems, Sustainably Manage Forests, Combat Desertification, Halt and Reverse Land Degradation, and Stop Biodiversity Loss, BAU has established the following goals:

- **Advancing Scientific Research:** Conducting university-led research to promote sustainable land practices and ecosystem conservation.
- **Educational Initiatives:** Supporting educational programs that emphasize the importance of land ecosystems.
- **Biodiversity Conservation:** Preserving and expanding the biodiversity within existing ecosystems.
- **Community Collaboration:** Strengthening partnerships with local communities to foster sustainable land use practices and conservation efforts.

EDUCATION AND RESEARCH STATIONS

BAU has established robust policies to ensure that the food served on campus aligns with the principles of sustainable farming. By adopting a conscientious approach to nourishment, BAU implements stringent guidelines and practices that prioritize environmental conservation, ethical farming, and the well-being of its community. Through these dedicated policies, BAU demonstrates a strong commitment to not only providing a nutritious dining experience but also fostering responsible stewardship of the land and its resources.

At the Agricultural Research Station, BAU has solidified its dedication to sustainable food production practices. The station is home to ten thriving greenhouses, cultivating a variety of crops such as tomatoes, cucumbers, and bell peppers using environmentally harmonious methods. In addition to these staples, the station also grows tropical fruits like dragon fruit, further exemplifying its commitment to diversifying produce in a sustainable manner. Significantly, the station has eliminated the use of chemical fertilizers, opting instead for eco-friendly practices such as on-site composting to enrich the soil while minimizing environmental impact.

A thriving community of 160 honeybee hives further underscores the station's holistic approach to agriculture. These hives produce around 500 kilograms of honey, 300 grams of royal jelly, and 100 kilograms of pollen, showcasing the harmonious relationship between agricultural practices and the surrounding ecosystem. This success at BAU's Agricultural Research Station stands as a testament to the university's unwavering commitment to sustainable, ethical, and productive farming practices.

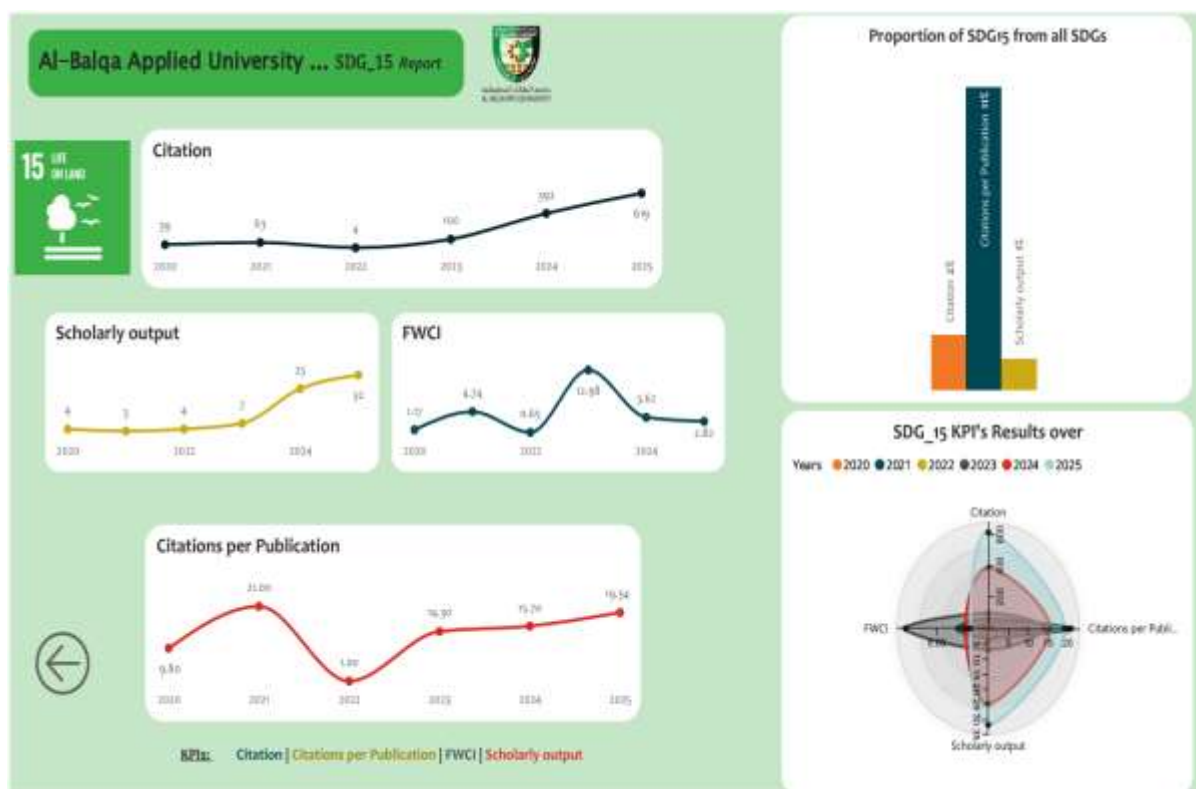


Memorandum of Understanding between Al-Balqa Applied University and the Islamic Network for Water Resources Development and Management (Water Harvesting and Afforestation) in the areas of Hamrat Al-Sahen and Al-Aridah street



General View of Princess Tasnim Station

SCIENTIFIC RESEARCH



[Publications at Al-Balqa Applied University within SDG 15: Life on Land 2021-2025](#)

16 PEACE, JUSTICE AND STRONG INSTITUTIONS



Achieving sustainable development relies on peace, stability, human rights, and effective governance rooted in the rule of law. Unfortunately, our world is becoming increasingly fragmented. While some regions thrive in peace, security, and prosperity, others face ongoing cycles of conflict and violence. This divide is not inevitable and requires urgent action.

The Sustainable Development Goals (SDGs) aim to significantly reduce all forms of violence and work with governments and communities to end conflicts and enhance security. At the core of this effort is the promotion of the rule of law and human rights, along with efforts to curb the illicit flow of arms and strengthen the participation of developing nations in global governance.

Jordan is committed to improving its regional and international standing by combating corruption across various sectors, eliminating all forms of abuse and violence, advancing the rule of law, and ensuring equitable access to justice for all. These efforts are essential steps toward creating a more peaceful and just world.

Al-Balqa Applied University (BAU) is dedicated to fostering inclusive and peaceful societies for sustainable development. It aims to ensure that everyone has access to justice and to build inclusive institutions at all levels. BAU has set several objectives to support these goals, including:

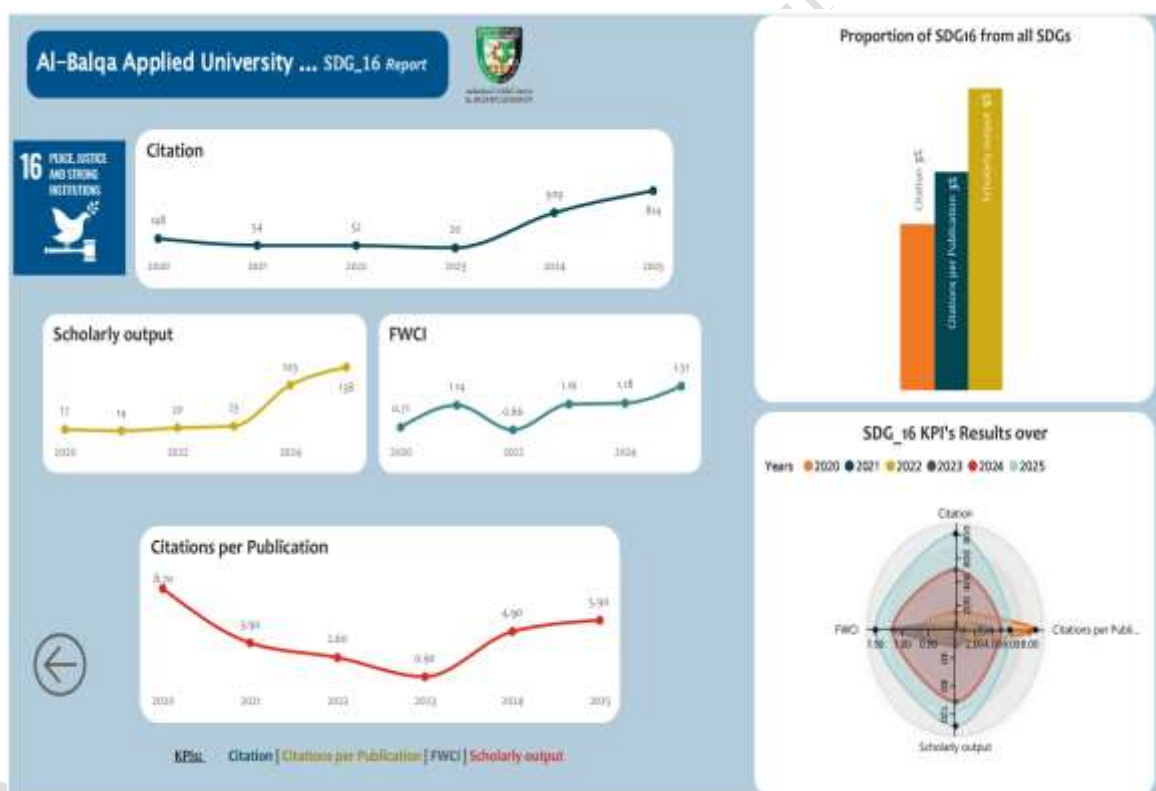
1. **Conducting scientific research** on peace, justice, and strong institutions.
2. **Supporting the freedom** of the university community.
3. **Committing to transparency and combating corruption.**

PRACTICES

Al-Balqa Applied University takes great pride in promoting diversity and equity among all members of its community, while steadfastly upholding the principles of peace and justice. This commitment not only involves recognizing past pain and loss but also embracing the possibilities of hope and new opportunities for growth, with the ultimate goal of benefiting others and, in turn, us.

BAU's governance model is rooted in the recognition of student unions and their active participation in university councils. By championing academic freedom and fostering an environment of diversity and equity, the university consistently engages local stakeholders and upholds the core values of peace and justice within the community.

SCIENTIFIC RESEARCH



[Publications at Al-Balqa Applied University within SDG 16: Peace, Justice and Strong Institution 2021 to 2025](#)

17 PARTNERSHIPS FOR THE GOALS



Al-Balqa Applied University (BAU) is fully committed to advancing the United Nations Sustainable Development Goals (UN-SDGs) and has adopted a policy of sustainable continuous improvement. This policy is designed to integrate the SDGs into all of the university's strategic and action plans through a variety of initiatives, projects, and programs.

BAU plays an active and influential role in shaping and supporting national and regional SDG policy development through direct collaboration with government institutions and non-governmental organizations. The university contributes to identifying key challenges, formulating effective strategies, and monitoring progress across

UNAI SDG Hub 4



the social, economic, and environmental dimensions, thereby strengthening its role in policy formulation, adaptive management, and evidence-based decision-making that advance progress toward the Sustainable Development Goals (SDGs).

BAU works closely with national, regional, and international partners, including the European Union (EU), GIZ, KOICA, and UNESCO, to develop Technical and Vocational Education and Training (TVET) policies in Jordan. At the national level, BAU actively participates in policy committees and initiatives in cooperation with the Ministry of Public Works, the Ministry of Higher Education and Scientific Research, and other relevant stakeholders to promote sustainable development and policy innovation.

To strengthen the means of implementation and revitalize the Global Partnership for

Sustainable Development, BAU has set the following goals:

- **Building national and international partnerships to support the SDGs.**
- **Increasing international collaboration and data collection for the SDGs.**
- **Expanding publications related to the SDGs.**
- **Promoting meaningful education on the SDGs throughout the university.**

PRACTICES

BAU is strongly committed to Sustainable Development Goal 17 (Partnerships for the Goals), recognizing that collaboration is essential for achieving the broader SDGs. The university actively fosters partnerships with national and international organizations, government agencies, NGOs, and the private sector, creating synergies that amplify the impact of sustainable development initiatives.

BAU's commitment is reflected through its involvement in diverse cross-sectoral dialogues and collaborative projects aimed at addressing global challenges. For instance, BAU works closely with the United Nations High Commissioner for Refugees (UNHCR) and other stakeholders to form the Higher Education Alliance for Refugees in Jordan, facilitating refugee access to



tertiary education and aligning with SDG 4 (Quality Education) and SDG 10 (Reduced

Inequalities). Additionally, partnerships with the Ministry of Social Work enhance student education and training in social work, further supporting SDG 4.

As a catalyst for regional and global collaboration, BAU contributes to drafting national policies on social work and poverty reduction, advancing SDG 8 (Decent Work and Economic Growth) and SDG 17. The university also collaborates with organizations such as GIZ and JICA to improve technical education, student employability, and educational quality.

BAU's engagement extends to environmental sustainability, partnering with the Ministry of Environment and participating in the drafting of the 3rd National Environmental Report, advancing SDG 13 (Climate Action) and SDG 15 (Life on Land). The university also organizes and participates in key conferences such as the Future of Sustainability in Business and Environment and the International Oil Shale Conference—bringing together experts and policymakers from over 20 countries to exchange knowledge and strengthen global partnerships.

Collaboration with local and international NGOs, including INWARDIM and NAMA, promotes sustainable land management and empowers women and youth, contributing to SDGs 5, 15, and 17. Through public lectures, training programs, and community events, BAU encourages innovation, civic engagement, and practical solutions for critical SDG issues in health, ecosystems, agriculture, and sustainability.

Through this extensive network of partnerships, BAU plays a pivotal role in advancing the global SDG agenda. Its integrated efforts in research, capacity building, curriculum development, and community engagement ensure that SDG 17 serves not just as a goal, but as a driving force for transformative change locally, regionally, and internationally.

Published by:

Development and Quality Assurance Center (DQAC_2025)

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