



Sustainable Development Goals Report_2024

Al Balqa Applied University

Development and Quality Assurance Centre

جامعة البلقاء التطبيقية

حوضي من عدن ... إلى عمان البلقاء



<u>Contents</u>	
	Page
<i>FOREWORD</i>	3
<i>OUR STRATEGIC RESPONSE</i>	4
<i>INTRODUCTION:</i>	6
<i>SDG1: NO POVERTY</i>	7
<i>SDG2: ZERO HUNGER</i>	11
<i>SDG3: GOOD HEALTH AND WELLBEING</i>	14
<i>SDG4: QUALITY EDUCATION</i>	17
<i>SDG5: GENDER EQUALITY</i>	24
<i>SDG6: CLEAN WATER AND SANITATION</i>	27
<i>SDG7: AFFORDABLE CLEAN ENERGY</i>	31
<i>SDG8: DECENT WORK AND ECONOMIC GROWTH</i>	36
<i>SDG9: INDUSTRY, INNOVATION, AND INFRASTRUCTURE</i>	39
<i>SDG10: REDUCED INEQUALITIES</i>	43
<i>SDG11: SUSTAINABLE CITIES AND COMMUNITY</i>	46
<i>SDG12: RESPONSIBLE CONSUMPTION AND PRODUCTION</i>	50
<i>SDG13: CLIMATE ACTION</i>	53
<i>SDG14: LIFE BELOW WATER</i>	57
<i>SDG15: LIFE ON LAND</i>	60
<i>SDG16: PEACE, JUSTICE, AND STRONG INSTITUTIONS</i>	65
<i>SDG17: PARTNERSHIP FOR THE GOALS</i>	68

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 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

Al-Balqa Applied University (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:

Al-Balqa Applied University has embraced a sustainability-focused approach dedicated to continuous improvement, with a mission to integrate the Sustainable Development Goals (SDGs) into its core strategies and operations. This commitment has led to transformative initiatives, projects, and programs across the university and its faculties. Through effective resource management, innovative teaching practices, dedicated research efforts, and strong national and international partnerships, BAU is actively reshaping its identity.

To further its contributions to the United Nations' SDGs, the university established a dedicated [Sustainability Office](#) and has implemented exemplary practices that have gained international recognition. Notably, in the past year, BAU achieved the top rank nationally, and at Arab region, in addition to that it placed **52nd** globally in the **2023 UI GreenMetric World University Rankings**.

Aligned with the **17 Sustainable Development Goals (SDGs)**, these benchmarks provide a

framework to inspire impactful actions for both humanity and the planet. Embracing these goals allows organizations worldwide to evaluate their contributions and set priorities for future progress.

Al-Balqa Applied University (BAU) is unwavering in its commitment to empowering students as change-makers, community leaders, and responsible global citizens. Faculty and students are deeply engaged in sustainability-focused education, with numerous courses, programs, and research projects dedicated to advancing SDG principles through teaching, learning, and exploration.

In line with the [Strategic Plan 2021-2025](#), BAU is pioneering innovative approaches through a spectrum of activities, projects, and programs. These initiatives encompass training, research endeavors, and active involvement in social and public engagement, all directed towards attaining the Sustainable Development Goals (SDGs) outlined in the [UN 2030 Agenda for Sustainable Development](#).

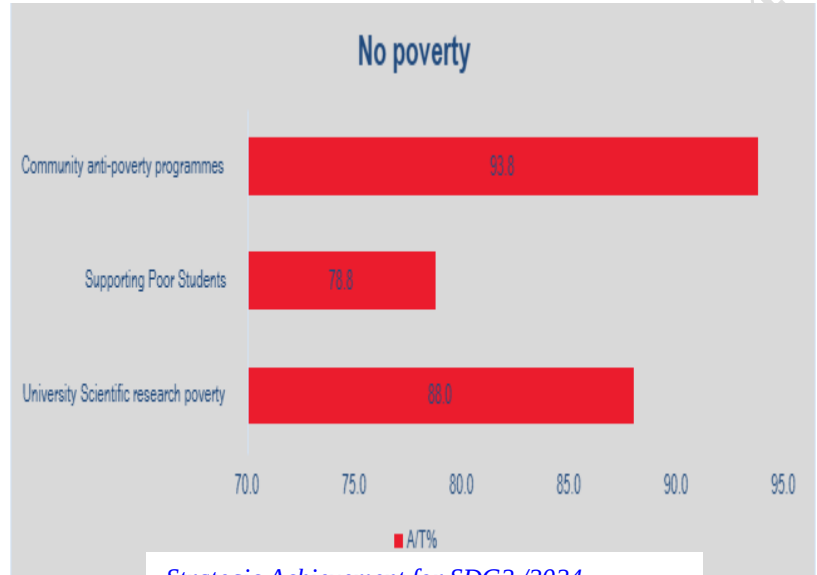


End All Forms of Poverty Everywhere:

Al-Balqa Applied University (BAU) is strongly committed to supporting the local community. To uphold this commitment, BAU has realigned its strategy, policies, and governance to fully embrace and implement the **Sustainable Development Goals (SDGs)**, with a particular focus on **Goal 1: No Poverty**. Leveraging its broad geographical reach, BAU is making a meaningful impact on poverty alleviation efforts.

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:



[Strategic Achievement for SDG2 /2024](#)

- **Advancing scientific research** focused on combating poverty.
- **Supporting economically disadvantaged students** to help them complete their education and overcome difficult circumstances.
- **Actively participating in and contributing to poverty alleviation programs.**

SUPPORT & FINANCIAL AID

Al-Balqa Applied University (BAU) has implemented a range of initiatives to support low-income students, leveraging both internal resources and partnerships with the **Ministry of Higher Education and Scientific Research (MOHE)** as well as local community organizations. BAU offers assistance through its dedicated **Student Support Fund**, which is designed to aid students facing financial challenges.

Additionally, BAU contributes to the **Poor Student Support Fund** under MOHE, which provides financial aid to students across all Jordanian universities. To

date, approximately **60% of students** have benefited from grants and loans.

BAU takes a leading role in contributing to the global efforts supporting the education of low-income countries students and refugees who have sought refuge in Jordan, the "**Land of Peace**." Through a variety of scholarships, **BAU** provides these students with access to its academic programs and campus facilities, supporting their academic and personal growth. **The university** has also strengthened its partnerships with international organizations, the European Union, donor agencies, and other institutions, enhancing its ability to provide resources and opportunities and fostering an inclusive environment for students from diverse backgrounds.

اللقاء التطبيقية ومفوضية اللاجئين توقعان مذكرة تفاهم ل إنشاء تحالف لزيادة نسبة إلتحاق الطلبة اللاجئين ببرامج
التعليم العالي
(1293 مشاهدات) (0 تعليقات)



AFFORDABLE HOUSING AND EDUCATION RESOURCES

BAU has introduced targeted support programs specifically designed to assist female students facing financial challenges. In addition, the university has reduced tuition fees for its master's programs and waived fees for English language course materials, easing the financial burden for students pursuing advanced degrees. Notably, BAU has also taken steps to standardize tuition fees for international students enrolled in parallel programs, aligning them with those of Jordanian students and promoting greater equity across its student community.

توقيع مذكرة تفاهم للتدريب بين التنمية الاجتماعية والبقاء التطبيقية

(1504 مشاهدات) (0 تعليقات)

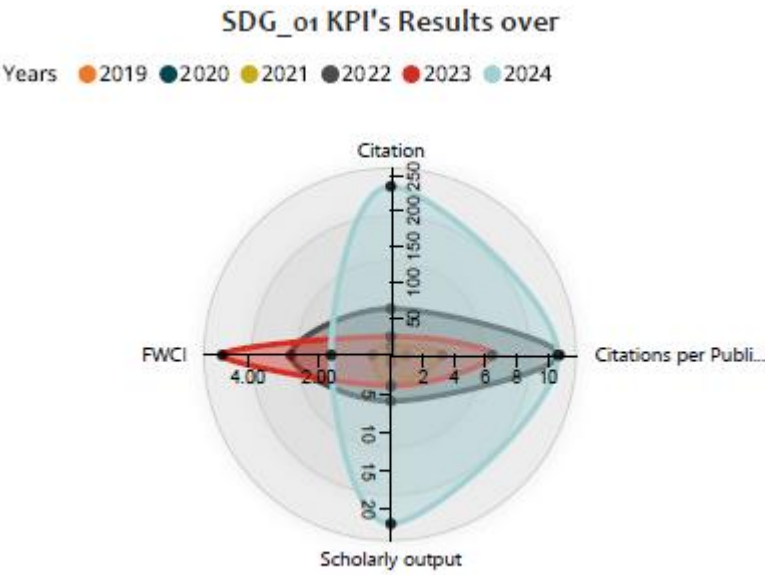


LOCAL COMMUNITY

The university is deeply engaged in a wide range of initiatives and projects aimed at empowering local community groups to launch and sustain their own ventures. These efforts include logistical support and specialized training programs that equip these groups with essential skills to market their products and boost visibility. To this end, **BAU** helps establish sales points and organizes events such as festivals and bazaars, creating platforms for these groups to showcase their offerings. Notable events include the Pomegranate Festival and the Black Iris Festival, along with periodic bazaars held across various regions of the country.



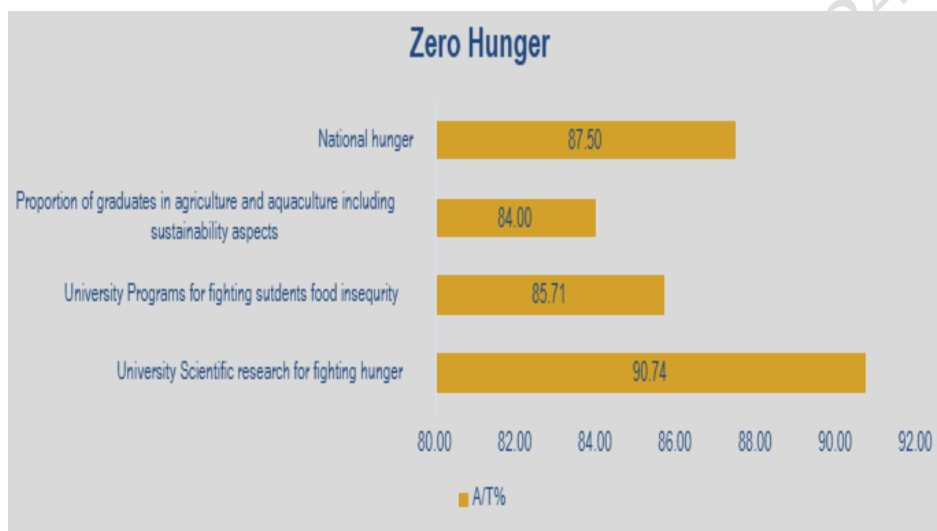
Furthermore, **BAU** demonstrates its commitment to supporting all segments of the community by organizing events specifically for orphans and the underprivileged. These efforts include charitable activities, free medical services, and initiatives focused on meeting essential needs.



End Hunger, Achieve Food Security:



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.

[Strategic Achievement for SDG2 /2024](#)

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:

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

PRACTICES

BAU is actively working to achieve the **2nd Sustainable Development Goal (Zero Hunger)** through the development of productive farm stations, such as the **Princess Tasnim Station**, which includes a variety of fruit trees, vegetables, and livestock. The university then sells these farm products at affordable prices to the local community, ensuring access to fresh, nutritious food. Additionally, **BAU** operates



cafeterias and kiosks on campus, offering food products at controlled and monitored prices. This year, the university opened a main restaurant that provides healthy and affordable food choices for all campus members.

To further its commitment, **BAU** established a **Smart Agriculture Unit** within the **Faculty of Agricultural Technology**. This unit serves as a training center for students, alumni, and the local community, teaching them how to set up cost-effective gardening units for vegetable cultivation. This initiative not only supports supplementary family income but also ensures households have access to nutritious food.

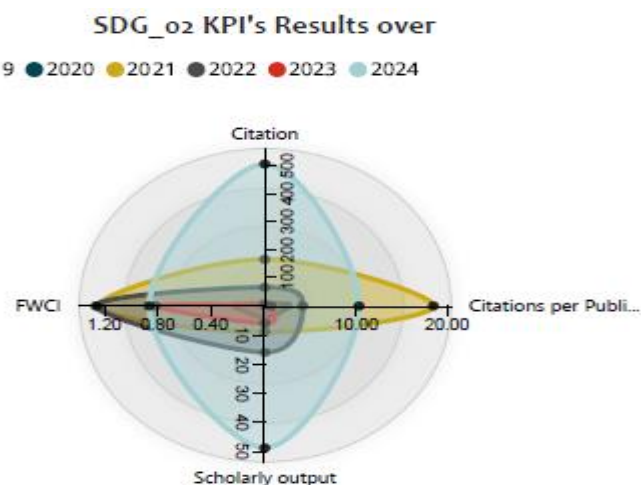


Additionally, the university has opened a **restaurant** that offers a **wide variety of meals to students and staff** at discounted prices, thereby contributing to food security by ensuring students have access to affordable meal options.



SCIENTIFIC RESEARCH SOLUTIONS

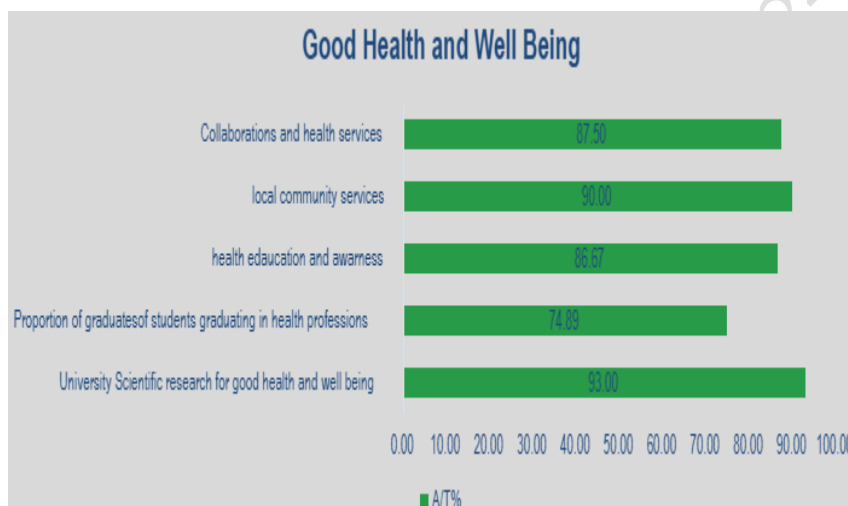
In addition to **Princess Tasnim Station**, which facilitates the implementation of both local and international projects while transferring global experiences, best practices, and research related to food and agricultural security, the university also manages extensive protected natural areas. These areas preserve valuable plant and animal genetic resources and include ecosystems that host medicinal plants, wild animals, and bird habitats. These ecosystems are carefully monitored and safeguarded from hunting, disturbances, and other forms of human intervention.



Good Health and Well-Being



Al-Balqa Applied University (BAU) remains steadfast in its commitment to advancing the Sustainable Development Goals, particularly in promoting Good Health and Well-being. To achieve this, **BAU** has established collaborations with various health institutions, including a key partnership with the **Ministry of Health**, aimed at enhancing public health services and providing healthcare support to underserved communities. These initiatives encompass a broad range of health and well-being services, addressing the diverse needs of the population



[Strategic Achievement for SDG3 /2024](#)

BAU has outlined several sub-goals aimed at promoting well-being and ensuring healthy lives in Jordan:

- **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.

البلقاء، التطبيقية : افتتاح مؤتمر ومعرض التغذية العلاجية الأردني لعام 2024 تحت شعار مقاومة الإنسولين: إستراتيجيات العلاج وإدارة الصحة الشاملة.

(640 مشاهدات) (0 تعليقات)



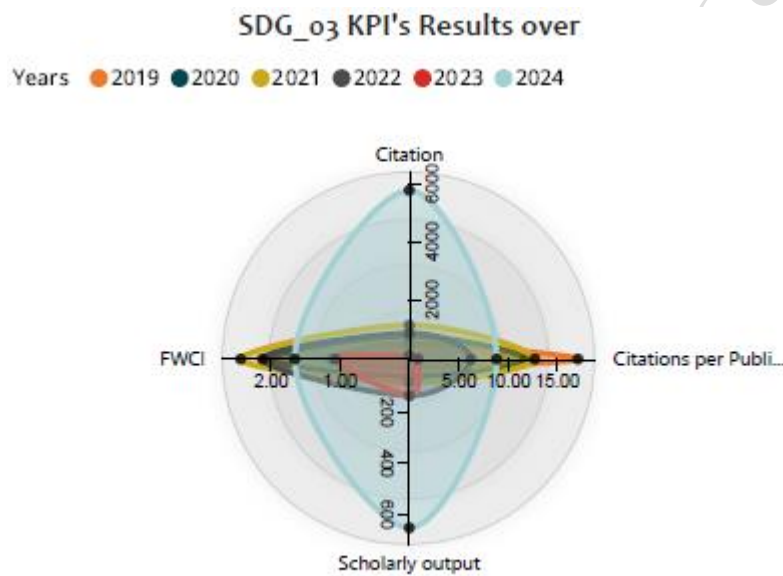
كلية الزرقاء الجامعية تشارك في اليوم الطبي المجاني لأهالي مخيم السخنة

(475 مشاهدات) (0 تعليقات)



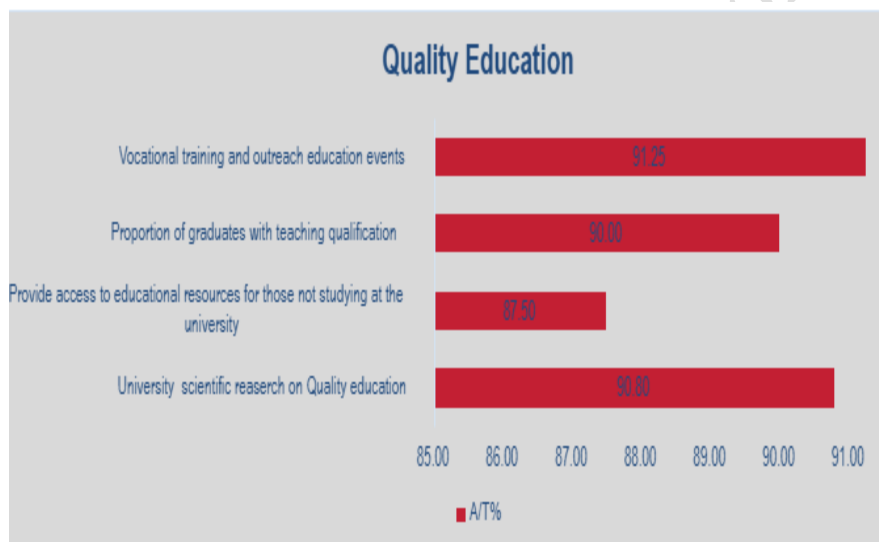
SCIENTIFIC RESEARCH SOLUTIONS

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.



Al-Balqa Applied University is actively working towards achieving the **4th Sustainable Development Goal (Quality Education)** by

promoting inclusive learning opportunities. Our goal is to enhance competencies, skills, and abilities across diverse populations, regardless of gender, race, or religion. We are committed to ensuring that education is accessible to all, fostering lifelong learning through flexible and diverse



educational methods. Our focus is on [Strategic Achievement for SDG4 /2024](#) creating an environment that overcomes barriers preventing individuals from completing their education, including housewives, persons with disabilities, rural residents, and others unable to access traditional educational programs. To further enhance accessibility, BAU provides open educational resources such as online platforms and global databases that adhere to international educational standards.

In alignment with this objective, BAU has outlined several sub-goals:

- **Supporting scientific research** to improve the quality of education.
- **Providing educational resources** to non-university learners.
- **Actively participating in vocational training programs.**
- **Engaging in outreach initiatives to advance education.**

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

The **university** is committed to providing inclusive education that empowers learners by developing their competencies, skills, and abilities. It strives to uphold the principles of accessible education for all and lifelong learning through flexible learning options and a supportive educational environment. BAU offers a wide range of educational and training programs, along with public resources such as educational channels, libraries, electronic databases, and tutorial materials, all made accessible to the public, including resources specifically designed for students with visually disabilities. Furthermore, **BAU** provides certified training opportunities and educational resources for alumni, local residents, and refugees. Evidence of these initiatives includes free courses leading to certification. The university's facilities, equipment, and online resources are also available to the public, supporting community engagement and lifelong learning.



Free accessories making course at Al Zahraa Charitable Society for local community women in As-Salt



(Exploring the world of 3D models with Blender) A training course at Al-Balqa Applied University



training course for teachers of graphic design, fashion technology, sewing, and dental technology



Sample of training course

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 Conference on Business Sustainability**, the **1st Medical Conference**, the **Oil Shale Conference**, 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.

عقدت كلية الأعمال مؤتمرها الدولي بعنوان مستقبل الاستدامة لبيئة الأعمال
(910 مشاهدات) (0 تعليقات)



The first international conference: The Future of Sustainability for the Business Environment



The Second Medical Research Conference in Al-Balqa Applied University



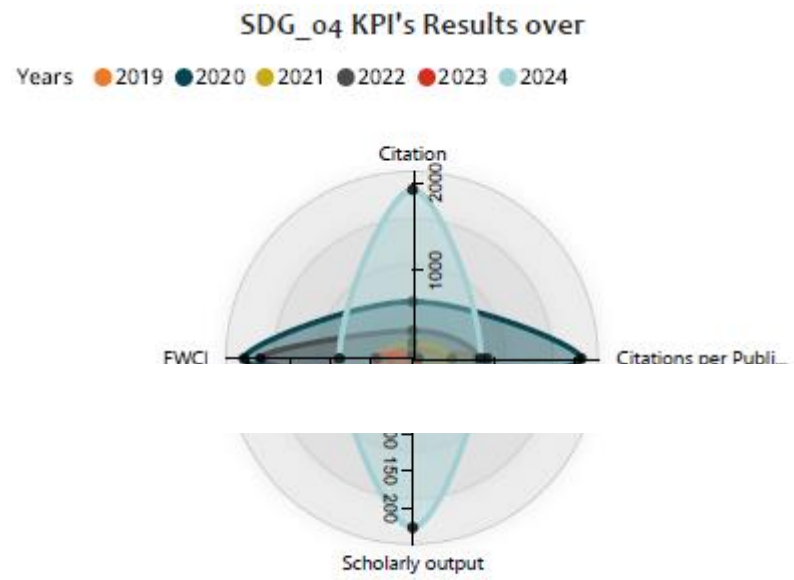
Third International Oil Shale Conference



Fifth scientific day of the College of Graduate Studies



Opening of the charity bazar



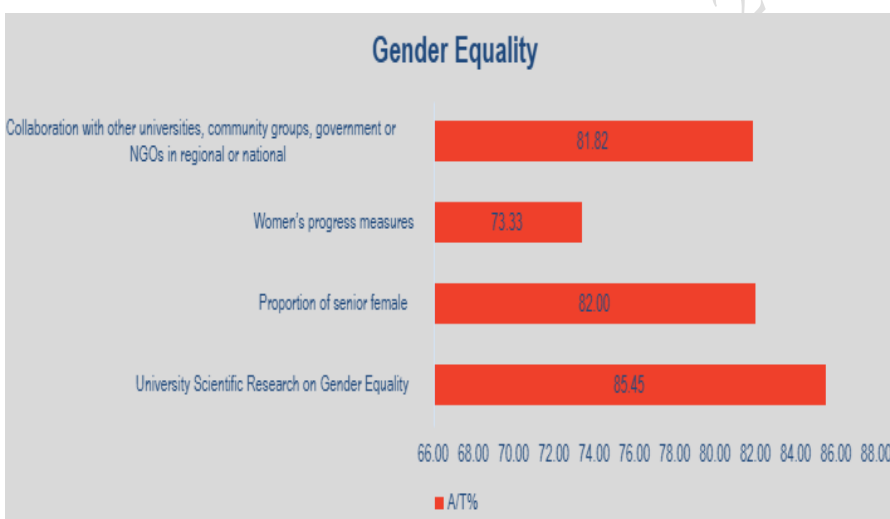
Achieve Gender Equality

and Employment All Women and Girls:



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 catalyzes 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

[Strategic Achievement for SDG5 /2024](#)

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

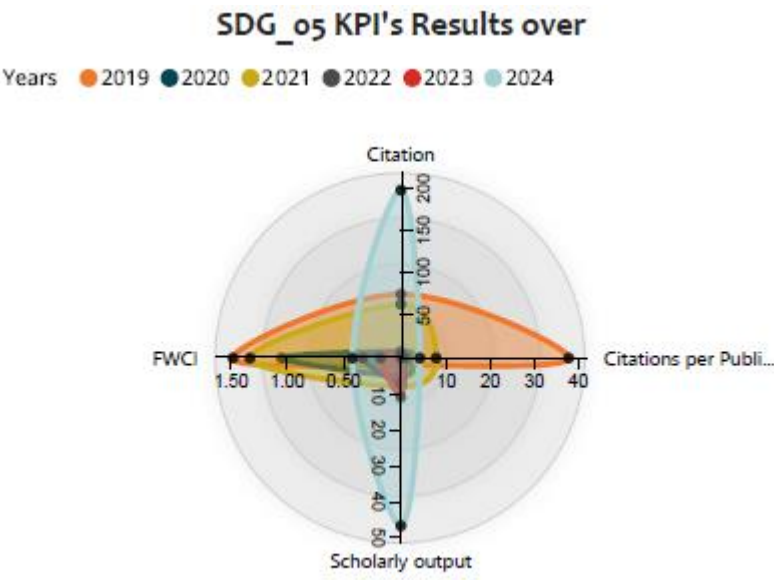
Al-Balqa Applied University (BAU) is unwavering in its commitment to empowering women, fostering their potential, safeguarding their rights, and ensuring equitable access to resources and opportunities. **BAU** actively involves **women** in university **decision-making processes, working to improve their quality of life, address challenges, and provide the support necessary to help them thrive.** This includes offering **tailored training programs, career guidance, counseling, and scholarships** at prestigious international institutions. Through these efforts, BAU aims to guarantee 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 zero-tolerance [policy for discrimination against women](#) in all its forms, whether overt or covert. Aligning with the Constitution and legal framework of the Hashemite Kingdom of Jordan, which explicitly prohibits gender-based discrimination, **BAU** enforces strict penalties for violations. The university 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 to 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 by granting female scholarship students the same rights as their male counterparts concerning the accompaniment of their spouses during the scholarship period. This amendment reflects the university's commitment to fostering an inclusive and equitable academic environment, addressing gender-specific needs, and eliminating barriers that may hinder women's academic and professional advancement.

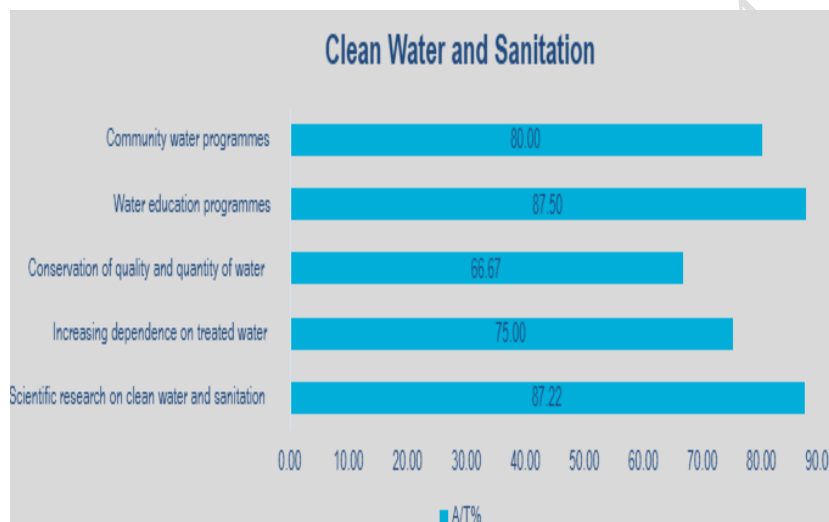
SCIENTIFIC RESEARCH



Ensure Availability and Sustainable Management of Water and Sanitation for All:



Water is a fundamental pillar of life, sustaining ecosystems, human well-being, and economic activities. Effective water management requires informed decision-making grounded in reliable, objective data. However, the global challenges of climate change, population growth, and rapid urbanization have intensified water-related issues, disproportionately affecting vulnerable populations. In some regions, these challenges tragically contribute to preventable fatalities, particularly among children under five.



[Strategic Achievement for SDG6 /2024](#)

At **Al-Balqa Applied University (BAU)**, a comprehensive framework has been established to achieve sustainable water management and sanitation, both within the university and across Jordan. Key initiatives include:

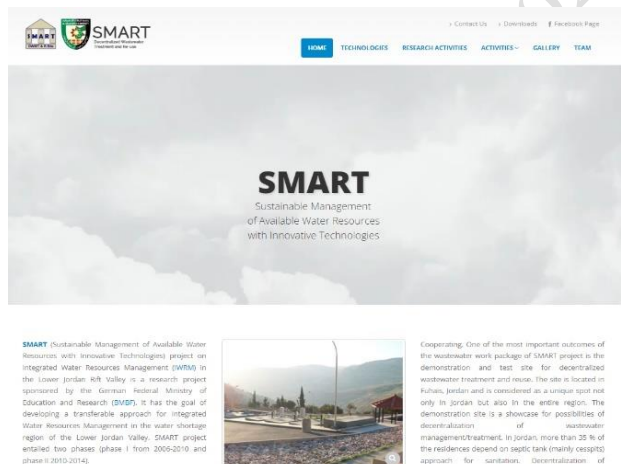
- **Advancing Scientific Research:** Promoting and supporting innovative research dedicated to clean water and sanitation solutions.
- **Maximizing Treated Water Usage:** Increasing the use of treated water for diverse applications to reduce dependency on freshwater resources.
- **Strengthening Water Conservation:** Implementing measures to enhance the conservation of both water quality and quantity.
- **Expanding Water Education:** Developing and delivering educational programs to raise awareness about sustainable water practices.
- **Empowering Communities:** Launching community-based water initiatives to actively involve and engage local populations in water management efforts.

These initiatives underscore BAU's steadfast commitment to addressing pressing water resource challenges. Through innovative research, community engagement, and practical solutions, the

university aims to promote sustainable water management and sanitation practices, ensuring long-term benefits for both the campus and the broader Jordanian community.

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.



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

Al-Balqa Applied University (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.



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.

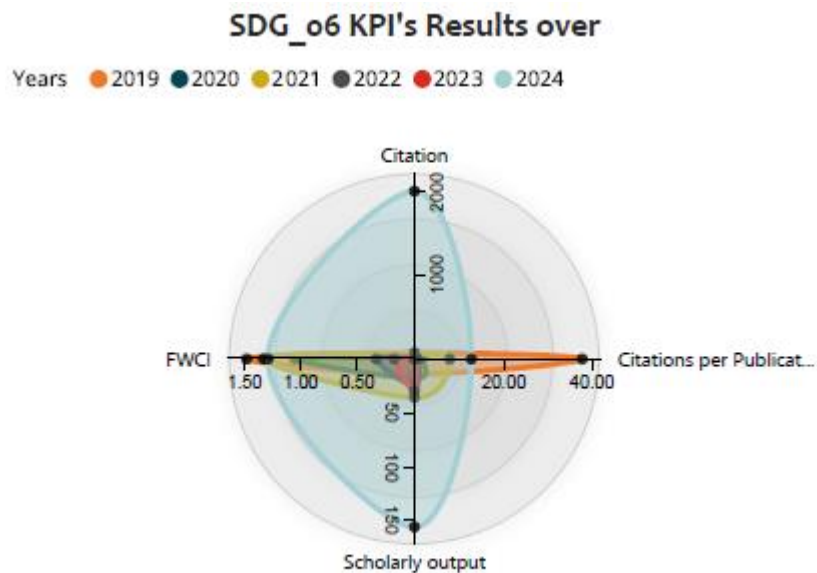


RESEARCH AND INTERNATIONAL COLLABORATION

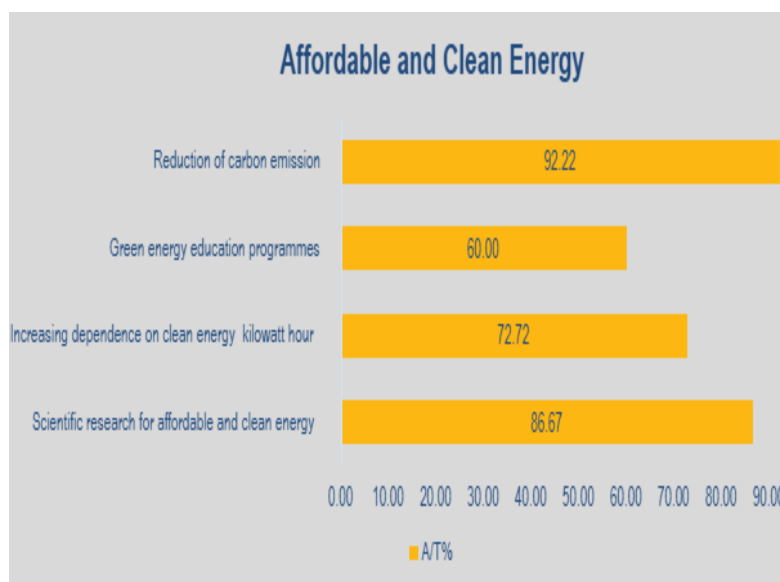
Water security has emerged as a critical national priority, and its centrality within state universities has become increasingly pronounced. However, the extent of contributions toward water security varies among universities. **Al-Balqa Applied University** has shown a steadfast commitment to ensuring 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.



Al-Balqa Applied University (BAU), one of Jordan's largest state universities, operates campuses across the country, encompassing nearly all climatic regions—from the mid-western highlands to the arid deserts. This geographic and climatic diversity has inspired **BAU** to implement a broad range of climate change-related initiatives. In line with its commitment to achieving the **United Nations Sustainable Development Goal 7 (Affordable and Clean Energy)**, **BAU** has adopted comprehensive energy-saving policies aimed at reducing power consumption and transitioning to renewable energy sources.



[*Strategic Achievement for SDG7 /2024*](#)

Guided by its dedication to clean energy and a zero-emission policy, **BAU** has launched numerous initiatives, programs, and projects to minimize its carbon footprint and greenhouse gas emissions. A landmark achievement in this effort is the **university's solar energy conversion project**, boasting a production capacity exceeding **7 megawatts**. This project not only meets but surpasses the university's energy requirements, underscoring its leadership in renewable energy adoption.

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.

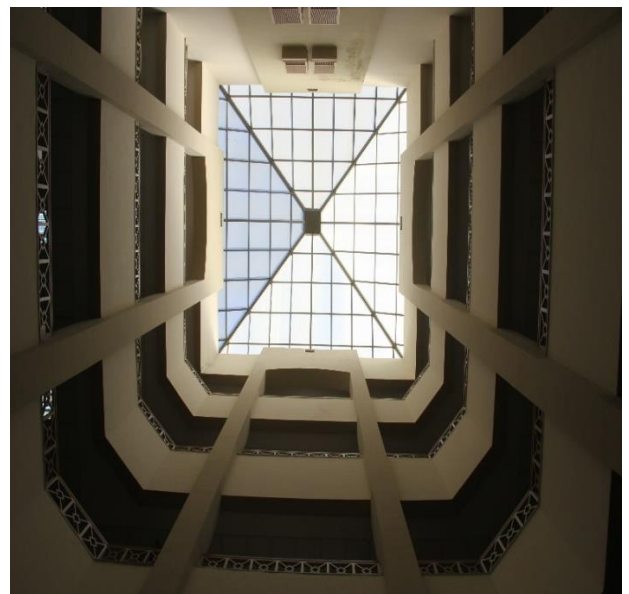
These initiatives reflect **BAU's** unwavering commitment to eco-friendly practices and its role as a pioneer in renewable energy. By championing sustainable energy solutions, the university is shaping a cleaner, greener future for its campuses and the broader Jordanian community.

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**.





Green Building Implementation



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.

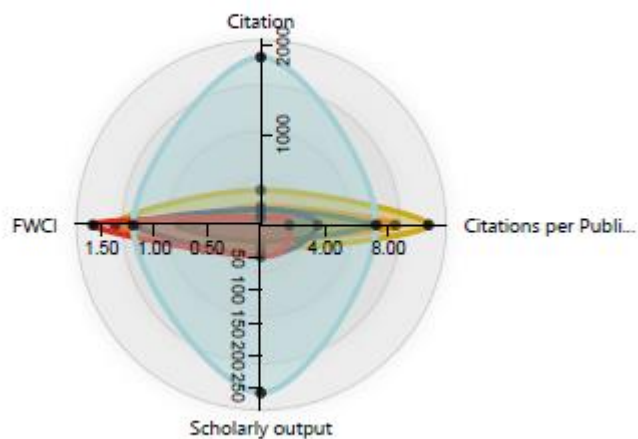
Additionally, the university employs high-efficiency air-conditioning units equipped with inverter technology and eco-friendly refrigerants, significantly reducing energy consumption while maintaining comfort. These forward-thinking strategies position **BAU** as a leader in sustainable campus management,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



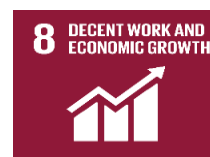
BAU's Solar park project with capacity 7MW

SDG_07 KPI's Results over

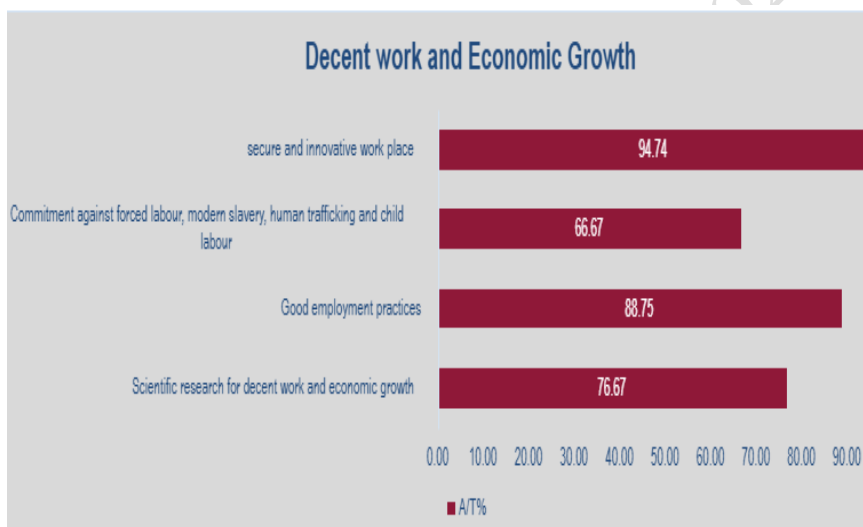
Years 2019 2020 2021 2022 2023 2024



Promote Sustained, Inclusive and Sustainable Economic Growth, Full and Productive Employment and Decent Work for All:



The Sustainable Development Goals (SDGs) are designed to drive continuous economic growth, enhance productivity, and foster technological advancement. At the heart of these ambitions is the promotion of entrepreneurship and job creation, alongside robust measures to eliminate forced labor, slavery, and human trafficking. The goal is to achieve comprehensive, productive employment, ensuring decent work opportunities for all by 2030.



[Strategic Achievement for SDG8 /2023](#)

Specifically, SDG 8 focuses on "sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for everyone," a goal that **Al-Balqa Applied University (BAU)** strongly supports.

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** that 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.

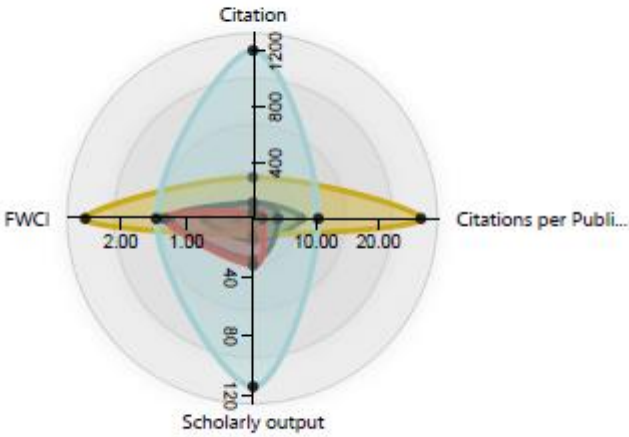
EMPLOYMENT PRACTICES

BAU's workforce is divided into two categories: **academic staff and non-academic staff**. Together, they are dedicated to upholding the university's mission of providing high-quality education and support services. To cultivate a dynamic and competitive work environment, **BAU** focuses on attracting and retaining both local and international professionals who are highly qualified in their respective fields. The university is committed to offering these professionals ample opportunities to thrive, while ensuring their rights and interests are safeguarded.

In line with the human rights and duties outlined in the Jordanian Constitution, **BAU** adheres to regulations governing employee compensation, including the establishment of a minimum wage. **Additionally, the university** has implemented a structured salary scale that classifies remuneration according to managerial levels and job grades. This approach not only promotes transparency but also ensures the protection of the rights of all employees within the institution.

SDG_o8 KPI's Results over

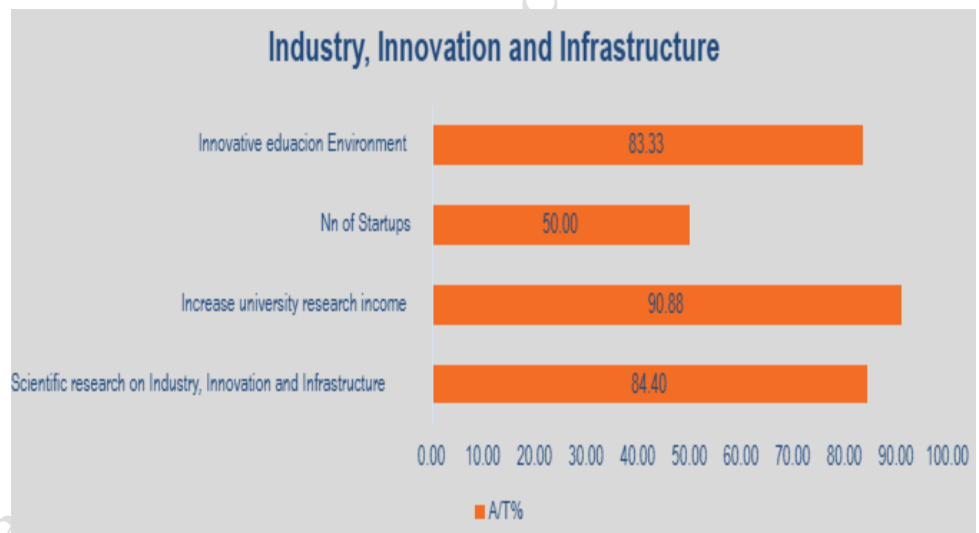
Years 2019 2020 2021 2022 2023 2024



**Build resilient infrastructure, promote inclusive,
and sustainable industrialization
and foster innovation:**



As the global population increasingly concentrates in urban areas, the importance of mass transportation and renewable energy continues to rise. At the same time, the emergence of new industries and advancements in information and communication technologies highlight the critical need to invest in infrastructure and innovation, both of which are essential drivers of economic growth and development. Nations around the world are actively seeking lasting solutions to pressing economic and environmental challenges, including job creation, energy efficiency, the promotion of sustainable industries, and significant investments in scientific research and innovation.



[*Strategic Achievement for SDG9 /2024*](#)

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.



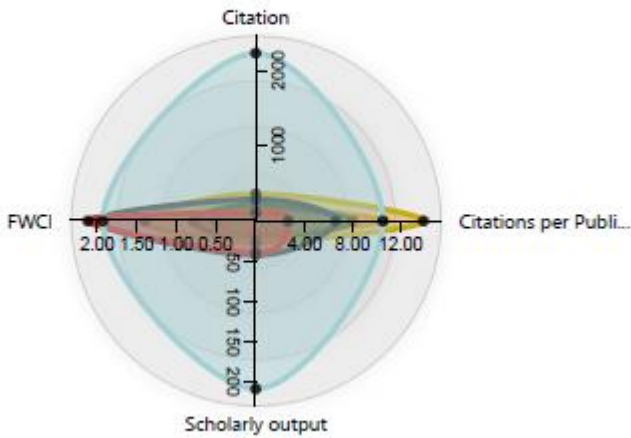
مركز الابتكار والابداع وريادة الأعمال يشارك في الاجتماع الذي نظمه مركز تطوير الأعمال
(420 مشاهدات) (0 تعليقات)



Sample of Activities of Center for Innovation, Creativity and Entrepreneurship

SDG_09 KPI's Results over

Years 2019 2020 2021 2022 2023 2024



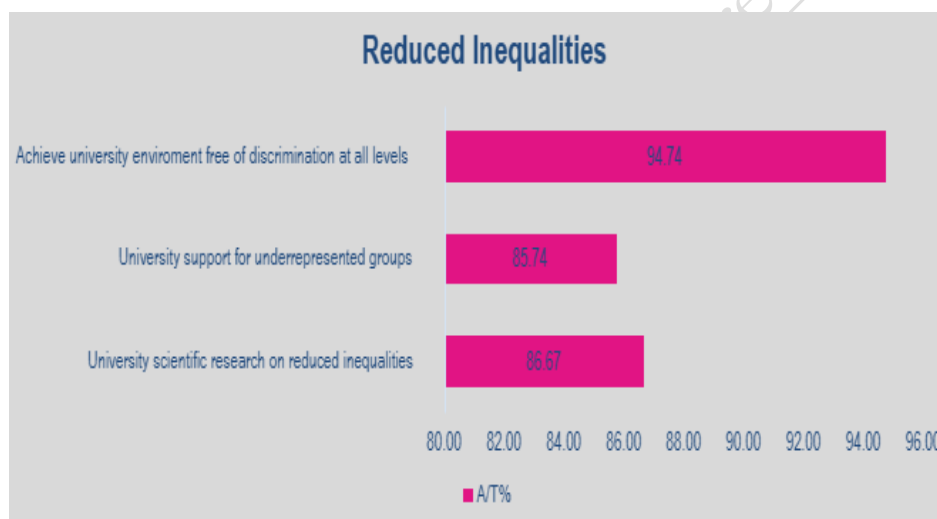
Reduce Inequality Within and Among Countries:



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 are dedicated to providing 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:



[Strategic Achievement for SDG10 /2024](#)

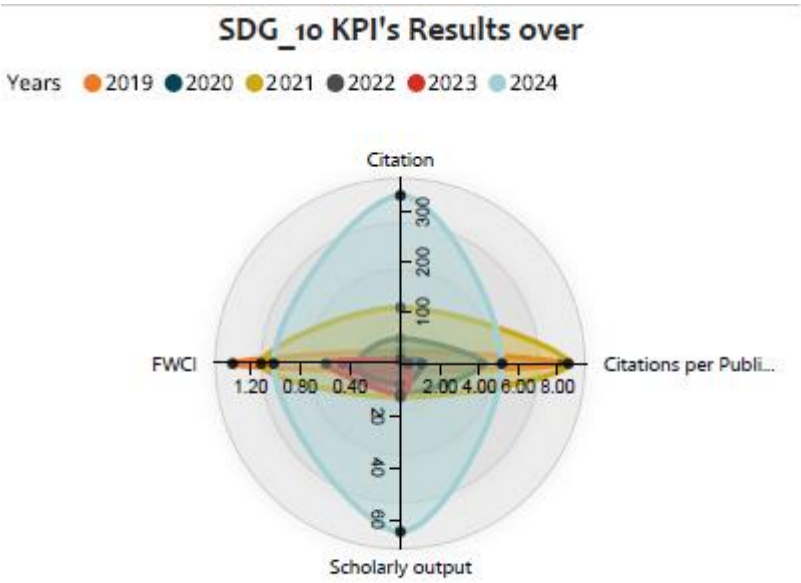
- **Advancing scientific research** aimed at addressing and reducing inequalities.
- **Empowering marginalized groups** to ensure their active participation in society.
- **Fostering a university culture** that prioritizes inclusivity and eliminates discrimination at all levels.

APPROACH

BAU has instituted legislation and protocols designed to swiftly address any reported incidents of discrimination. These measures are devoted to fostering a secure, supportive, and inclusive environment for learning and work, ensuring equal opportunities across diverse fields of work and educational pathways. In line with this commitment, BAU provides specialized facilities tailored to accommodate the needs of individuals with disabilities, special requirements, and maternity care, underscoring its dedication to inclusivity and comprehensive support for diverse needs.

BAU has formulated a strategy that embodies an approach aimed at cultivating an inclusive and pioneering academic environment. This setting not only champions respect and support for individuals but also serves as a fertile ground for nurturing innovation, creativity, and impactful research.

BAU's dedication to Diversity, Equity, and Inclusion (DEI) is evident through this proactive strategy, which aims to enhance various aspects of university life, including recruitment processes, research endeavors, teaching methodologies, and the overall campus environment. The objective is to embed equity and inclusivity in the experiences of academic, administrative, and student communities alike.



Make Cities and Human Settlements

Inclusive, Safe, Resilient and Sustainable:

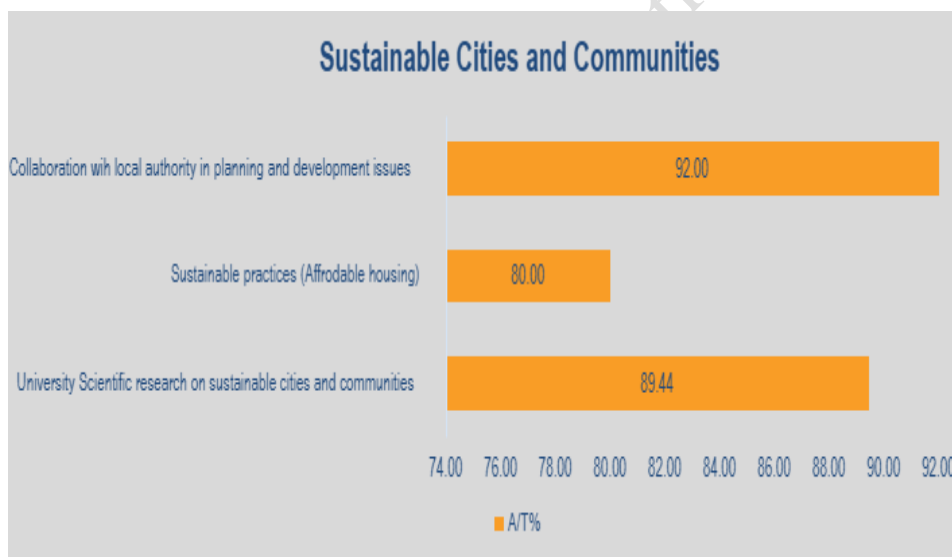


Al-Balqa Applied University (BAU) is steadfast in its commitment to global initiatives that promote progress, peace, and prosperity while preserving and celebrating community heritage, particularly in Al-Salt City, where its main campus is located.

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.



[Strategic Achievement for SDG11 /2024](#)

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

- **Promoting scientific research** focused 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.

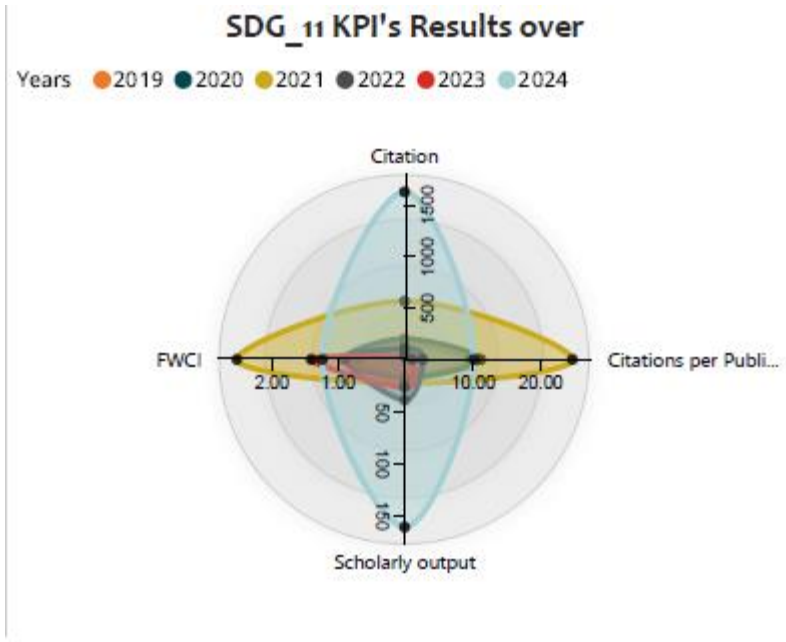
The university's student-led initiatives in As-Salt provide a practical demonstration of **SDG 11** in action. Projects to repurpose and restore abandoned heritage buildings serve dual purposes: preserving cultural heritage and supporting sustainable urban development. These revitalized spaces are being 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.



#السلط_لينا_وحدك_علينا

Development



Ensure Sustainable Consumption and Production Patterns:

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

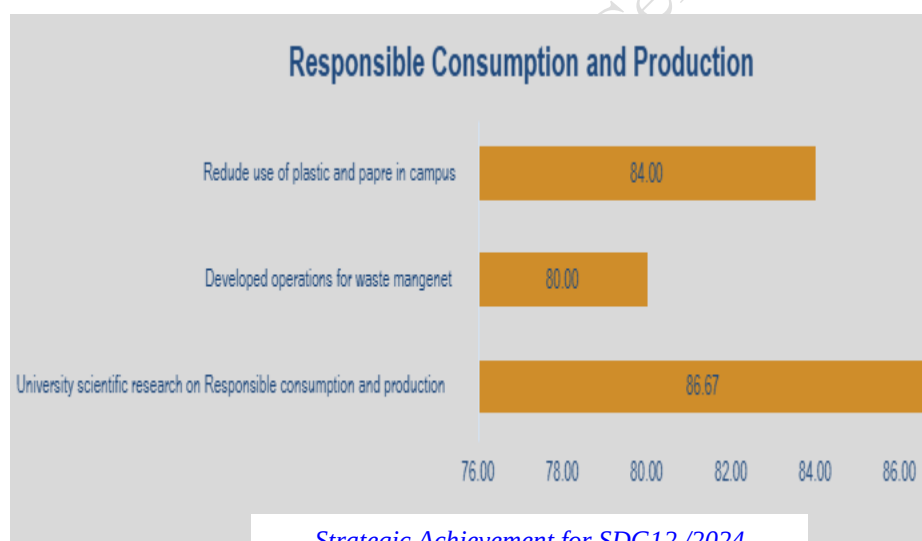
industrial expansion has posed substantial

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 the 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.

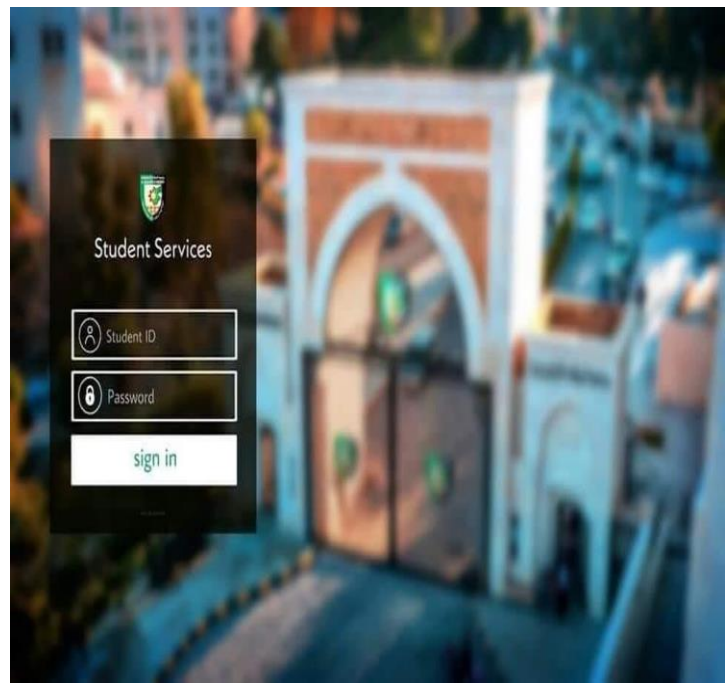
BAU is also prioritizing waste reduction across its campus, with a particular focus on minimizing the use of paper, cardboard, and plastics. The university aims to decrease greenhouse gas emissions, reduce landfill dependency, and extend landfill lifespans, mitigating negative environmental impacts on 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.

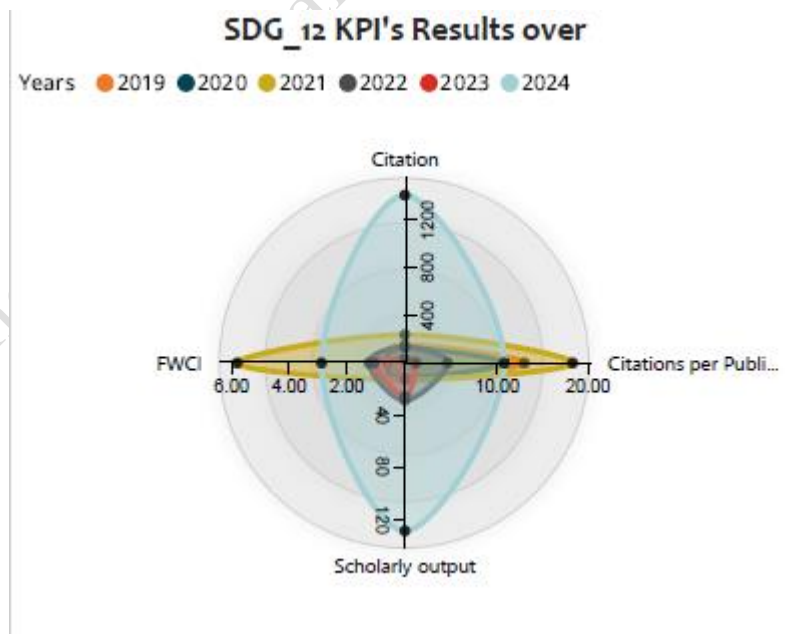
Phasing Out Disposable Items: Gradually eliminating the use of paper cups and bottled water on campus.

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.



Go Paperless

SCIENTIFIC RESEARCH





Al-Balqa Applied University (BAU) operates across Jordan's diverse climatic regions, driving its proactive approach to addressing climate variability and fostering climate adaptation. The university 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.

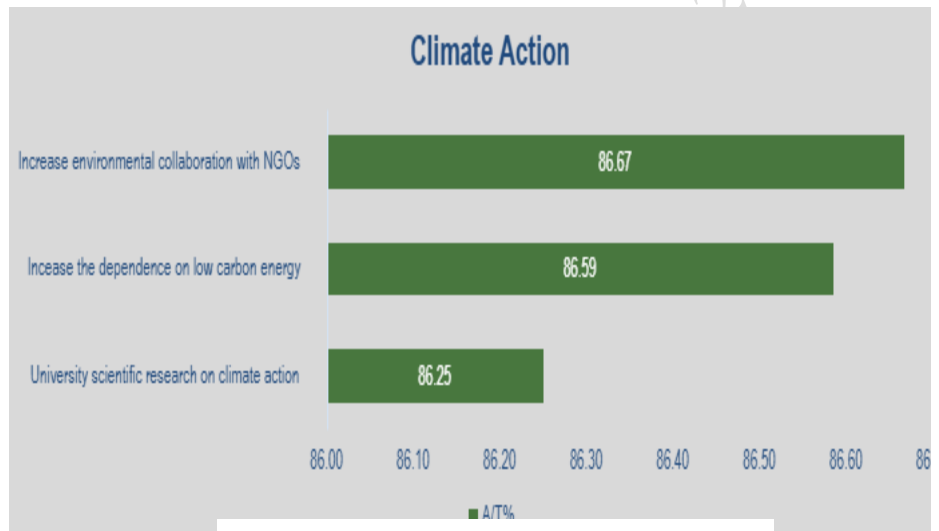
BAU has developed specialized academic programs in fields such as smart agriculture, water treatment, smart infrastructure, and electric and hybrid vehicle technologies. Complementing

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 /2024](#)

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.



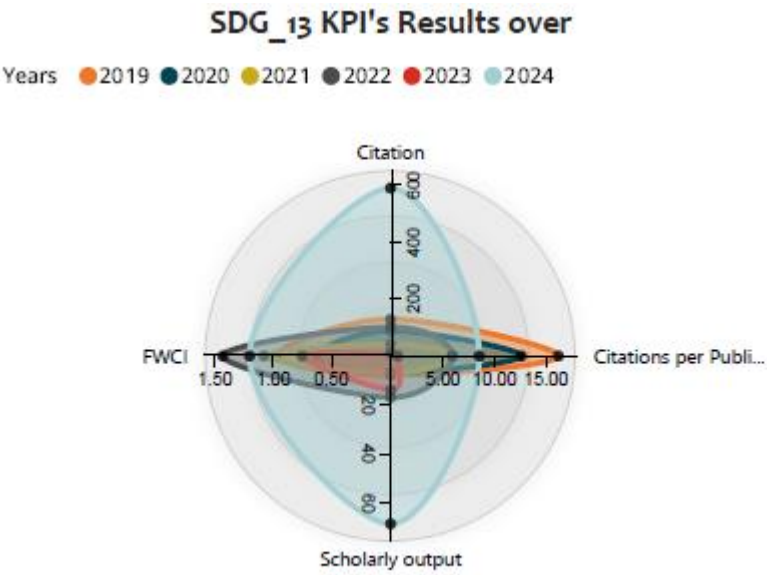
In addition, **BAU** is home to advanced research laboratories and specialized research groups that focus on renewable energy technologies and strategic management tools. These initiatives aim to address greenhouse gas emissions and other climate-related challenges, blending technological innovation 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.



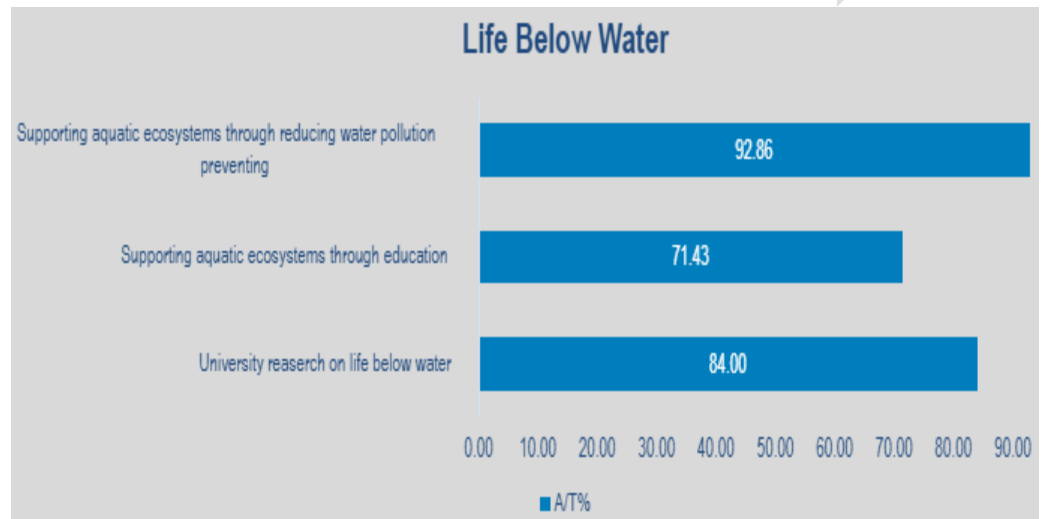
An initiative to Plant Trees” at Ajloun University Faculty



Conserve and Sustainably Use the Oceans, Sea and Marine Resources for Sustainable Development:



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.



[Strategic Achievement for SDG14 /2024](#)

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.

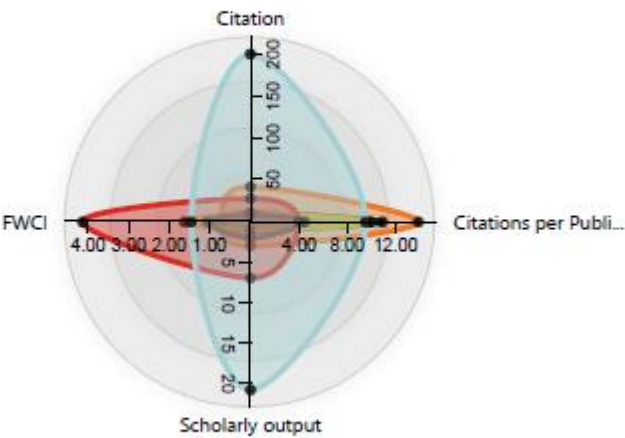
In alignment with its commitment to **Conserving and Sustainably Using the Oceans, Seas, and Marine Resources for Sustainable Development**, BAU has outlined the following key objectives:

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

SDG_14 KPI's Results over

Years 2019 2020 2021 2022 2023 2024

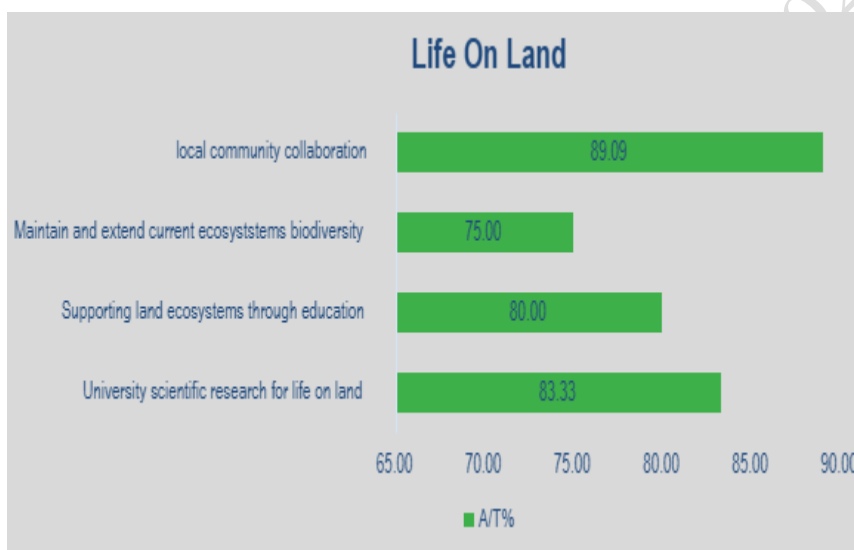


Protect, restore, and promote sustainable use of terrestrial ecosystems:



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.

[Strategic Achievement for SDG15 /2024](#)

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.



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

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.

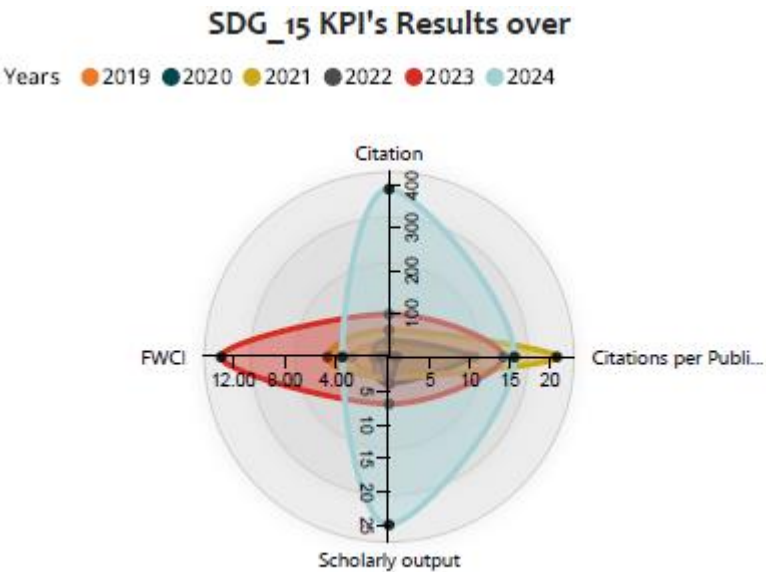
At the Agricultural Research Station, **BAU** has solidified its dedication to sustainable food production practices. The station is home to ten thriving greenhouses, cultivating a variety of crops such as tomatoes, cucumbers, and bell peppers using environmentally harmonious methods. In addition to 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.



General View of Princess Tasnim Station

SCIENTIFIC RESEARCH



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.



[Strategic Achievement for SDG16 /2024](#)

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.**

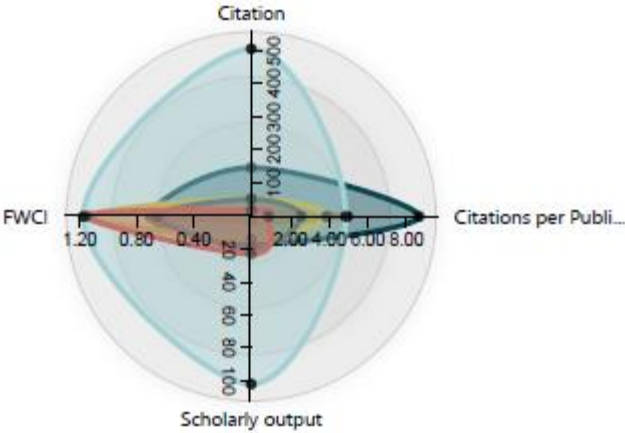
PRACTICES

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.

SDG_16 KPI's Results over

Years 2019 2020 2021 2022 2023 2024



Partnership 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.



[Strategic Achievement for SDG17 /2024](#)

As part of its commitment, **BAU** focuses on effective institutional resource management, innovative teaching and learning practices, research aligned with societal needs, and building national and international partnerships. The university also enhances its outreach activities and plays an active role in various higher education committees and sectoral dialogues. Additionally, **BAU** contributes to the development and implementation of SDG-related policies, establishes sustainability offices, and ensures that each faculty, program, and course aligns with relevant SDGs.

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

Al-Balqa Applied University (BAU) is dedicated to advancing Sustainable Development Goal (SDG) 17, which emphasizes the importance of partnerships for achieving the SDGs. BAU actively fosters collaborations with diverse stakeholders, including national and international organizations, government agencies, NGOs, and the private sector, to create synergies that amplify the impact of sustainable development initiatives.

إطلاق مشاريع إدماج الشباب في عملية التنمية في الأردن برعاية الأمير فيصل بن الحسين

(485 مشاهدات) (0 تعليقات)



BAU's commitment to SDG 17 is demonstrated through its involvement in various cross-sectoral dialogues and partnerships aimed at addressing global challenges and fostering long-term solutions. For example, **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, which aims to facilitate refugee access to tertiary education, aligning with SDG 4 (Quality Education) and SDG 10 (Reduced Inequalities). Additionally, **BAU** collaborates with the Ministry of Social Work to enhance student education and training in social work, further supporting SDG 4.

In its role as a catalyst for regional and global partnerships, **BAU** has been instrumental in

drafting national policies related to social work and poverty reduction, which directly contribute to SDGs 8 (Decent Work and Economic Growth) and 17 (Partnerships for the Goals).

Furthermore, **BAU**

partners with

organizations like **GIZ**

and **JICA** to improve

technical education,

student employability,

and quality education,

all of which align with

SDGs 4 and 8.

The university also

works with the

Jordan: New Alliance allows more refugees to access university studies

Universities join hands with Syrian business people, philanthropists and UNHCR to remove barriers to higher education and job opportunities for refugees

10 Jul 2024



Ministry of Environment to enhance climate action and environmental sustainability. **BAU's** active participation in drafting the 3rd National Environmental Report is an example of its commitment to SDG 13 (Climate Action) and SDG 15 (Life on Land). In addition, **BAU** organizes and participates in key conferences and events that promote SDG-related discussions and partnerships, such as the Future of Sustainability in Business and Environment conference and the International Oil Shale Conference. These events bring together experts, practitioners, and policymakers from over 20 countries to share knowledge, collaborate on solutions, and strengthen global partnerships for sustainable development.

RL4Eng Development of Remote and Virtual Laboratories for Teaching and Training Engineering Students in the South Mediterranean and Sub-Saharan Higher Education Institutions

Co-funded by the Erasmus+ Programme of the European Union

Development of Remote and Virtual Laboratories for Teaching and Training Engineering Students in the South Mediterranean and Sub-Saharan Higher Education Institutions (RL4Eng)

Partners

Contact Information
Dr. Mawlaq Othman
Email: mawlaq@gmail.com
Mobile: +962790143171

Moreover, **BAU's** collaboration with local and international **NGOs** is a vital component of its

SDG efforts. The **university** partners with organizations like **INWARDIM** and **NAMA** to promote sustainable practices in land management and empower women and youth, contributing to SDGs 5, 15, and 15. Additionally, **BAU** works with various stakeholders to organize public lectures, training programs, and events that focus on critical SDG issues, such as health, ecosystems, agriculture, and civic engagement. These initiatives encourage innovation and creativity among students and the local community, helping to drive progress on SDG 17.

Through its extensive network of partnerships and collaborations, **BAU** plays a pivotal role in supporting the global movement towards achieving the SDGs. **The university's** ongoing efforts in research, capacity building, curriculum development, and community engagement ensure that SDG 17 is not only a goal but a driving force for transformative change at local, regional, and international levels.

Published by:

Development and Quality Assurance Center (DQAC_2024)

@2024 All Copyright reserved