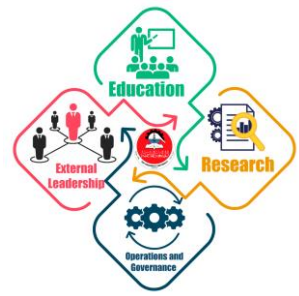




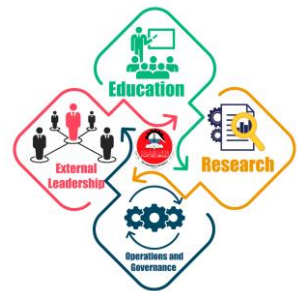
HASHEMITE UNIVERSITY
Sustainable Development
Progress Report
2022



HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

TABLE OF CONTENTS

Establishment.....	3
Vision and Mission.....	3
Why the Hashemite University	3
University Accomplishments.....	3
International ranking, accreditations, prizes, and awards.....	3
University Students and Alumni.....	4
Networking and international academic and technical agreements	4
Academic Programs at HU.....	5
CREATING OR DEVELOPING PROGRAMS WITH SPECIALIZATIONS NEEDED BY THE regional and international labor market	5
The HU is friendly to students with special needs	5
GOAL 1: No Poverty	6
GOAL 2: Zero Hunger	8
GOAL 3: Good Health and Well-being	10
GOAL 4: Quality Education	12
GOAL 5: Gender Equality	14
GOAL 6: Clean Water and Sanitation	16
GOAL 7: Affordable and Clean Energy	18
GOAL 8: Decent Work and Economic Growth	20
GOAL 9: Industry, Innovation and Infrastructure	23
GOAL 10: Reduced Inequality	26
GOAL 11: Sustainable Cities and Communities.....	28
GOAL 12: Responsible Consumption and Production	30
GOAL 13: Climate Action	33
GOAL 14: Life Below Water.....	35
GOAL 15: Life on Land.....	37
GOAL 16: Peace and Justice Strong Institutions	39
GOAL 17: Partnerships to achieve the Goal.....	41



HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

ESTABLISHMENT

The Royal Decree to establish the Hashemite University was issued on 19th June 1991. Teaching at the university started on 16th September 1995 on a total area of 8519 acres. Teaching started in 1995 in 3 Faculties with 600 students.

VISION AND MISSION

A pioneer university regionally and internationally

Raising the level of scientific research, postgraduate studies, curriculum development, creating a university environment for excellence, creativity and leadership, and preparing eligible human capital who are capable of contributing to the scientific, process and development and community service to keep up with the times and modernization.

WHY THE HASHEMITE UNIVERSITY

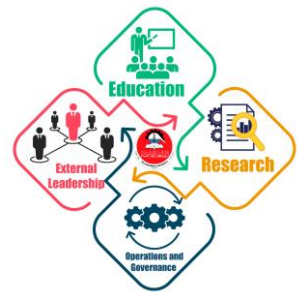
- A national governmental and comprehensive university
- Central location in Jordan
- Local and international accreditation
- Smart Campus
- Distinguished faculty staff
- Unique teaching environment
- Excellence in research and innovation

UNIVERSITY ACCOMPLISHMENTS

- Establishment of The National Seed Bank project
- The solar energy project
- The smart campus
- The Faculty of Pharmaceutical Sciences top art in the Middle East
- Construction Systems Laboratory
- The desalination plan

INTERNATIONAL RANKING, ACCREDITATIONS, PRIZES, AND AWARDS

- Ranked 51 Arab world ranking and 6th at the national level among 20 national Universities Times Higher Education ranking: Educational subjects ranked 400-



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301 worldwide Clinical, preclinical, and health subjects ranked 601+ worldwide, and Engineering and technology subjects 1000-801

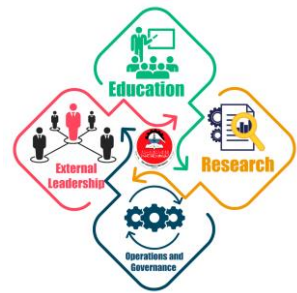
- Faculty of Medicine Accreditation by the American Medical Residency Certification Board (AMRCB) and inclusion at the World Directory of Medical Schools and the Foundation for Advancement of International Medical Education and Research (FAIMER) - 2012
- Medal of Independence (First degree) – 2016 Emirates Energy Award (Golden Prize) – 2017
- Prince El Hassan Bin Talal Award for Scientific research –
- Clinical Skills Education Testing Center – 2015
- University Nursery – 2017
- Faculty of Engineering: Accreditation Commission of ABET for all Faculty of engineering programs –2018
- Accreditation Commission of ABET for Bachelor of Computer Information Systems – 2020
- The World Federation of Occupational Therapists (WFOT) accreditation for the Physical and Occupational Therapy program – 2021
- The National Architectural Accrediting Board (NAAB) for architectural engineering 2022

UNIVERSITY STUDENTS AND ALUMNI

- The total number of students is (27,878), and the percentage of female students is (63%) of the total number of students. The total number of graduates from the university is about 100,000.
- The Hashemite University includes more than (1200) male and female students from more than (30) Arab and foreign nationalities
- The university provides a model housing for female students
- Allocating staff to serve students and expatriates

NETWORKING AND INTERNATIONAL ACADEMIC AND TECHNICAL AGREEMENTS

- Academic mobility agreements within the European Union Erasmus Plus program
- Several agreements in the field of non-research projects funded by the European Union within the Erasmus Plus program (2020-2021), including projects to



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establish academic programs and joint programs with many European universities, and the purchase of equipment and equipment funded by the European Union.

- Several agreements and memoranda of understanding with overseas countries (36) and Arab countries (35) aimed at enhancing research and academic cooperation and international networking.

ACADEMIC PROGRAMS AT HU

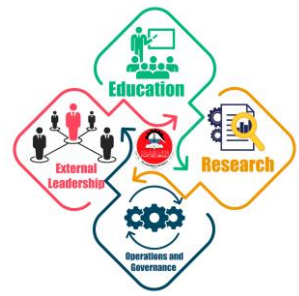
- (53) Bachelor's Program
- (33) Master's Program
- 1 Ph.D. program
- (4) Higher specialization programs in medicine
- Postgraduate Diploma Program
- Professional Diploma Program

CREATING OR DEVELOPING PROGRAMS WITH SPECIALIZATIONS NEEDED BY THE REGIONAL AND INTERNATIONAL LABOR MARKET

- 5 programs will start during the academic year 2021/2022:
 - Bachelor of Digital Marketing
 - Bachelor of Cyber Security
 - Bachelor of Data Science and Artificial Intelligence
 - MSc Clinical Nutrition and Food Safety
 - Master of Structural Engineering
- 3 innovative Programs will start during the academic year 2022/2023:
 - Master of Computer Engineering and Security Systems
 - Master of Electrical Engineering
 - Master of Sports Management

THE HU IS FRIENDLY TO STUDENTS WITH SPECIAL NEEDS

The university rehabilitated its buildings and facilities to facilitate access and movement for them and was keen on integrating them into the university environment through various programs and plans. Sign language was included in the university's list of requirements as an optional course. Those who pass it can work as sign language interpreters in return for a financial reward.



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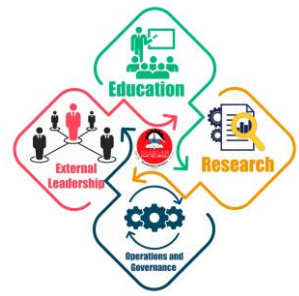
GOAL 1: NO POVERTY

For many countries poverty is one of the most fundamental problems. In most developing countries, although significant progress has been made in recent years in the area of poverty reduction, poverty rates are still high. Although much progress has been made in the world since the adoption of the sustainable development goals, yet eradicating poverty is still one of the global difficulties facing sustainable development, and one of the first goals of sustainable development is the necessity of ending poverty in all places.



The most prominent achievements, initiatives and activities implemented by the HU to eradicate poverty:

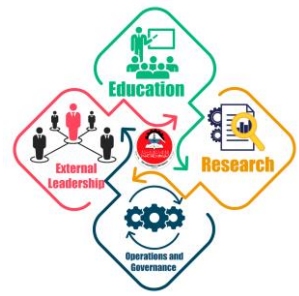
- A. The Student Support Fund at the Hashemite University grants loans refunded for students in need. The loan covers (60% to 90%) of the student tuition fees during the first and second semesters of each academic year.
- B. HU established an initiative called “Dinary” through which the students are granted financial aid through this initiative.
- C. Students at HU are granted “exceptional” financial aid, such as the grant provided by the Kuwait Zakat Fund.
- D. The Hashemite University and the Zarqa Governorate Council discussed ways to establish several services, development, cultural and tourism projects to reflect positively on the people of Zarqa to alleviate poverty and unemployment.
- E. The Hashemite University participated in the Virtual International Scientific Conference "Quality of Life for Persons with Severe and Multiple Disabilities", organized by Sharjah City for Humanitarian Services.



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- F. The Hashemite University launched the fourth phase of the Clothing Bank, which provided (5800) pieces of clothing that were distributed to orphaned children in the Hashemite District, allocating scholarships for the outstanding children of the Hashemite District, in addition to scholarships for orphaned children In the Hashemite District, distributing (80) computers to orphaned children in the district, providing computers for the Hashemite Zakat and Charity Committee, and assisting the Hashemite Municipality in setting up an agricultural nursery and supporting it with seedlings of the trees.





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GOAL 2: ZERO HUNGER

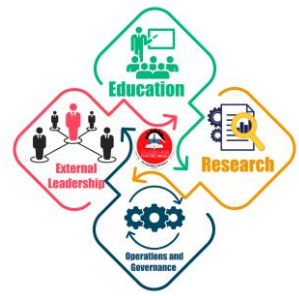
Ending hunger and malnutrition is one of the major challenges we face today. Inadequate or unhealthy food not only causes people to suffer and poor health, but also slows progress in many other areas of development such as education and employment.

In 2015, the global community adopted the 17 Sustainable Development Goals to improve people's lives by 2030. The second goal is: to end hunger, provide food security, improve nutrition, and promote sustainable agriculture, and this goal is a priority for the World Food Program.



The most prominent achievements, initiatives and activities implemented by the HU to eradicate hunger:

- A. On the occasion of World Food Day, the Hashemite University organizes a scientific symposium that aims to deepen public awareness of the suffering of the hungry and undernourished in the world, and to encourage people around the world to take measures to combat hunger.
- B. The HU and the FAO seek and discuss establishing an institutional partner for the development of drylands and improving productivity in agricultural areas to combat hunger and malnutrition.
- C. Signing a memorandum of understanding between the Hashemite University and the National Center for Agricultural Research to host the Agricultural Innovation Incubator, which is a real leap that has an important impact on the agricultural sector by



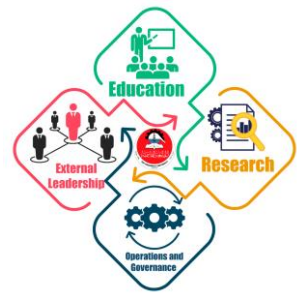
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transforming ideas into innovative and pioneering projects that contribute to achieving agricultural sustainability.

- D. The Deanship of Students Affairs at the Hashemite University established the food security club. The club works to raise awareness of the importance of the role of agriculture in our lives and to demonstrate the vitality of the concept of food and its provision as one of the inputs to the security of countries and societies by holding workshops and events and encouraging research in this field.

<https://hu.edu.jo/en/facnew/index.aspx?typ=224&unitid=70000000>





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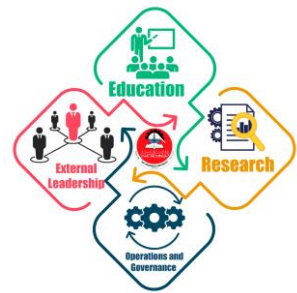
GOAL 3: GOOD HEALTH AND WELL-BEING

Health and Wellbeing aim to provide services that keep people healthy and well and reduce the likelihood of chronic disease and premature mortality. The Hashemite University is committed to helping its students, employees and local community improve their health and well-being. To that end, the university continued to offer a broad suite of health services, psychological and social counseling services, fitness resources, and access for all to safe, effective, quality and affordable medicines and vaccines.



The most important initiatives and achievements of the Hashemite University in this field:

- A. On the research front, the university faculty members produce quality research on health issues from different perspectives. In medicine, nursing and health professions as well as pharmacy, the health-related faculties members published 765 scholarly research papers related to health and well-being with more than 6639 citations from January 2021 till October 2022.
- B. The university provided health insurance for all employees and students to ensure their health.
- C. The university extends its services to the local community to improve health and well-being through different strategies, including, free medical days for the local community offering medical counseling and sugar level tests and blood pressure tests, in that day Supporting innovative projects for the local community as The pharmaphile platform to help pharmacists finding training opportunities, non the less holding many activities and events to spread health awareness for the local community.
- D. The Hashemite University has one of the top-ranked faculties of medicine nationwide, it offers many collaborations to enhance health and well-being locally, nationally and globally



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LOCAL COLLABORATIONS

The University collaborates with the Ministry of Health Zarqa hospitals where medical students are trained and our academic staff offers medical services

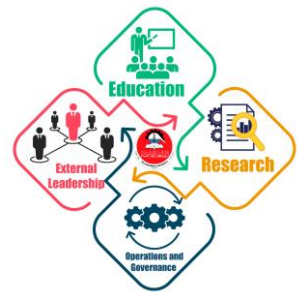
NATIONAL COLLABORATIONS

We also collaborate nationally with the Ministry of Health as well as the Prince Hamza Hospital, and Jordan Healing and Health Bank, a Jordanian non-profit charitable institution, where our students and staff offer medical services to our community as well as joining IBMS-JORDAN which is a 3 years' project, co-funded by Erasmus+ program, aims to establish an intercalated program in basic medical sciences in Jordan.

GLOBAL COLLABORATIONS:

Internationally we have long-established collaborations for healthcare delivery as well as education and research for example Collaboration with International Humanitarian Organizations Medicines Sans Frontiers France, in addition to being part of the Erasmus plus program

- A. The university makes its sports facilities, including swimming pools, gym basketball and volleyball courts, and access to the local community through pre-scheduled programs. Additionally, the university arranges regular sports competitions for students and offers special sports training programs for different age groups for the local community
- B. The opening of the youth-friendly health clinic in cooperation with the Royal Health Awareness Society (RHAS) and the United Nations Population Fund in Jordan (UNFPA).
- C. The University conducts three health education campaigns about sexual and reproductive healthcare topics and other health-related topics to more than 400 students.
- D. The University offers a reproductive health course to the students equivalent to 3 credit hours as an elective requirement for more than 1600-1800 students in 2021.
- E. The University offers psychological and social counseling services to 213 students through the deanship of students' affairs.
- F. In efforts to control smoking the university follows the anti-smoking policy and the penalties imposed on smoking in closed areas and indoors. as ,well as being an active part ofthe Jordanian Universities Alliance for Tobacc oControl ,in addition, students created a tobaccocontrol research club
- G. During the Corona pandemic, the university provided all tests and vaccinations for the coronavirus for university students and staff.



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GOAL 4: QUALITY EDUCATION

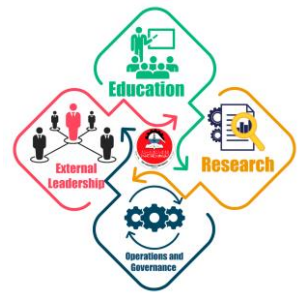
Education is a key gateway out of inequalities, especially my generational ones. In addition to improving quality of life, access to inclusive education can help equip locals with the tools required to develop innovative solutions to the world's greatest problems.



SDG 4 explores early years and lifelong learning. The Hashemite university supports early years, and lifelong learning, by ensuring equality of access to the facilities.

The Hashemite University has also worked on:

- A. The Hashemite university supports early years education by preparing qualified teachers who are teaching nationwide.
- B. The Hashemite university established the Center for Studies, Consulting and Community Service in 1996. It provides free access to educational resources for those not studying at the university.
- C. The Hashemite university hosts events that are open to the general public



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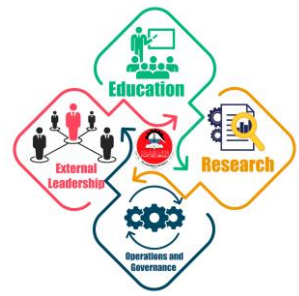


- D. The Hashemite university undertakes outreach activities beyond campus (community)



- E. The University has a policy that ensures access to all activities.

<https://hu.edu.jo/regulations/regulation.aspx>



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GOAL 5: GENDER EQUALITY

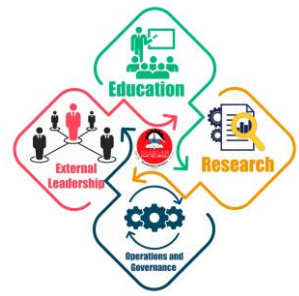
The Center for Women Studies in the Community (CWSC) is the Hashemite University arm for achieving Goal 5. It was founded and started its activities on January 7th, 2018 as part of the Hashemite University's commitment to supporting national efforts towards achieving the Sustainable Development Goals (SDGs); namely equality and empowerment to all women and girls.

The manner of thinking and the behavioral steps within the Hashemite University and the external environment reflect its general policy towards women and girls. It is a policy of diversity, empowerment, and inclusion. This policy is based on principles of equity and gender equality. This policy and these principles are also the foundations of the Center for Women's Studies in the Community work and strategy. We envision the Hashemite University where women and girls are empowered and where equality is the norm.



The number of direct beneficiaries of students and community of CWSC for the academic year 2020/2021 reached about 1410 male and female beneficiaries. The number of activities amounted to a total of 60 activities, which were fully documented on the center's page on the university's website, in addition to the center's social media.

- A. Implementation of the intensive mentoring program in cooperation with the Jordanian National Commission for Women and GIZ, through the academic female

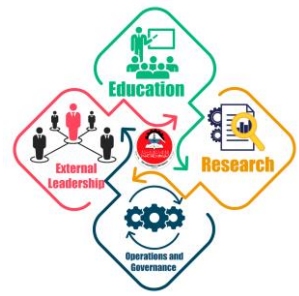


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leaders in the Hashemite University, who mentored female members of public local administrations to have the ability to network and influence fundamental decisions within the institutions they represent and through lectures on communication and leadership.

https://petra.gov.jo/Include/InnerPage.jsp?ID=25547&lang=ar&name=governorate_news

- B. Implementation of a program to support decent work for women in cooperation with the International Labor Organization and the Jordanian Banks Association
<https://petra.gov.jo/Include/InnerPage.jsp?ID=173619&lang=ar&name=news>
- C. Three-day training targeting women academics as part of the "Enhancing Female Academics' Participation in Leading Internationally Funded Projects", in partnership with Yarmouk University and the Canadian Fund for Local Initiatives and funded by the Canadian Embassy.
- D. Designing a 5-day interactive training program for university students via an e-platform on "Gender and Gender-Based Violence within the axes of the Jordanian National Plan to Activate Security Council Resolution 1325, Women, Peace and Security" for the benefit of the Jordanian National Commission for Women through the secretariat of UN Resolution 1325, Women, Security and Peace in Jordan in cooperation with UN Women. And training in three different universities: The Hashemite University, Irbid National University, and the German Jordanian University. <https://fb.watch/gzqpZGaRPq/>
- E. Launching and implementing the "Safe Internet is My Right" competition for students in public Jordanian universities, in cooperation with the Canadian SECDEV Foundation. <https://fb.watch/gzqtis8Y5C/>
- F. Preparation of 12 videos for 16 days campaign to combat violence against women and International Women's Day.
- G. Organizing and implementing an international symposium on "Saudi women between the aspirations of the inside and the texts of the outside: towards the future", in cooperation with the Jordanian General Women's Union and 4 international universities; 2 in Saudi Arabia, one in Lebanon, one in Japan.
- H. Providing national and international contributions serving equality for women and girls most notably for the Royal Committee to Modernize the Political System (RCMPS) through its sub-Committee for Women.



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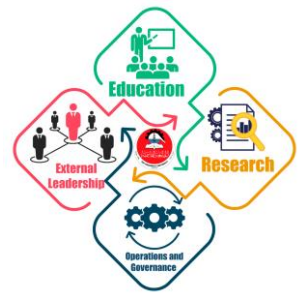
GOAL 6: CLEAN WATER AND SANITATION

Ensuring the availability and safe, equitable access to drinking water and sanitation is a fundamental goal for the 2030 sustainable development agenda. This goal focuses on drinking water, sanitation and hygiene, wastewater treatment, water quality, efficient water reuse, water stress, international and community cooperation, and the water-related ecosystem.



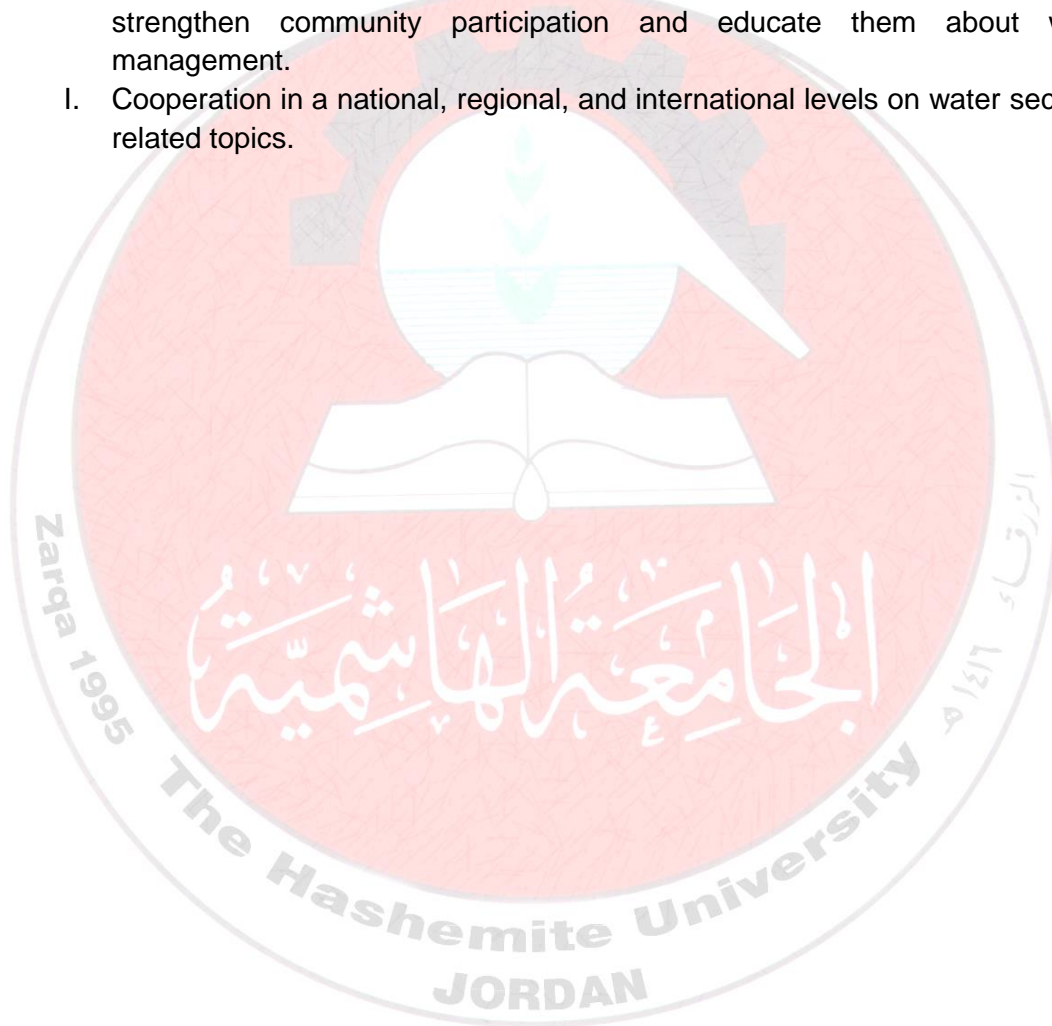
The Hashemite university is committed to following up on the global progress toward this goal by working on the following:

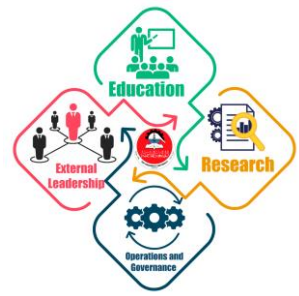
- A. Improving the quality of aquifer's extracted water by desalination at the campus treatment plant, which is run by solar energy, and applying up-to-date desalination technology.
- B. Applying the principle of "green building" to newly constructed buildings. i.e., southern and northern classroom complexes and the pharmacy college building. These buildings wisely use natural environmental resources, water-saving devices, and low water consumption strategies to minimize water use.
- C. Implementing greywater collection, treatment, and reuse systems in the "green building" complexes.
- D. Planting low water-consuming plants such as Huhoba and draught-tolerant wheat and barley.



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- E. Monitoring the proportion of the campus population using safely managed free drinking water and sanitation services and tracking water consumption regularly.
- F. Ensuring safe connection and delivery of campus wastewater to the As-Samra wastewater treatment plant to be treated in compliance with national standards.
- G. Prevention of water resources pollution and minimizing the release of hazardous waste.
- H. Conducting free awareness educational opportunities for local communities to strengthen community participation and educate them about water management.
- I. Cooperation in a national, regional, and international levels on water security-related topics.





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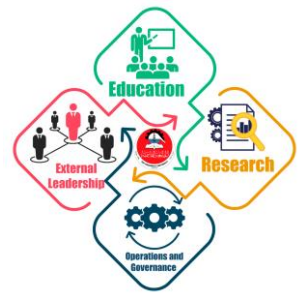
GOAL 7: AFFORDABLE AND CLEAN ENERGY

Sustainability is a priority at the Hashemite University (HU). Through the actions that it is taking, the University aims to become more energy self-sufficient by increasing its carbon saving. The Hashemite University aims to have a Smart Grid and Campus with the ability to dynamically manage all sources of power on the grid means that more distributed generation can be integrated within it. The [energy management and sustainability policy](#) at the Hashemite University is focused on improving energy efficiency and moving towards a sustainable energy future in HU through energy-saving practices and approaches, new energy-building saving techniques, and renewable energy sources. At the Hashemite University, new building expansion on the HU campus (with more than 70,000 m²) of newly added building area used smart and green technologies. The smart building project won the Jordanian Ministry of Public Works and Housing Award for Building Design Consultancy in 2013. The new building project was completed in 2019. In order to help the university to achieve 100% energy independence, the university has implemented PV systems in each of the newly constructed expansion projects. This solution helped to achieve water and electricity bills that are equal to zero with 100% energy independence.



In the last year, HU continue with her goal (100% energy independence based on renewable energy resources). In order to help the university to achieve 100% energy independence, the university has implemented PV systems and upgraded the existing buildings to higher energy efficiency by having the following projects:

- A. The new buildings are connected to a 0.5 MW rooftop PV system to cover the new building's energy needs.
- B. Smart Energy Meter and Management System (AMI) for all buildings.



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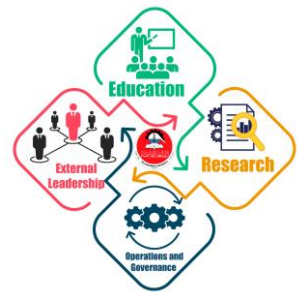
- C. SCADA system for the exciting PV projects in the HU.
- D. Converting all lights to LED Lighting.

HU actively provide different service to increase awareness of energy efficiency and renewable energy through holding related workshop, seminars and visits. The relevant free activities are as follows:

- A. Students from public and private universities and elementary and secondary schools visited the PV project to learn about its importance, environmental impact, and the ease, safety and transferability of renewable energy technologies.
- B. HU has fascinated mutual agreements for the university to provide consultation and supervision to more than ten projects in Jordan, representing a direct indicator of capacity building and transfer of knowledge in renewable energy mega projects.
- C. More than 70 undergraduate and graduate students received their technical field training and research during the commencement and operation of the project. This is in addition to more than 75 faculty and staff members who worked directly in the committees, supervision, and training on the project.

For more info, visit our Website at <https://hu.edu.jo/en/unitcenter/Default.aspx>





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GOAL 8: DECENT WORK AND ECONOMIC GROWTH

“Promote Sustained, inclusive and sustainable growth, full and productive employment and decent work for all”

EMPLOYMENT PRACTICE

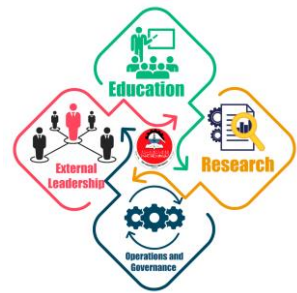
Employment practice living wage

The Hashemite University, being a governmental institution, is obligated to adhere to the Ministry of Labor’s regulations, which mandate paying all employees and faculty members a wage that meets the minimum standard. **Labor Law - Ministry of labor**, *“The employer shall be punished with a fine of no less than five hundred dinars and not more than one thousand dinars for each case in which he pays a worker a wage less than the minimum wage or for any wage discrimination between the sexes for work of equal value, in addition to the ruling for the worker with a wage difference and doubled Punishment whenever the violation is repeated”*. It is worth noting that, in accordance with the payroll regulations, the Hashemite University does, indeed, comply with the minimum wage requirements.

Employment policy on discrimination

The Hashemite University is a non-discriminatory institution that upholds equal opportunities for individuals, regardless of religion, sexuality, gender, or age, among other: (i.e. color, race, ethnicity, nationality, marital status, or disability). Based on job description and positions, this includes, for instance, eliminates any form of discrimination regarding recruitment, occupational safety and health, training opportunities, paying wages accessing university facilities and services, performance assessment and promotion, and social security.

For instance, the university facilities and services are accessed in an equal way by all candidates and members, contingent upon their qualifications, merit, needs, and eligibility. The facilities encompass classrooms, libraries, offices, laboratories, meeting rooms, sports facilities, along with other facilities, which should be utilised without any



HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

form of discrimination. Services could include, but are not limited to, registration, admission, scholarship, recruitment, subscriptions, complaints, appeals, and other similar issues. Likewise, all university members are available to participate in all the university practices, contingent on their credentials and eligibility. These practices, for instance, encompass teaching, learning, research, and mentoring.

All university stakeholder groups are responsible for creating and maintaining a discrimination-free environment., where engaging in any form of discrimination will be subjected to remedial and disciplinary action.



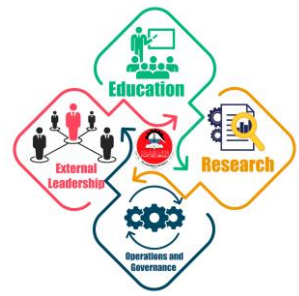
Employment policy modern slavery

The Hashemite University HU is unwavering in its commitment to ensuring the well-being of individuals and stands firmly against modern slavery, forced labor, human trafficking, and child labor. This policy applies to all university employees, students, contractors, suppliers, and other stakeholders who engage with Hashemite University. It covers all activities carried out on university premises and extends to off-campus activities directly associated with the university.

Employment policy pay scale equity

As a part of the anti-discrimination behaviour, the Hashemite University maintains pay equity by using the same salary scale for both female and male faculty members and non-academic employees. Salaries and allowances are determined based on job descriptions and positions, without regard to religion, sexuality, gender, or age, among others.



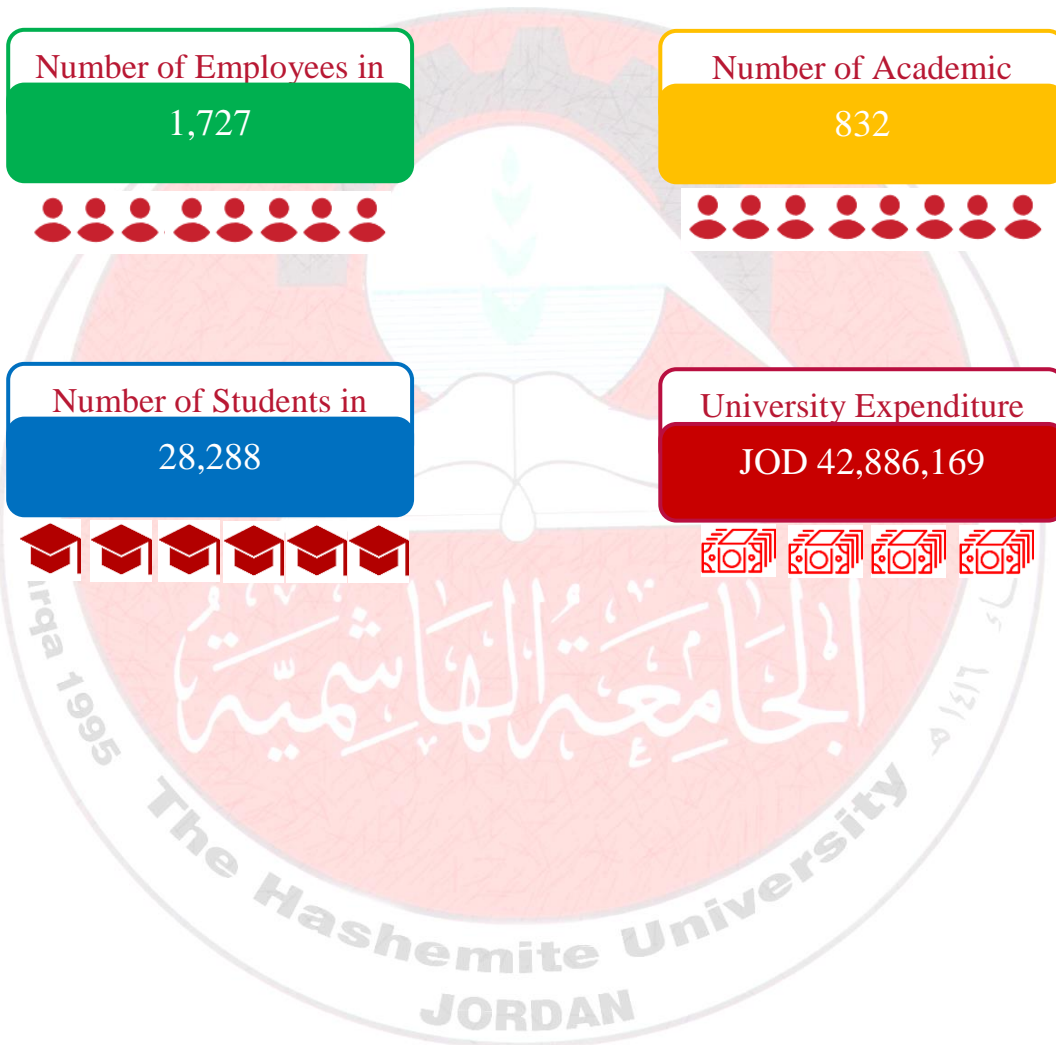


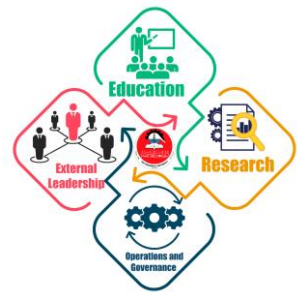
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Employment practice appeal process

Every right and privilege is outlined within a legally binding contract between the university and its employees.

STATISTICS





HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

GOAL 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE

Sustainable Development Goal (SDG) 9 aims to build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation. The Hashemite University (HU) is committed to contributing to this goal through its teaching, research, and innovation activities.

Teaching

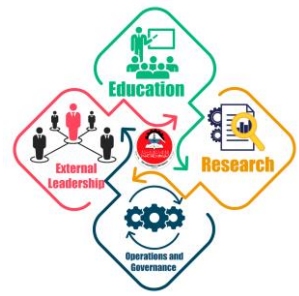
HU offers a variety of undergraduate and graduate programs in engineering, science, and technology, which prepare students for careers in industry and innovation. The university also offers a number of courses on sustainable development, including a new university elective course (Creativity and Social Entrepreneurship – Course number 1914041129) to teach tomorrow's leaders the multi-disciplinary challenges of sustainable development.

Research

HU has a strong research focus on sustainable development, with a particular emphasis on renewable energy, water efficiency, and waste management. The university has a number of research centers and institutes that are working on these and other related topics. Additionally, the university is continuously supporting and encouraging the faculty members for applying and seeking funds from local and global partners from industry and commerce. In fact, the research income from industry and commerce during the past two years was about \$1,445,415.44. More specifically, it was about \$250,707.61 in STEM, \$1,104,102.47 in medicine, and \$90,605.36 in Arts, Humanities and Social Sciences.

Innovation

HU is committed to fostering innovation and entrepreneurship among its students and faculty. For example, the university has a Pharmacy Management and Pharmaceutical Care Innovation Centre (PM&PCIC), which connects pharmacy academic research with the pharmaceutical care practice. It is a unique center in Jordan that lead to specialties-oriented training and continuous development in pharmacy management related disciplines. In addition to local community development, the center also is perceived as a facilitator for Knowledge Transfer Partnership (KTP) between the Hashemite University – Pharmacy School and strategic local and international partners. Moreover, the university has an Innovation and Entrepreneurial Projects Center that provides support services for potential entrepreneurs, companies, and those who have an idea to start a business. HU also has a number of spin-off companies that have been established by its faculty and students. . In fact, the university currently has more than 16 spin-offs which created a large number of jobs, especially for its graduated and newly graduated students. In Figure 1, we provide an example of a spin-off that the university supported called ION (<https://ion.jo>). ION is considered the first electric vehicle charging network in the country



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of Jordan. It enables the EV (Electric Vehicles) industry and promotes Zero Emission technology in Jordan.

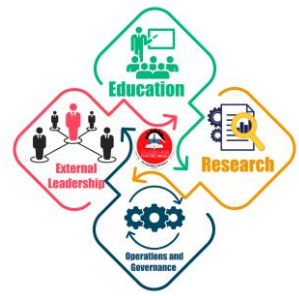


Figure 1: ION Company

Additionally, In Figure 2, we provide another example of a university spin-off that is called Algocopoeia (<https://www.algocopoeia.com/>). In Algocopoeia, the founders are trying to create a pharmaceutical encyclopedia of digitally designed extended medical algorithms, based on already formed and authorized guidelines, directed toward pharmacists.



Figure 2: Algocopoeia company



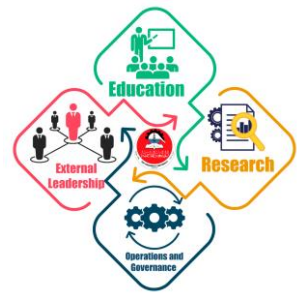
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Below are some specific and additional examples of HU's contributions to SDG 9:

- Reduction in the the number of administrative staff compared to the number of academic staff. For example, currently, the university has 1665 employees out of which 825 employees are academic (310 in STEM, 213 in medicine, and 302 in Arts, Humanities and Social Sciences).
- Continous Development of Renewable energy solar farms/projects that helped in reducing the university electricity monthly bill to zero. Additionally, the solar farms are currently providing the necessary support for the ongoing research and studies in the fields of renewable energy at the university.
- Development of new water-efficient irrigation systems. HU researchers have developed new irrigation systems that use less water than traditional systems. These systems are being used by farmers in Jordan to improve their water efficiency and productivity.
- Development of new waste management technologies. HU researchers have developed new technologies for converting waste into energy and other valuable products. These technologies are helping to reduce the amount of waste that is sent to landfills and to generate new sources of renewable energy.

Last but not least, HU is committed to continuing to contribute to SDG 9 through its teaching, research, and innovation activities. The university is playing an important role in helping Jordan to build a more sustainable and inclusive economy.





HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

GOAL 10: REDUCED INEQUALITY

The SDG-10 aims to reduce inequalities based on income, gender, religion, race, ethnicity, and disability among others. The Hashemite university is committed to equity for both workers and students and contributes toward reducing inequalities at the national level.

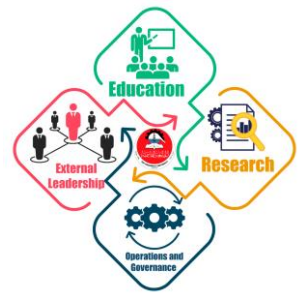
The following are the most prominent achievements, initiatives and activities toward this goal:

- A. Strategic Objective No. 6, of the University’s strategic plan 2021-2025, asserts that the University is committed to rehabilitating the campus so that students with disabilities can move with comfort, as well as provide appropriate educational means and spread sign language culture among workers and students. In particular, the university operates the Disabled Students' Welfare Division as a part of the deanship of student affairs.
- B. The Hashemite university has established the center for women’s study in the community in its effort to enhance the role of women in Jordan’s social, political and economic spheres.

The Hashemite University disabled student facilities map.



- C. The statistics of students for the academic year 2020/2021 show that over 14,000 out of around 23,500 students are females with a ratio exceeding 60% of the total university students at all levels.

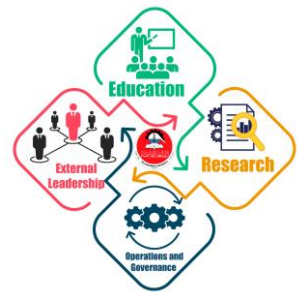


HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

- D. The statistics of employment show that females constitute around 40% of the HU employees.
- E. The Hashemite University supports the education rights of students from low-income households through the Student Support Fund in the Hashemite University, which provides grants and loans for students in need. The loan covers (60% to 90%) of the student tuition fees for each academic year. Moreover, HU established an initiative called “Dinary” through which the students are granted financial aid through this initiative.

A workshop was held at the center for women’s studies in the community.



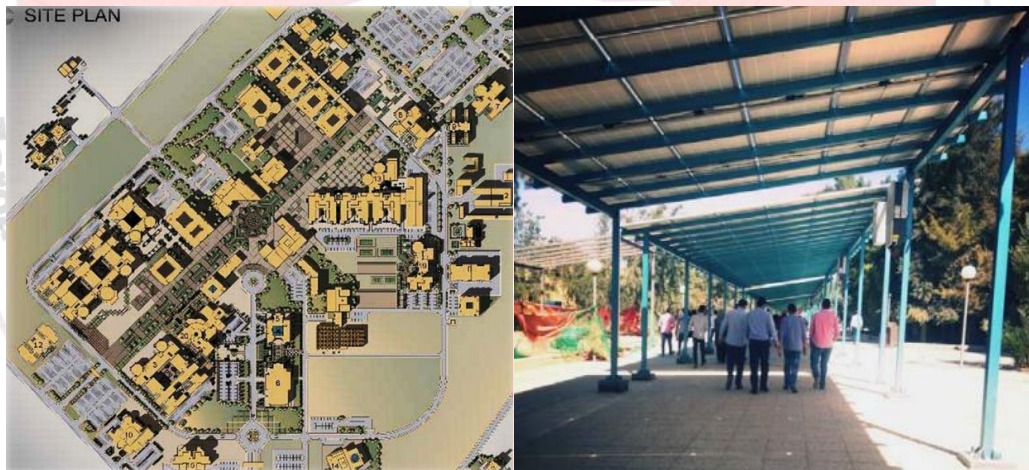


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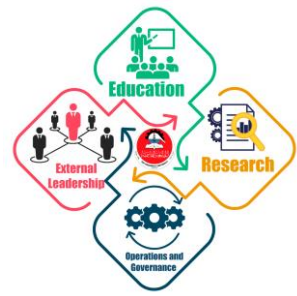
GOAL 11: SUSTAINABLE CITIES AND COMMUNITIES

The Hashemite University constantly works towards ensuring the sustainability of its built environment, surroundings, and communities. recognizing the criticality and importance of such aspects, the university has concluded several initiatives to ensure the sustainability and affordability of its built environment, facilities, and services, the resilience of its surrounding community, and the support of culture and heritage. this has been accomplished through collaborative initiatives with researchers, practitioners, and policymakers within and outside the university. although the coronavirus pandemic has - to some extent- limited the engagement of some initiatives, the university had already established a strong base for the embarkment on new initiatives and the continuity of previous ones to ensure the sustainability of cities and communities. the initiatives accomplished for this purpose include:

- A. Engaging in multiple sustainable practices, such as providing affordable housing for students, supporting pedestrian commuting within the campus, supporting sustainable transportation, and committing to local green building standards in the construction of new buildings.

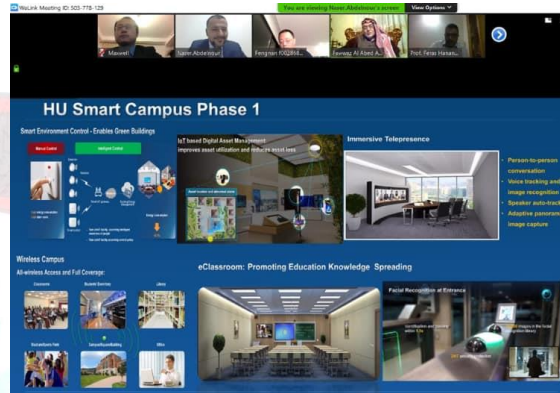


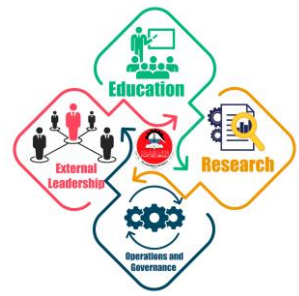
- B. Ensuring accessibility to multiple channels of knowledge at the university library, through a range of partner libraries, in addition to access to electronic journals and research databases.
- C. Supporting effective engagement of students in scientific and cultural trips and supporting access to key artistic and cultural institutions and venues, by providing transport facilities and financial subsidies (up to 75% of total trip cost).
- D. Contributing through multiple projects, initiatives, training sessions, and seminars to the preservation of tangible and intangible heritage.
- E. Supporting cultural, intellectual, and artistic events through providing facilities for training and performances and encouraging active participation in artistic and cultural events and competitions.



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- F. Dedicating part of the university expenditure to art and heritage-related projects and events.
- G. Providing smart learning rooms within the smart campus project and supporting multiple e-learning tools and channels to staff and students to support hybrid; remote and in-campus up-to-date learning.





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GOAL 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

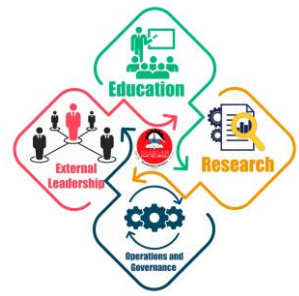
The Hashemite university applies responsible consumption and production (SDG-12) in its environmental sustainability strategy which comprises six pillars that include: renewable energy, energy efficiency, greenery and forestry, water management, pollution mitigation, and capacity building.

the following are the most prominent achievements, initiatives and activities toward this goal:

- A. The desalination plant in which saltwater is desalinated according to the most advanced technology (reverse osmoses desalination plant), with a production rate of 83 m3 per hour, which is about three times the university's consumption. the plant is one of the most distinctive domestic and Arab plants for the production of potable water and irrigation; the solar-based plant includes a teaching and research hall, electronic water quality monitoring systems, and the plant is linked to the plant's feedback ponds for further scientific research on salts in the ponds.
- B. The Hashemite university has implemented a 5 MWp photovoltaic (PV) renewable energy project that achieved 100% energy independence for the university. the project is implemented in two parts: a grid-connected project with 1,018 MWp realized as pedestrian walkways and carparks, and a 4,016 MWp realized as a medium voltage solar farm.

His majesty king Abdullah ii visits a solar-powered water desalination plant established by the Hashemite university





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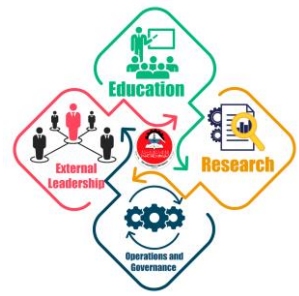
- C. The faculty and management of the Hashemite university continuously deliver workshops to promote awareness for responsible production and consumption with the support of the local ministries (e.g. ministry of water and irrigation, and the ministry of environment).
- D. The Hashemite university takes the initiative of recycling and waste management over the campus as well as the near local communities. in 2021, the Hashemite university started “strengthening community participation in solid waste management” project in the al-hāshimiyah district, which aims to deal with solid waste management and major environmental issues faced by the A-hāshimiyah society. the project aims to end with the creation of a solid waste management center in the Al-Hāshimiyah district.

A 1 MW PV realized as pedestrian walkways and carparks,



A 4 MW PV ground array provides the majority of the university’s energy requirements.

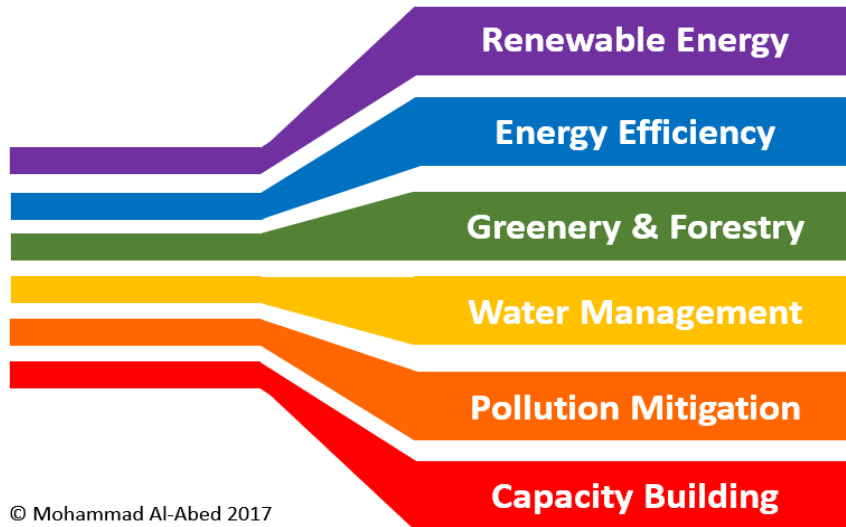




HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

The Hashemite university environmental sustainability strategy, which was initiated in 2016.

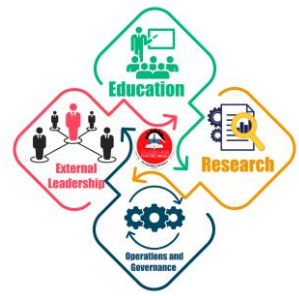
The Hashemite University's Environmental Sustainability Strategy Spectrum of Practices



© Mohammad Al-Abed 2017

A project in the Al-hāshimiyah district: Strengthening community participation in solid waste management





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GOAL 13: CLIMATE ACTION

Climate changes have a major effect on Jordan in general and on our university as a part of this country. The main two effects are decreasing rainfall quantities and increasing temperature degrees. These effects have a catastrophic impact on the ecosystems, water resources and human health. However, our university aims to have a sustainable environment within its compass that resist the climate changes effects.



The Hashemite University's Grid-Connected Project with 4,016 kWp Solar Farm

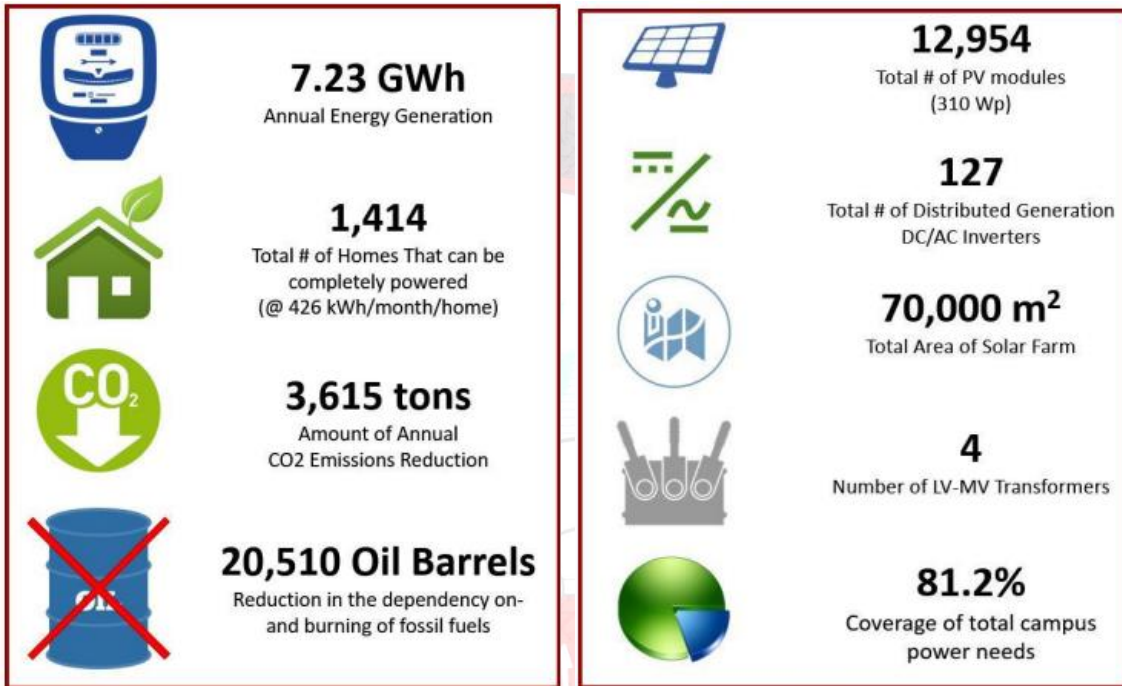


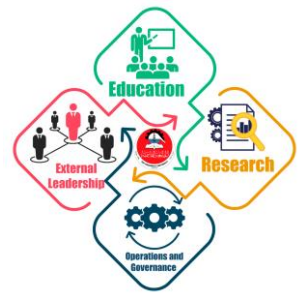
In order to achieve a resilience environment within the university that is able to pass the impacts of climate change our university carried out three strategies as follows:

- A. Establishing special educational programs about climate change and its environmental impacts for both graduate and undergraduate students. These programs aim to graduate scientists and researchers in the domain of climate change and its aspects. Furthermore, in the university, there is a course that is given to all the students from the different colleagues in the university in order to increase students' awareness about climate change.
- B. Increasing research carried out by the university evaluates the impacts of climate change on the environment. This is by increasing funds for climate changes researches. The total fund that the university offers for climate change in the year 2021-2022 is more than 2 million JD. The researchers are about climate changes and water resources, climate changes and agricultural productions and climate changes and land use.

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- C. Replacing unrenovable energy sources with renewable sources. Our university created the largest solar farm energy in Jordan and substituted the energy that comes from fusel fuel with solar energy by more than 90%. This reduces the emission of CO2 which is a major reason for climate change.





HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

GOAL 14: LIFE BELOW WATER

An increase in global awareness in the last decades has been observed regarding the aquatic environment in terms of the impacts of the word pollution and industrial waste on marine organisms. The Hashemite university supports different researchers from its faculty members and students to perform different studies and activities in order to improve and enhance the living environments in the oceans and seas. Although there are several limitations to protecting and improving the aquatic environments, The Hashemite university has done significant contributions in this regard. For example, some of the limitations include the limited coastal locations in Jordan (Aqaba coast 27 Km), and the far distance of the Hashemite university from the coast of Aqaba. Moreover, the nature of the climate in Jordan is a limiting factor which tends to be dry and desert-like specifically in Zarqa where the Hashemite university campus is located. Some of the initiatives done by The Hashemite university include but are not limited to executing different studies to provide significant contributions to improving and protecting the Aquatic environment. In addition, the Hashemite university organized several social activities for the students, faculty members, employees and community to increase awareness of the aquatic life in Jordan.

The list of some studies and activities that were performed and organized by the Hashemite university to support, enhance and increase awareness includes:

- A. Sea World and Marine Creatures Exhibition for Educational Aids

https://hu.edu.jo/NewsCenter/f_news.aspx?newsid=%2028076&dp=19-04-2016

- B. Initiating a center for renewable energy, water and the environment in the Hashemite university

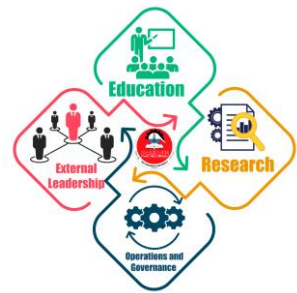
This center aims to activate interdisciplinary research activities and the accompanying economic and social development, and its impact on the environment and climatic changes in Jordan and the region.

<https://hu.edu.jo/unitcenter/index.aspx?typ=18&unitid=26000000>

- C. Initiating the Environmental and Astronomical Club to increase the student's and community's awareness regarding the hazardous factors that affect the marine environment, climate environment and other natural environments.

<https://hu.edu.jo/en/facnew/index.aspx?typ=217&unitid=70000000>

- D. The department of biology and biotechnology at the Hashemite university offers different courses that represent the importance of the aquatic environment.



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For example

Marine Biology

<https://hu.edu.jo/en/facnew/dept/CourseDetails.aspx?CrsID=2104463&deptid=51040000>

Phycology

<https://hu.edu.jo/en/facnew/dept/CourseDetails.aspx?CrsID=2104454&deptid=51040000>

- E. The Hashemite university established a Jordan Journal of Biological Sciences where different local and international studies about the Marine Biology and aquatic environment were published in the journal.

<https://jjbs.hu.edu.jo/>

- F. Different studies were accomplished at the Hashemite university about Marine Biology and aquatic environment

- Levels of trace metals in the bigeye hound shark *Iago omanensis* from the Gulf of Aqaba, Red Sea

https://www.researchgate.net/profile/Tariq-Al-Najjar/publication/287338853 Levels_of_trace_metals_in_the_bigeye_houndshark_ia_go_omanensis_from_the_gulf_of_aqaba_red_sea/links/567b01a508ae197583812f26/Levels-of-trace-metals-in-the-bigeye-houndshark-iago-omanensis-from-the-gulf-of-aqaba-red-sea.pdf

- Early Triassic intertidal/subtidal patterns of sedimentation along the southern margins of the Tethyan seaway, Jordan

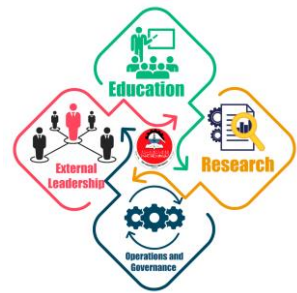
<https://www.sciencedirect.com/science/article/abs/pii/S1367912000000031>

- Indonesian marine biodiversity as a sustainable resource to support the Indonesian pharmaceutical industry in ASEAN pharmaceutical market

https://www.econstor.eu/bitstream/10419/178811/1/IJMSIT_y2015_i18_p020-024.pdf

- Evaluation of the geodynamic activity of the Dead Sea transform fault by radon gas concentrations

<https://link.springer.com/article/10.1007/s00254-004-1060-x>



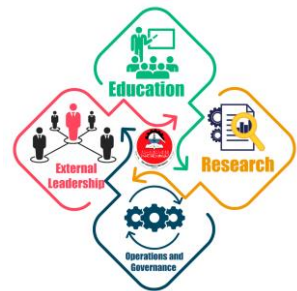
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GOAL 15: LIFE ON LAND

The environmental conditions and the risk factors that affect the land environment were extensively investigated in worldwide studies due to their hazardous impacts on animals, plants and even on human living conditions. The Hashemite university had a significant contribution to enhancing the environmental conditions in Jordan in order to improve the living conditions of the plants and animals, reduce environmental pollution and resist desertification and shortage of natural resources. This has been achieved through holding different social workshops for the students and local community to increase general awareness of the risk factors that threaten environmental living conditions. Moreover, several efforts have been done to cooperate with some governmental agencies and the local community to perform a set of activities and initiatives to examine and enhance the living conditions for the plants and animals in terms of food and water resources, resist desertification and improve the agriculture status. In addition, several studies were accomplished by specialized colleges in the Hashemite university to study, examine and improve the environmental conditions in the world, region, Jordan and specifically in the Zarqa city. Fundamentally, Three departments (the department of land management and environment, the department of earth sciences and environment and the department of water management and environment) in the prince el Hassan bin Tala faculty of natural resources and environment and other departments (department of biology and biotechnology) on the faculty of science are established to examine the ideal living conditions for plants and animals, the current life conditions and challenges and then identify the gap between the ideal and current life conditions and determine the methods for enhancing and managing these conditions.

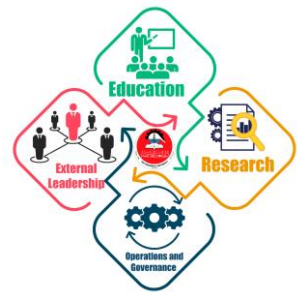
Mentioned below are some of the activities, research and workshops that represent the initiatives done by the Hashemite university in improving the environmental life conditions on the land.

- A. Establishment of Jordan's National Seeds Bank
https://hu.edu.jo/NewsCenter/f_news_0_0.aspx?newsid=32723
- B. Potential of AquaSource for Jordan: Alleviating Plant Stress from Water Shortage
<https://pic.hu.edu.jo/Upload/12000000/p13.pdf>
- C. Memorandum of Understanding between the Hashemite University and the Hashemite Farm "Bir Al-Amir"
https://hu.edu.jo/NewsCenter/f_news_0_0.aspx?newsid=%2033222
- D. A workshop discussing the mainstreaming of ecosystem services approach
https://petra.gov.jo/Include/InnerPage.jsp?ID=2220957&lang=ar&name=archived_news



HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

- E. Workshop on the occasion of the World Day to Combat Desertification
<https://www.ammonnews.net/article/694298>
- F. Workshop on environment and sustainable development
<https://alrai.com/article/169551/مجلات-ورشة-عمل-حول-البيئة-والتنمية-المستدامة-في-الهاشمية>
- G. Air Quality Impact of the Upgraded Al-Samra Waste Water Treatment Plant
http://jjees.hu.edu.jo/files/Vol7N1/Vol7N1_HQ_P19-26.pdf
- H. Scientific Day of the College of Natural Resources and Environment to raise awareness of the danger of climate change in Jordan and its impact on humans and the environment
https://petra.gov.jo/Include/InnerPage.jsp?ID=20111111&lang=ar&name=archived_news
- I. MODIS-based land surface temperature for climate variability and change research: the tale of a typical semi-arid to arid environment
<https://www.tandfonline.com/doi/full/10.1080/22797254.2020.1735264>
- J. Statistical Examining of frost characterization: A case of global warming impact in Jordan
https://www.scirp.org/html/6-9401343_6989.htm
- K. On the performance of real grey water treatment using a submerged membrane bioreactor system
<https://www.sciencedirect.com/science/article/abs/pii/S0376738814008461>
- L. Phosphorus-Sorption Characteristics of Calcareous Soils in Arid and Semi-Arid Regions
https://www.researchgate.net/publication/230793020_Phosphorus-Sorption_Characteristics_of_Calcareous_Soils_in_Arid_and_Semi-Arid_Regions



HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

GOAL 16: PEACE AND JUSTICE STRONG INSTITUTIONS

The Hashemite University has completed many milestones in regard to peace, justice and strong institutions. Starting with peace, the university offers an undergraduate course in international strategic relations and a Master's course in peaceful international dispute resolutions. In these courses, the students learn about international relations and the tools available for the international community to cooperate and peacefully solve their issues. These courses are taught by published and quoted lecturers who have written impactful papers on the subjects of peace and dispute resolution.

As for justice and strong institutions, the Hashemite University is bound by the national laws and regulations that were carefully designed to ensure justice, equity and stakeholders' participation in decision-making. This can be demonstrated by a brief look at these regulations starting from Law of Jordanian Universities No. 18 for the year 2018¹. The law states that the highest governing body of the university is the board of trustees. The board members are to be selected, by law, from certain categories that ensure the representation of many stakeholders. This board must have three members from the field of commerce and industry. These members are normally appointed from the elected members of the local commerce and industry Chambers.

The university also recognizes another important governing body called the University Council. This council includes, within its members, at least one elected faculty member from each of the faculties.

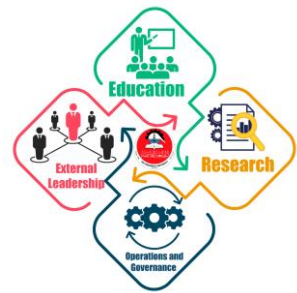
Article 15 from the Law of Jordanian Universities No.18 for the year 2018 states that this council holds the following responsibilities;

- A. Working to improve the services that the university provides in the fields of education, scientific research, training and public service
- B. Studying the annual development plan and approving it
- C. Discussing the university's draft regulations and approving them
- D. Discussing the university's budget
- E. Approving the university's performance reports
- F. Any other responsibilities presented by the president.

The university also recognizes a Student Union. The union is elected in accordance with the Hashemite University Students Union regulations². Article 3 of the regulation states that the union is entrusted with many responsibilities that include supporting the students in the University and holding social activities for them. Moreover, the law in article 14 states

¹https://hu.edu.jo/regulations/PDFDisplay2.aspx?p_website=93000000&p_type=85001&P_flag=1&p_group_no=1&p_item=2&SEQ=5

²https://hu.edu.jo/regulations/PDFDisplay2.aspx?p_website=93000000&p_type=85001&P_flag=1&p_group_no=2&p_item=3&SEQ=55



HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

that the University Council, mentioned above, must include two members from the local community. This shows that the university has a public policy that identifies local stakeholders by including them in this important council.

The university also adopts a legally binding policy regarding the freedom of research. Article 21 from the Faculty of the Hashemite University regulation no151 for the year 2003³ states that; the faculty member in the university have absolute freedom in thinking, speaking, publishing and exchanging opinions in relation to teaching, researching, and other activities in the university within the limits of the law and the university principles. This article is public and applies to all faculty members disregarding their academic level.

The university is a part of an agreement with the Municipality of Zarqa that aims at providing later with training programs, trainers, and training facilities. The university is also a party in an agreement with the Industry Chamber of Zarqa, a government institution that plays an important role in creating industry policies that aim at providing them with assistance in research and expert advice⁴.

The University is a part of an agreement with the National Center for Research and Development that aims at facilitating cooperation in the research in the following fields, scientific capabilities, energy, and biotechnology, the research of the Jordanian rural areas, water, and food. Moreover, the University is a party in an agreement with Greater Amman Municipality that aims at researching “reorganizing the reactions to long-term displacement”⁵.

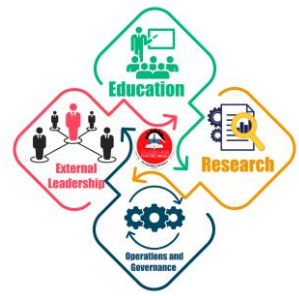
The University has always served as a neutral and safe platform for discussing various issues. For example, many conferences were held to discuss important issues like food security and digital safety. Last year, important issues like; gender, women's rights, integrity, fighting corruption, and the Covid-19 pandemic, were the subject of many meetings, discussions and conferences⁶.

³https://hu.edu.jo/regulations/PDFDisplay2.aspx?p_website=93000000&p_type=85001&P_flag=1&p_group_no=2&p_item=1&SEQ=1

⁴ https://hu.edu.jo/NewsCenter/f_news_0_0.aspx?newsid=%2033053

⁵ https://hu.edu.jo/NewsCenter/f_news_0_0.aspx?newsid=%2033053

1. ⁶ https://hu.edu.jo/NewsCenter/f_news_0_0.aspx?newsid=%2034949
2. https://hu.edu.jo/NewsCenter/f_news_0_0.aspx?newsid=%2034514
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HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

GOAL 17: PARTNERSHIPS TO ACHIEVE THE GOAL

Strengthen the means of implementation and revitalize the global partnership for sustainable development.

“Be a global citizen. Act with passion and compassion. Help us make this world safer and more sustainable today and for the generations that will follow us”

In line with this perspective, as an integral part of the global community, the Hashemite University actively engages with governments, NGOs, international stakeholders, and civil society to contribute to the advancement of Sustainable Development Goals (SDGs). Indeed, the university plays a pivotal role in realizing the sustainable development agenda by actively participating in the development of SDG policies, engaging in cross-sectoral dialogues, collecting and analyzing data relevant to SDGs, fostering the adoption of best practices for addressing SDGs, and enhancing educational initiatives aligned with the SDGs.

17.2. Relationships to support the goals

“If we do not prioritize addressing inequality as a central component of the global development agenda, our efforts are destined to be unsuccessful”

17.2.1 Relationships with regional NGOs and government for SDG policy

The Hashemite University, through (in)direct involvements, aims to enhance its connections for SDG policies with regional (non)governmental organisations. For instance, during the previous years, several agreements with various parties that tackle sustainable development-related concerns has been established. Some of them are:

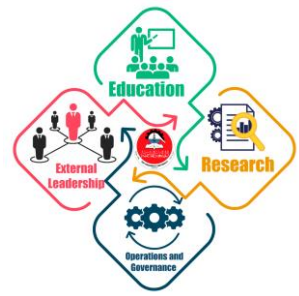
- [Al-Thoria Studies Center](#)

The main aim of this agreement is to hold training workshops for students, especially for female ones, to enable them to participate in leadership roles and the decision-making process in Jordanian universities.



- [Afaq AL-Readah for Development and Training & Hashemite Women’s Association for Social Development](#)

The university has signed agreements with (i) Afaq AL-Readah for Development and Training & (ii) Hashemite Women’s Association for Social Development. These



HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

agreements seek to serve the community, especially youth, and involve students in sustainable development programs and practices regarding developing life skills, training and rehabilitation, managing small projects, enhancing productivity, poverty reduction, and community development.



- **The Jordan Forum for Business and Professional Women**

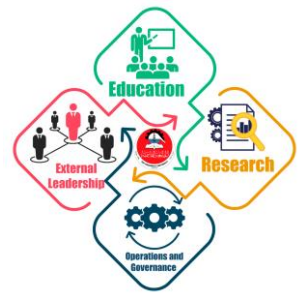
This agreement seeks to work to empower women and youth economically and help women to allow them to provide income in a dignified manner.



- **National Agricultural Research Center**

This agreement aims to cooperate in pilot projects that would enhance the efficiency of the agricultural sector in order to employ the outputs of scientific research.





HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

- Zarqa Chamber of Industry

This agreement enhances relations between the university and the industrial sector through developing industrial products, contributing to industrial creativity and innovation, technology transfer, and cooperation in the field of energy research and consulting. Moreover, this agreement aims to attract qualitative and technical investments held in the Zarqa region that can be used to provide job opportunities for graduate students, especially females, through industries that rely on technology, automation, and artificial intelligence.



17.2.2 Cross sectoral dialogue about SDGs

The Hashemite University is actively committed to advancing the sustainable development agenda by emphasizing cross-sectoral dialogues related to SDGs. In practice, the university has taken the lead in organizing and participating in numerous conferences and scholarly seminars involving government bodies and NGOs.

- [Women's economic participation in the Arab world: Prospects and challenges](#)

This conference was held by the Arab Women Organisation in cooperation with the Jordanian National Committee for Women's Affairs and the WoMENA program of the German International Cooperation Agency. This conference mainly focusing on addressing the issue of women's participation in economic life in Arab countries and the challenges facing enhancing that participation.

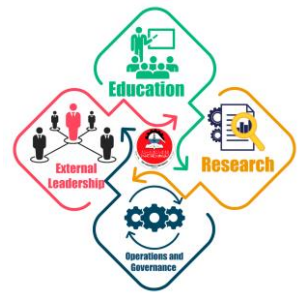


- [MENA Europe Future Energy Dialogue](#)

Building on the successful energy cooperation between the MENA region and Europe, the aim is for the conference to become a leading forum for key stakeholders in the energy sector to further improve cooperation between and within the two regions.



MEFED 2022
MENA Europe Future Energy Dialogue



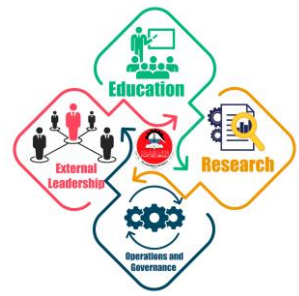
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- **The 3rd International Conference of Tourism Management & Heritage Conservation**

The purpose of this conference was to serve as a leading platform for researchers and practitioners in the fields of heritage conservation and sustainable tourism. The conference aims to facilitate collaboration, knowledge exchange, and networking among experts in these disciplines. It is managed by a Scientific Committee comprising academicians and scholars across the globe. In line with the university's initiatives to achieve Sustainable Development Goals (SDGs) in collaboration with governmental and non-governmental organizations, this conference seeks to promote sustainability, cultural preservation, and economic development within the tourism sector. It provides an opportunity for researchers to present their work, offers publication opportunities, and hosts world-renowned speakers to share their knowledge, ultimately contributing to the broader goals of education, cultural heritage preservation, and sustainable economic growth.





HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

17.2.3 International collaboration data gathering for SDG

In its effort to measure and collect data for the Sustainable Development Goals (SDGs), the Hashemite University has engaged in international collaborations on this matter.

“If we need to manage, we need to identify!”.

For instance, the Arab Network for Early Childhood held a workshop on the work of the Arab Working Group for Early Childhood Research, with the participation of the Hashemite University. The workshop was attended by committee members, a group of researchers and researchers from several Arab countries. In this workshop, and after intense and rich discussions, the group developed future steps, most notably, the creation and development of a database for committee members from research and studies related to early childhood.

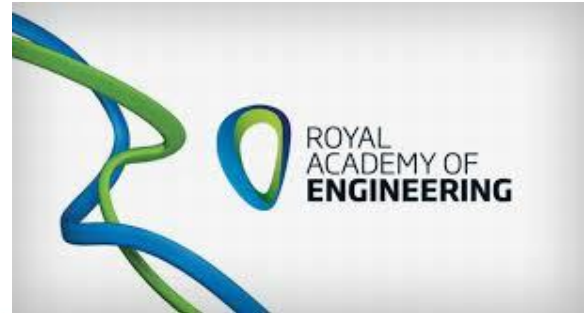


Arab Network for Early Childhood - ANECD - الشبكة العربية للطفولة المبكرة
1.1K likes • 1.2K followers



Similarly, the Hashemite University has entered into a partnership with the Royal Academy of Engineering to launch a program known as the "Transformative Collaboration Initiative." This program is designed to address urgent development and sustainability issues by (i) fostering research and innovation focused on specific challenges, (ii) creating alliances in the design and delivery of educational courses, and (iii) promoting cooperation and the exchange of knowledge.

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17.2.4 Collaboration for SDG best practice

Collaboration is essential for creating and putting into action inventive approaches to address SDGs-related challenges. In this regard, the Hashemite University, through international cooperation and research, has established leading global practices in handling the SDGs. This is evident in various agreements formed between the university and international entities, such as:

- Initiative regarding sustainable development goals, with United Nations

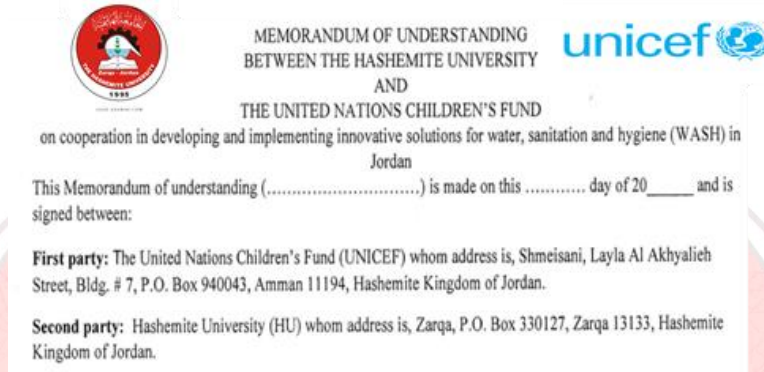
In this initiative, the resident coordinator of UN and the Hashemite University has discussed the ideas and visions to strengthen the cooperation and to promote sustainable development goals. Moreover, this initiative provided a unique opportunity to view and interact with the projects implemented at university (e.g., solar energy project, which reflects renewable energy and energy efficiency strategy, and water desalination project, which reflects the university's innovative approach to water sustainability using modern technologies).



- WASH Innovation Hub, by the UNICEF

HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

One of the key components of this memorandum of understanding is to establish “UNICEF WASH innovation hub”, aiming at (i) developing and implementing innovative solutions for Sustainable Development Goals (SDG 6 and SDG 13) at national level and (ii) leading on building capacities of surrounding communities through mutual discussion and support on what is needed at community level.



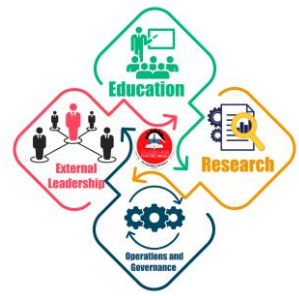
17.2.5 Collaboration with NGOs for SDGs

The Hashemite University aims to tackle SDGs through:

(i) Student Volunteering Programs

The Hashemite University and the “naua” platform, one of the initiatives of the Crown Prince Foundation, signed a cooperation agreement to involve students in volunteer work that has a vital social impact and to facilitate the practice of professional youth volunteer work for Hashemite University students. This has been achieved through “We” electric platform, which is a national platform for volunteering and youth participation, launched in partnership between “naua” and the UNICEF, in partnership with the Crown Prince Foundation and in cooperation with the Ministry of Youth.





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(ii) Research Programs

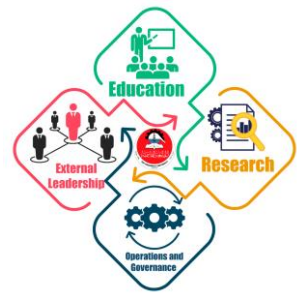
A cooperation agreement between the Hashemite University and the Green Generation Environmental Association has been signed to, for instance, implement development activities to serve the community. Under this agreement, the two parties agreed to find joint cooperation between the Center for Studies, Consultations and Community Service, represented by the Community Service Development Office, to achieve sustainable development goals through community programs and projects within environmental fields. Moreover, the two parties agreed to develop and implement joint programs to achieve common goals between the two parties in the field of sustainable development, and to implement joint research and studies.



(iii) Development of Educational Resources

The Hashemite University has signed a memorandum of understanding with Keys for Sustainable Development to implement joint projects in the areas of sustainable development and social investment. The terms of this memorandum includes an agreement to carry out joint development work, and develop programs, collective leadership, and actions for the purposes of networking for the benefit of all parties. Furthermore, this memorandum includes developing sustainable and creative development ideas and actions targeting faculty members, university students, and the local community and implementing them in a way that serves the goals of both parties, and working to empower those targeted by the programs and provide them with the necessary support and skills.





HASHEMITE UNIVERSITY – Sustainable Development Progress Report – 2022

17.4 Education for the SDGs

The mission of the Hashemite university is that *“Raising the level of scientific research, postgraduate studies, curriculum development, creating university environment for excellence, creativity and leadership, and to prepare eligible human capital who are capable of contribution to the scientific, process and development and community service to keep up with the times and modernization”*. Accordingly, the Hashemite university is keen to educate the students about social, economic and environmental sustainability through integrating the SDGs directly and indirectly in several courses and programmes.

17.4.1 The commitment to a meaningful education around the SDGs across the university, that is relevant and applicable to all students

A number of courses are offered to all university BA programs as university compulsory courses (Entrepreneurship and Innovation), and elective courses (Education for Sustainable Development, Citizenship and Human Rights, Disability and Healthy Community, and Health Education and First Aid).

17.4.2 The university as a body has dedicated courses (full degrees, or electives) that address sustainability and the SDGs

The University has three specific full degrees related to SDG's:

- MA Climate Change and Arid Land Sustainability
- BSc Land Management and Environment
- BSc Water and environment management

17.4.3 Education for SDGs in the wider Community

The community service office at the Center for Studies, Consulting and Community Service works together with community institutions to provide quality, efficient and effective development services, and quality programs and support the role of the university to achieve community development.

