



# 2023-2024 REPORT

جامعة جدارا  
Jadara University

# SUSTAINABLE DEVELOPMENT GOALS

Jadara University, Jordan

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## Vision

A university with an advanced position among local, regional, and global universities, becoming a national success story in the creation, dissemination, and application of knowledge.

## Mission

To provide high-quality education and scientific research that meets contemporary demands, supply labor market with high competencies, attract distinguished scientific talents, preserve heritage and national identity, and build strategic partnerships with the local community and all sectors, aiming for the university's high global ranking in teaching, research, and community service.

## About The Report

	<p><b>Goal 1: END POVERTY IN ALL ITS FORMS EVERYWHERE</b> In this section, the report reflects Jadara University contributions throughout the academic year 2023-2024 towards achieving SDG1 and helping reducing poverty for learners and community.</p>
	<p><b>Goal 3: ENSURE HEALTHY LIVES AND PROMOTING THE WELL-BEING FOR ALL AT ALL AGES</b> In this section, the report reflects Jadara University contributions throughout the academic year 2023-2024 towards achieving SDG3 which focuses on ensuring healthy lives and promoting well-being for all at all ages, through various initiatives, including: health education programs through offering workshops and seminars on physical and mental health, accessible healthcare services such as on-campus medical facilities and counseling services, and a healthy lifestyle promotion such as encouraging sports, and fitness activities.</p>
	<p><b>Goal 4: ENSURE INCLUSIVE AND EQUITABLE QUALITY EDUCATION AND PROMOTION</b> In this section, the report reflects Jadara University contributions throughout the academic year 2023-2024 towards achieving SDG4 and providing quality education for learners and community, in terms of training, vocational training, building capacity, development of curriculum, free sustainability programs and other quality services.</p>
	<p><b>Goal 6: ENSURE ACCESS TO WATER AND SANITATION FOR ALL</b> In this section, the report reflects Jadara University contributions throughout the academic year 2023-2024 towards achieving SDG6 and providing clean water for campus population and close community, while reserving water resources in the campus such as (rainwater, clean ground water, and treatment of wastewater). Not only that, but the reuse of tertiary treated water for several uses.</p>
	<p><b>Goal 12: ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS, LIFELONG LEARNING OPPORTUNITIES FOR ALL</b> In this section, the report reflects Jadara University contributions throughout the academic year 2023-2024 towards achieving SDG12 by reserving resources through responsible waste management, wastewater management, producing energy using renewable (solar) energy, implementing programs and initiatives to reduce gas emission, energy use, plastic, and paper use.</p>
	<p><b>Goal 17: REVITALIZE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT</b> In this section, the report reflects Jadara University contributions throughout the academic year 2023-2024 towards achieving SDG17, by engaging in national and international partnership with institutions, organizations, government, and NGOs. Partnering up to help in policy making, reserving resources, reducing poverty, providing clean water, improve education and provide support to the community.</p>

## Sustainability Policy 2018

**REF# JaU-SDP2018- Revision 2**

**Last Update March 1<sup>st</sup>, 2024**

Jadara University is committed to sustainability and to serving as a positive example through sustainable operations and education. The University will continue to become more sustainable by focusing on

### **4 areas:**

- Reducing Gas Emissions & Carbon Footprint,
- Conserving Resources,
- Educating our community, and
- National-International Partnerships for Goals.

Jadara University has tentatively identified goals in each of these areas to achieve results that will reduce its impact on the environment.

### **Focus Areas and Goals**

#### **1. Reducing Gas Emissions & Carbon Footprint**

Jadara University is committed to reducing carbon emissions on its campus. The information gathered in the initial inventory will be used to set reduction targets for future years, and a follow-up inventory will be done at regular intervals to track progress. The majority of Jadara campus carbon and other gas emissions are generated from transportation, as well as being significantly influenced by buildings when we were using boilers for heating. In the past few years, we cancelled all boilers and replaced them with AC systems with converters and are run by a smart system for reduced use of energy.

### **1.1 Energy use:**

Jadara does not purchase electricity. There is 200% on-campus electricity generation by Solar Panels and spares 100% of its generated energy to the local provider. Jadara provides over 10++ free charging stations for zero emission cars on campus.

#### **Goal:**

Reduce energy consumption through installing energy efficient LEDs, refrigerators, AC Units, machines, and Energy Star appliances such as Computers. Also, through conducting awareness informative sessions on and off campus about wise energy consumption.

### **1.2 Transportation:**

Jadara's transportation emissions are categorized as either direct or indirect. Direct emissions are the result of university fleet transportation. Indirect emissions result from students, faculty and staff commuting and program transportation. Program transportation includes curricular and co-curricular programs such as study abroad, athletics, speech team, etc. The University fleet currently includes approximately 64 vehicles which don't park inside the Campus as a policy to reduce emission.

#### **Goal:**

- Reduce emissions generated from the University fleet through use of alternative fuel and hybrid /zero emission vehicles and efficient use.
- Expand opportunities for safe and accessible pedestrians around campus.
- Develop opportunities and implement programs /initiatives to reduce and/or offset emissions from program transportation and study selected opportunities to reduce campus use of vehicles.
- Provide Free Transportation service to visitors, all students, and all staff. The fleet reaches other governorates, even the capital Amman.

### **1.3 Buildings:**

Since 2006 the University has committed to considering Energy and Environmentally friendly design in all major campus projects.

#### **Goal**

- All buildings are green buildings. Solar panels are installed on roofs of all buildings and parking lots for natural cooling systems.
- All heating units and boilers must be replaced by Energy efficient systems.

## **2. Conserving Resources**

Conserving resources through decreased use and more efficient use is a key component of reducing Jadara's impact on the environment and becoming a sustainable campus.

### **2.1 Purchasing**

Jadara's purchasing choices reflect its commitment to sustainability and impact the broader economy. Jadara already purchases some products that are more environmentally friendly and plans to expand its programs.

#### **Goal:**

- Include environmental responsibility as a consideration when purchasing goods (e.g. food, equipment, supplies, furniture, Construction Materials) and services (e.g. Catering, Cleaning, Security).
- Increase environmentally ethical purchase of products containing recycled content.
- Expand purchase of local and organic food products.
- Continue to purchase Energy Star appliances and products.
- Continue to prevent Water bottles purchases on campus and instead provide free water through fountains and coolers.

## 2.2 Waste Management

Jadara's recycling program began in 2019 as a student initiative but has dramatically increased recently during the last years. Now we have more than 11 programs to reduce waste (plastic and paper). The focus now is to continue the growth, increase student participation, and branch into other areas to reduce the amount of waste generated on campus.

### Goal:

- Continue to expand the recycling program and increase the percentage recycled (out of total waste) each year with the help of recycling services or third parties and contractors.
- Continue to monitor and measure waste (organic, non-organic, toxic and nontoxic, etc.)
- Avoid by all means to send any waste to the landfill
- Continue to minimize the use of municipal solid waste (MSW). This includes everyday items discarded by the campus population, such as plastic plates, cups, disposable diapers from the nursery of Jadara, and other single-use products.

## 2.3 Water Management

### Goal:

To design campus improvements to better utilize water, manage consumption and treatment, and to provide greater efficiencies in water utilization.

### Implementation

- **Install Efficient Water Fixtures:** Upgrade campus facilities with water-efficient fixtures such as low-flow toilets, faucets, and showerheads.
- **Rainwater Harvesting Systems:** This reduces the demand on municipal water supplies and promotes sustainable water use practices.
- **Educational Campaigns:** To raise awareness about water conservation. This can include workshops, seminars, and informational materials that highlight the importance of conscious water use both on and off campus.
- **Water Monitoring and Reporting:** Install smart water meters and ICT Systems to monitor water usage in real-time.
- **Community Engagement:** This can include collaborative projects, community clean-up.



## 2.4 Wastewater Management

### Goal:

To Continue wastewater management (treatment, measurement, analysis, recycling for reuse on campus irrigation and sprinkler systems, cleaning, flushes, and Fleet /car wash).

## 2.5 Forest Vegetation & Plant Vegetation

### Goal:

To Preserve and enhance the natural landscape (forest and plant vegetation) on campus.

### Implementation

- Increase the number of planted drought trees.
- Increase plant diversity.
- Install landscaped social spaces and seating.
- Involve students and staff in voluntary planting campaigns as part of the social responsibility.
- Promote best management practices on the land used and conscious irrigation.
- Manage and monitor the campus natural “Olive Trees Reserve” including ( wild animals) and arrange local community activities relevant to it.

## 3. Educating the Community

Operating in a sustainable manner is essential to reducing Jadara’s impact on the environment and provides a powerful example to the community. However, to truly affect global environmental change Jadara must impart a sense of responsibility to the community (students, faculty, staff, and surrounding community) to live in a more sustainable manner.

### 3.1 Students, Faculty, Staff

Students, faculty, and staff should make sustainability a part of their daily lives whether on or off campus. The University can facilitate this transition by making information on sustainability such as (but not limited to) Energy & Climate Change, Water Use and Security, Health & Wellbeing, Anti-Poverty Awareness, and Waste Reduction & Recycling; available in a variety of forms both in and out of the classroom.

### **Goal**

Expose all Jadara University students, faculty, and staff to the principles of sustainability through special programs, free training, speakers, events, and enhancement to the campus sustainability page on Jadara website.

### **Implementation Plan**

This policy will be implemented through the Sustainability Committee reporting to the Vice President (Head of Committee). Each year appropriate university personnel and students will identify specific strategies or sub-goals to achieve the goals outlined in this policy. The success and progress of the strategies or sub-goals will be noted and compiled into the annual Sustainability report and on SDG Report on the University's "Environment & Sustainability" page on our website.

## **3.2 Community**

### **Goal**

Jadara University is committed to providing local community with programs, free education, Events related to sustainability such as (but not limited to) Energy & Climate Change, Water Use and Security, Health & Wellbeing, Anti-Poverty Awareness, and Waste Reduction & Recycling.

### **Implementation Plan**

This policy will be implemented through the Sustainability Committee, reporting to the Vice President (Head of Committee) as well through Faculties, Centers, and Public Relations' Department at Jadara. Each year appropriate university personnel will identify specific strategies or sub-goals to achieve the goals outlined in this policy. The success and progress of the strategies or sub-goals will be noted and compiled into the annual Sustainability report and on SDG Report on the University's "Environment & Sustainability" page on our website.

## **3.3 Anti-Poverty Programs and Financial Aid**

### **Goal**

To continue providing support for the poor and admit local and international students (Jordanian, Iraqi, Syrian, and Africa) who fall into bottom 20% of household income group or so.

## Implementation

- Jadara University has a local-national partnership with “Own Charity” to support students of its campus and directly with the Chairman of Board of Directors of Jadara University.
- Jadara’s “Poor Student Fund” provides financial aid to students who fall into the bottom 20% of household income group or so.
- Jadara provides Free courses about Health, Food and free Vocational training and programs to reduce poverty.
- Jadara University partners up with National and International NGOs and Government Institutions in Jordan to help end poverty by helping in making policies to end poverty, holding Charity collection events, and scholarships.

## 4. National-International Partnerships for the Goals

### Goal

Jadara University continues to develop partnerships with other institutions, governments, and organizations to promote sustainable development. This could include partnering with local or national NGOs, regional or international organizations such as the United Nations, and other national / international Universities.

### Implementation

- Participate in Charity work and partner up with local or national NGOs, regional or international organizations such as the United Nations to mitigate or end poverty and support Jordanian students of low income, and displaced refugee students.
- Mobilize and share knowledge and technology through partnerships to develop policies and procedures related to sustainable development.
- Internationalize Collaboration for sharing expertise and sustainable practices.
- Participate in Conferences related to Sustainability and Scientific research.
- Participate in Rankings related to Sustainability such as IU Green Metric and THE Impact Rankings for self-assessment and continuous improvements, as well as providing these entities with data that helps in improving sustainability and policy developing around the world.
- Partner up with third party Organizations or government to provide Programs related to Sustainability.

#### ❖ **Assessment & Policy Review**

The Data in this policy is to be assessed and evaluated by Stakeholders mainly University Board, Sustainability Committee and Engineering Office every 3 years. Any updates on policy must be approved and shared electronically with staff and students via the Sustainable Development page on Jadara's Website as well as emails.

**End of Policy**

# SDGs

## 2023-2024





## SDG 1

Jadara University is a beacon of hope for underprivileged and low-income students, providing ample support and opportunities to help them pursue higher education. This esteemed institution has taken various commendable initiatives to assist students from disadvantaged backgrounds, encompassing financial aid programs, special grants, discounts, transportation facilities, and a broad-reaching policy to combat poverty, all are implemented, monitored and evaluated using Jadara's Financial Management ICT Systems including Phone apps used by the students and staff.

### Financial Aid Programs

Jadara University is actively involved in creating low-income student aid programs tailored to meet the specific needs of poor and low-income students. These programs are designed to alleviate the financial burden on students who may not have the means to cover their educational expenses. This initiative ensures that financial constraints do not become a barrier to accessing quality education.

### Support for Syrian Refugees

The university extends a helping hand to Syrian refugees by offering discounts and grants. The Syrian refugee discount is a testament to the university's commitment to inclusivity and supporting those in need. These grants provide much-needed assistance to those who have been forced to flee their home country, offering them a chance to rebuild their lives and access higher education.

### Special Grants

In addition to these targeted initiatives, Jadara University has a board of trustees dedicated to distributing special grants to all students. These grants, irrespective of their financial backgrounds, provide an additional layer of financial support, enabling students to focus on their studies and achieve their academic goals.

### Transportation Facilities

Transportation is often a significant concern for students, especially those with limited resources. Jadara University understands this challenge and provides free transportation for all its students. This not only eases the financial burden but also ensures that all students can access the university's campus and facilities without unnecessary obstacles.



## Comprehensive Support Programs

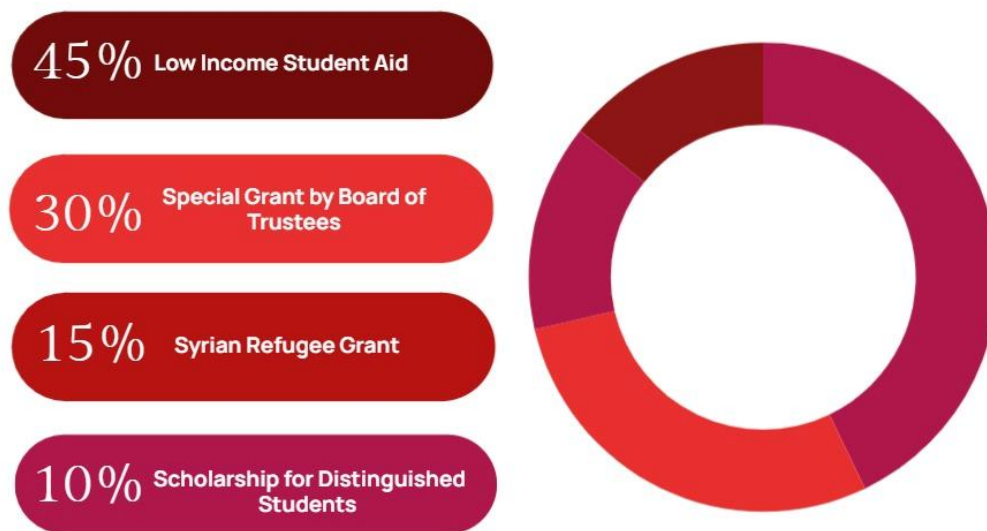
The university's commitment to assisting low-income students goes beyond financial aid. Various programs cater to the unique needs of these students, encompassing academic, personal, and career support. These programs ensure that students have the resources and guidance they require to excel in their studies and beyond.

## Policy to Combat Poverty

Jadara University has also taken the proactive step of implementing a comprehensive policy to address poverty. This policy reflects the institution's dedication to creating a more inclusive and equitable learning environment. By addressing poverty at a systemic level, the university seeks to provide a more supportive and nurturing educational experience for all students.

Jadara University stands as a beacon of hope for underprivileged and low-income students, offering a wide range of support and opportunities to help them succeed in higher education, this is shown in Figure 1.1 and Table 1.1 next.

Figure 1.1 Key Numbers Under SDG 1



In Table 1.1 the university's key activities under SDG1 are provided:

**Table 1.1 Key Activities Under SDG 1**

No	Activity	Description	Partners
1.	Low-income students aid program	Jadara University supports students in reaching their admission and graduation goals through grants and discounts from the Low-Income Student Aid Program.	Students who are of 20% Low income
2.	Special Grants by The Board of Trustees	Jadara University assists low-income students through Special Grants from The Board of Trustees.	Students who are of 20% Low income All Students based on financial status
3.	DAFI Scholarship	Jadara University partners with the DAFI Scholarship to empower Syrian refugees through targeted grants that pave the way for education and a brighter future.	Students, Refugees
4.	Syrian Refugees Grants and Discount	Jadara University supports Syrian refugees through grants and discounts from the Chairman of the Board of Directors.	International Students (Syrians)
5.	"Khidmah Watan" project	The project "Khidmah Watan" is a one-year program FREE training. Jadara Provides the training tools and materials on its own campus and labs.	Government (Ministry of Labor) and Jadara University. The entire local community and the international participants from Iraq and Syria
6.	"ERODITE" project.	Jadara University actively supports the local community by offering financial assistance to start-ups and entrepreneurs through the ERODIT agreement Also, Jadara university provides Curriculum and FREE Training for students, teachers, local training seekers from outside the campus and international students from other universities.	Erasmus Plus program is funded by the European Union, Jadara University, Jordan University of Science and Technology and Al-Balqa Applied University, partnership with universities from Turkey, Algeria, Greece, and Jordan, public.





No	Activity	Description	Partners
7.	Free transportation and internet.	Jadara University ensures equitable access for students by offering complimentary free transportation and internet for all. (Free WIFI in all buildings /all floors)	Students, Staff, Visitors
8.	Blood donation campaign and awareness seminar on breast cancer	Jadara University conducts various programs and training to improve access to essential services for all. These initiatives include a blood donation campaign, seminars on breast cancer awareness.	Students, Schoolteachers, Local Community.
9.	Anti-Poverty general policy	Jadara University is committed to making a positive impact on its campus community and beyond. To address the issue of poverty among its students, the university has established a comprehensive policy through its own charitable initiatives to help all students.	Students, Staff, Local Community
10.	Lecture about Vitamin D: Benefits, Sources, and Causes of Deficiency.	A lecture covering the benefits, sources, and causes of Vitamin D deficiency.	University, Princess Rayah Bent Al-Hussein Girls' High School in Mafraq Governorate.
11.	"OWN" Charity	NGO that is a partner of Jadara University through Jadara's Chair of Board of Directors. This charity organization provides charitable support to local community to reduce poverty on and off campus.	Students, Initiatives, Sustainability events in local community. Poor Families in Community.
12.	"Tawahodna" Program	Autism Care Provider FREE Training Centre at Jadara Campus, funded by NGO "World Associates Ltd" and the USA.	Special Education Students of Jadara University, Autism Caregivers from the community, faculty members of Special Education Department, and Syrian Refugee Students.
13.	Free Training Courses & Capacity Building	Center of Training and Consultation at Jadara Campus	Students of Jadara University, low-income community members, faculty members, and Syrian/Iraqi refugee students.
14.	*Pioneering Generative AI for Transformative Teaching Integrating *Generative AI for Pedagogical "Enhancement	Revolutionizing Education in Jordan by WURI and Jadara University	Students, refugee students, Scientific Research Center, Pioneership & Innovation Center





## SDG 3

This report highlights Jadara University's commitment to improving health and well-being through comprehensive programs and community engagement. **Key Initiatives** are as follows:

### 1. Disability Support:

The Disability Support Office at the Deanship of Student Affairs addresses the needs of students with disabilities. The office also assigns a team of volunteers from students and staff through “Jadara Club for Friends of Students with Disabilities” to assist blind students or those with mobility disabilities in writing exams, moving around the university campus, and organizing cultural, sports, and artistic activities for them with the aim of integrating them into the student community, in addition to following up on the maintenance of the facilities designated for their use. The Disability Support Office URL link:

[https://www.jadara.edu.jo/eng/deanships.php?type=mod\\_deanship&dnid=11&flag=Disabilities](https://www.jadara.edu.jo/eng/deanships.php?type=mod_deanship&dnid=11&flag=Disabilities)

### 2. Health Awareness Campaigns:

Jadara University organizes free medical days in collaboration with hospitals and medical labs, offering community members free health check-ups and consultations. These events also include education on hygiene, nutrition, and general health practices. Examples include health medical days for students, breast cancer awareness campaigns, and visits to support school-level students.



### 3. Educational Workshops:

The university holds workshops on topics such as family planning, nutrition, and healthy aging to educate the community on maintaining a healthy lifestyle and preventing health issues. For instance, diabetes lectures are regularly conducted.

### 4. Sports and Physical Well-being:

Jadara University promotes sports and exercise among its students and the local community by providing facilities and organizing events to encourage physical activity. Examples include water aerobics training at the Arena Building on campus. The university also shares sports facilities with local communities, such as the American University Schools of the Middle East and other public schools nearby.

### 5. Smoke-Free Campus:

Jadara University maintains a smoke-free policy to promote a healthier environment for all. This policy applies to all students, staff, faculty, contractors, and visitors on all properties owned, leased, or controlled by Jadara University. This includes all indoor and outdoor spaces, and University buses. This includes Implementation to enforce the rules, educating the population of campus and awareness, counseling, and access to nicotine replacement therapies. URL: [Smoke Free Policy 2018-2024.pdf](#)

### 6. Maternity and Reproductive Health:

The university offers maternity care, sexual health, and reproductive consultations directly on campus. Regular awareness and educational sessions on these topics are provided with the help of various departments and faculties. The university's initiatives and community involvement often include educational components related to reproductive health. Maternity Care URL link:

[https://www.jadara.edu.jo/eng/units.php?type=mod\\_unit&unid=7&flag=Welcome](https://www.jadara.edu.jo/eng/units.php?type=mod_unit&unid=7&flag=Welcome)



## 7. Mental Health Support:

Jadara University provides comprehensive mental health care consultations and emergency support for staff and students. Regular awareness and educational sessions on mental health are conducted with the assistance of various departments and faculties, free for staff, students, and the local community. The university invites all staff members and students to attend scheduled mental health support sessions to enhance workplace wellness and personal growth. The medical unit offers mental health support through private counseling sessions and workshops focused on stress relief, productivity, and work-life balance.

Mental health support sessions are held from Saturday to Wednesday, 9:00 AM – 3:00 PM, at the Medical Clinic Building B. To register, call +962 2 7201222 or visit the clinic reception.

For more information, visit the Mental Health Support page, URL Link: [https://www.jadara.edu.jo/eng/units.php?type=mod\\_unit&unid=7&flag=Welcome](https://www.jadara.edu.jo/eng/units.php?type=mod_unit&unid=7&flag=Welcome)

## 8. Collaborations and Outreach:

Jadara University actively collaborates with local, national, and global health institutions to enhance health and well-being outcomes. The university engages in various outreach programs and community projects, providing numerous activities and volunteering opportunities for students, staff, and community members, including Syrian and Iraqi refugee students.

## 9. Diversity & Lifelong learning Policy:

Jadara's Educating programs and activities about health & wellbeing for Staff, Students, & community (including the disadvantaged & refugees) are a real implementation of Jadara's Diversity & Lifelong learning policy. The URL link of this policy:

<https://www.jadara.edu.jo/images/gmetric/Diversity,%20Inclusion,%20Community%20Service%20&%20Learning%20Policy%202023-2024.pdf>



Key Initiatives and Programs implemented on Campus to meet Health & Wellbeing under SDG 3 are shown in detail in Table 3.1 next.

**Table 3.1 Key Initiatives Under SDG 3**

No.	Initiative	Category	Participants (Students and Community Members)
1.	Blood Bank Donation on campus 2 Days /Year	Collaboration & Outreach, Health Sector Support, Awareness	Campus Population + Local Community Members
2.	Awareness Medical Day on campus with support from Al- Qawasmi Laboratories, Trust Medical Labs, Faculty of Allied Applied Sciences at Jadara University. 1 Day / Year	Collaboration & Outreach, Health Sector Support, Awareness	Campus Population + Local Community Members
3.	Agreement with the Directorate of Royal Medical Services (Army Force)	Collaboration & Outreach, Health Sector Support, Awareness	Allied Applied Sciences (Students + Staff ) Local, National Hospital- Government
4.	Agreement with Bani Suef University In Egypt	Collaboration & Outreach, Health Sector Support, Awareness	Allied Applied Sciences + Pharmacy (Students + Staff ), Global University
5.	Agreement with a Malaysian University (A.P.U)	Collaboration & Outreach, Health Sector Support, Awareness	Allied Applied Sciences + Pharmacy (Students + Staff ), Global University
6.	Medical Awareness Day” Medicine Intervention” at Queen Alia School provided by Jadara University	Collaboration & Outreach, Health Sector Support, Awareness	School Students & Teachers, Ministry of Education, Jadara Students and Faculty Members
7.	Breast Cancer Informative session on campus with the support of King Hussein Cancer Foundation KHCC. 2 Days / Year	Collaboration & Outreach, Health Sector Support, Awareness	Campus Population + Local - National Community Members
8.	A supportive visit to “Abdullah bin Maktoum” School for the Blind & Disabled.	Collaboration & Outreach, Health Sector Support, Disability Support	Staff & students of Special Education Program in Jadara University, blind & disabled students from the local community.
9.	Jadara Club for Friends of Students with Disabilities, supported by Disability Support Office	Collaboration & Outreach, Health Sector Support, Disability Support	Deanship of Student Affairs, Local Community, Campus Population
10.	Soccer Tournament	Sport Facility Sharing (Arena Building + Indoor - Outdoor Pitches)	Campus Population + Local Community Members
11.	Swimming Training (All levels) Males-Females	Sport Facility Sharing (Arena Building + Indoor - Outdoor Pitches)	Campus Population + Local Community Members
12.	Jordanian Universities Basketball Tournament	Sport Facility Sharing (Arena Building + Indoor - Outdoor Pitches)	Campus Population + Local Community Members+ All Jordanian Universities Teams
13.	Dangers of Smoking awareness sessions, and the benefits of a smoke-free environment workshops. 1 Day per semester	Smoke – Free Campus Health Support Services	Campus Population + Local Community Members
14.	Medical Clinic Free Services: Health Care, Maternity & Reproduction Awareness, Mental Health Support	Health Support Services	Campus Population ( Staff + Students) Local Relevant Services





## SDG 4

Jadara University stands as a pillar of support for sustainable development and lifelong learning, actively engaging with the local community and providing comprehensive educational opportunities for all. This involves active support and partnership with the local community, ensuring that everyone can access quality education. The university is committed to producing high-quality learning outcomes by implementing policies and procedures to achieve lifelong learning.

### Community Engagement and Support

Jadara University has organized various educational workshops and volunteer activities that serve the local community. Many former graduates, trained through these courses, have successfully entered the job market. The university plays an essential role in advancing sustainable development by offering a variety of programs and initiatives that foster lifelong learning. In terms of events and community engagement, Jadara University organizes numerous events annually, including conferences, workshops, and training sessions related to culture, environment, and sustainability. These events foster collaborations with local and many international partners. The number of community services related to sustainability organized by university and involving students is 14 services. As well as an average of 60 events related to sustainability in the last 3 years. Examples include career development programs, community-centered workshops tailored to address societal needs, and online education platforms.

### Comprehensive Education Programs & Student Engagement

Jadara University offers comprehensive education through Undergraduate and Post-Graduate Studies, catering to more than 40 different specializations in the Undergraduate Program and 18 specializations in the Post-Graduate Program. In the 2023-2024 academic year, the campus gathers more than 9,169 students, 360 academic staff including 15 international personnel, and 285 administrators. Since 2022, students have been actively involved in over 11 sustainability startups,



working closely with faculty and the Innovation Center. The number of university programs with international collaborations is 21 programs. The number of activities organized by student organizations related to sustainability per year is 26 activities. As well as an average of 60 events related to sustainability in the last 3 years. All Educational Programs are monitored and evaluated through advanced ICT Systems such as ILOs System, E-Learning System, and Programs' Management System.

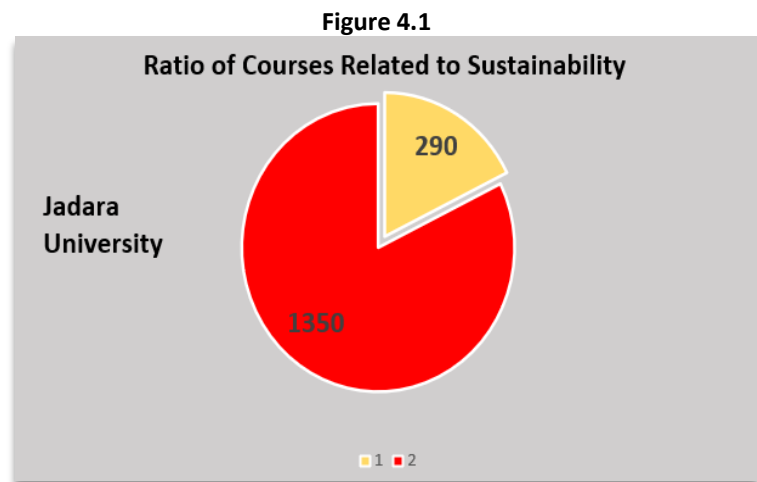
### Lifelong Learning Initiatives

The university has established dedicated lifelong learning centers to support continuous education. Through collaborations with local organizations, Jadara University provides scholarships and free resources for students in need. The university is committed to educational equality, ensuring inclusive, lifelong learning opportunities for women and rural residents.

In 2023-2024:

Ratio of sustainability courses to total courses are **21.50%**

Research fund dedicated to sustainability research is:  
**160,000 JOD**  
**225,104 US Dollars**



Jadara University holds numerous events annually that focus on Culture, Environment, and Sustainability. These events include conferences, workshops, awareness campaigns, training sessions, and environmental-related programs. The university collaborates with the local community, various partners, and international organizations to enhance these initiatives.

### Community Access to Facilities

In addition to these events, the university opens its facilities, such as the library and sports halls, to the local community free of charge. This initiative fosters a strong connection between the university and the community, promoting inclusivity and accessibility.



## Key Engagements and Activities

Jadara University's key engagements and activities that contribute to the Sustainable Development Goals (SDGs) are detailed in Table (4.1) and Table (4.2 ) next.

**Table 4.1 Key Training & Educational Activities Under SDG 4**

No	Activity	Description	Dates	Partners
1.	Jadara University Library Open to the Public	Jadara University opens its library to the public, inviting the public to access its resources.	Since November 01, 2022, until present	University, public.
2.	Lecture about Prostate and Breast Cancer: Prevalence, Causes, and Prevention	An informative lecture on the prevalence, causes, and prevention of prostate and breast cancer for the local community.	Annual- November 2023	University, local.
3.	Lecture of ISO 9001: 2015	A course focusing on ISO 9001:2015 for administrators within and outside the university.	Annual- November 2023	All the administrators within the university and outside the university.
4.	Lecture of Plagiarism detection system	A lecture discussing the importance and usage of a plagiarism detection system.	Annual- December 2023	Faculty members on and off campus
5.	Workshop of E-learning system	A workshop focusing on the implementation and utilization of the e-learning system.	Annual- December 2023	Faculty members on and off campus
6.	Workshop of Curriculum preparation	A workshop guiding faculty members on the preparation of course materials.	Annual-January 2024	Faculty members on and off campus
7.	Workshop of E-learning, exam proctoring, and e-learning platforms	A workshop covering e-learning, exam proctoring, and various e-learning platforms.	Annual-January 2024	Faculty members on and off campus
8.	The project "ERODITE" is funded by Erasmus and in partnership with universities from Turkey,	Jadara university is a partner in the ERODITE project. Jadara university provides Curriculum and FREE Training for	Since 2020: Until present	Erasmus Plus program funded by the European Union, Jadara University, Jordan University of Science





No	Activity	Description	Dates	Partners
	Algeria, Greece, and Jordan.	students, teachers, local training seekers from outside the campus and international students from other universities.		and Technology and Al-Balqa Applied University, partnership with universities from Turkey, Algeria, Greece, and Jordan, public.
9.	The project “Khidmah Watan” in partnership with Ministry of Labor (Renewable Energy Training) and for local and international students.	The project “Khidmah Watan” is a one-year program FREE training. Jadara Provides the training tools and materials on its own campus and labs.	Ongoing Program since 2020 until present	Government (Ministry of Labor) and Jadara University. The entire local community and the international participants from Iraq and Syria
10.	English Reading and Conversation Course	Improve English reading and conversation skills. 20 CH.	1/4/2023-15/5/2023	Students (Jordanians & refugees) from the community and Jadara’s Students
11.	English Conversation Course – Level One	Develop the basics of English conversation for beginners. 20 CH.	8/5/2023-30/5/2023	Students (Jordanians & refugees) from the community and Jadara’s Students
12.	English Conversation Course – Level Two	Enhance English conversation skills to an advanced level. 30 CH.	14/11/2023-19/12/2023	Students (Jordanians & refugees) from the community and Jadara’s Students
13.	Strategic Planning Course	Providing participants with effective strategic planning skills. 4 CH.	19/12/2023-26/12/2023	Students (Jordanians & refugees) from the community and Jadara’s Students
14.	Corporate Social Responsibility	Promoting the concept of social responsibility in institutions and their role in sustainable development. 4 CH.	3/1/2024-7/1/2024	Students (Jordanians & refugees) from the community and Jadara’s Students
15.	Lecture about Vitamin D: Benefits, Sources, and Causes of Deficiency.	A lecture covering the benefits, sources, and causes of Vitamin D deficiency.	Annual-March 2024	University, Princess Rayah Bent Al-Hussein Girls' High School in Mafraq Governorate.
15.	Microsoft Business Intelligence Analysis Course	Enable participants to use Microsoft tools for business. 30 CH.	March 2024-May 2024	Students (Jordanians & refugees) from the community and Jadara’s Students
16.	Basketball Refereeing Course	Training participants in basketball refereeing rules and how to apply them in practice. 16 CH.	April 2024	Students (Jordanians & refugees) from the community and Jadara’s Students
17.	Aerobic Training	Promote fitness through aerobic exercises. 8 CH.	April 2024-May 2024	Students (Jordanians & refugees) from the community and Jadara’s Students
18.	Lecture of School bullying	A lecture addressing the issue of school bullying for teachers, students, and the community.	Annual-April 2024	University, teachers of the Aisha Um Al-Mumineen Mixed Elementary School / Al-Taybeh Governorate. Female students of the Aisha Um Al-Mumineen.



No	Activity	Description	Dates	Partners
19.	Lecture of Career counseling	A lecture providing career counseling for tenth-grade female students, schoolteachers, and the local community.	Annual-May 2024	University, Tenth-grade female students, schoolteachers, the educational counselor. The local community.
20.	Webpage Design & Development	Providing participants with the skills of designing and developing websites. 36 CH.	May 2024	Students (Jordanians & refugees) from the community and Jadara's Students
21.	Workshop in Concrete science	The meaning of concrete science and the achievements of its members at the local, Arab, and global levels in the field of concrete engineering were presented. The significance of university students joining the institute and the positive impact it will have on them soon, were also highlighted.	August 2024	University, the College of Engineering at Yarmouk University, and the American Concrete Institute (ACI).
22.	"Tawahodna" Program	Autism Care Provider FREE Training Centre at Jadara Campus, funded by NGO "World Associates Ltd" and the USA.	August 2024	Special Education Students of Jadara University, Autism Caregivers from the community, faculty members of Special Education Department, and Syrian Refugee Students.
23.	Cyber Security Diploma	Vocational Diploma	Academic Year 2023-2024	90 Students (Jordanians & refugees) from the community
24.	Diploma in Medical Records and Hospital Management	Vocational Diploma	Academic Year 2023-2024	214 Students (Jordanians & refugees) from the community
25.	Diploma in Maintenance of Hybrid and Electric Cars	Vocational Diploma	Academic Year 2023-2024	247 Students (Jordanians & refugees) from the community



**Table 4.2 Key Students & People from Community Engagements Under SDG 4**

No.	Project name	Participants (Students and Community Members)	Project Duration	Place
15.	Campus-Wide Recycling Initiative	30	1 day per year	Campus
16.	Community Garden and Urban Farming	15	3 months	Campus/Local Community
17.	Energy Conservation Campaign	18	1 month	Campus (Buildings and Dorms)
18.	Tree-Planting and Green Space Development	30	1 day per year	Campus/Local Parks
19.	Water Conservation Educational Program	22	1 day per year	Campus/Local Community
20.	Clothing Swap Event	All student	2 days per year /Fall and Spring Semesters	Campus (Student Center)
21.	Book Swap Event	All student	1 day per semester	Campus Library/Student Center
22.	Sustainable Transportation Initiative	All student	Ongoing	Campus/Local Community
23.	Blood Bank Donation	20	2 days per year	Campus/ health
24.	Paper Use Reduction Awareness	10	Ongoing	Campus
25.	Renewable Energy Training “ Khedmat Watan” Program/With the partnership with Ministry of Labour	100	Local and International Communittees/Annually	Campus
26.	International Cultural Exchange Delightful. Istanbul Program	30	Each Semester/3 Semesters	International Universities-Turkey
27.	Youth Training for Soft Skills & Employment Skills/Job Placement	120	40 students and Youth from local Community	Campus
28.	CORD Student & Community Program	4 Jadara Students + 3000 Team Members from all over the world	All year round	Jadara’s Campus & Lisbon-Portugal





## SDG 6

Jadara University has achieved a significant milestone in becoming water self-sufficient through the implementation of an advanced water conservation system. The University's comprehensive approach to water self-sufficiency and conservation demonstrates its commitment to sustainability and environmental stewardship. Through innovative ICT systems, Mobile Apps, and efficient resource management, the university not only meets its water needs but also sets a benchmark for other institutions to follow. This report outlines the key components and strategies that have enabled the university to meet its water needs sustainably and SDG6.

### **Water Coolers and Rainwater Harvesting**

Jadara University has installed water coolers across all common areas on campus. These coolers provide filtered water sourced from the university's artesian well, allowing students and staff to fill reusable containers and reduce plastic waste. This system ensures that 100% of the drinking water needs are met.

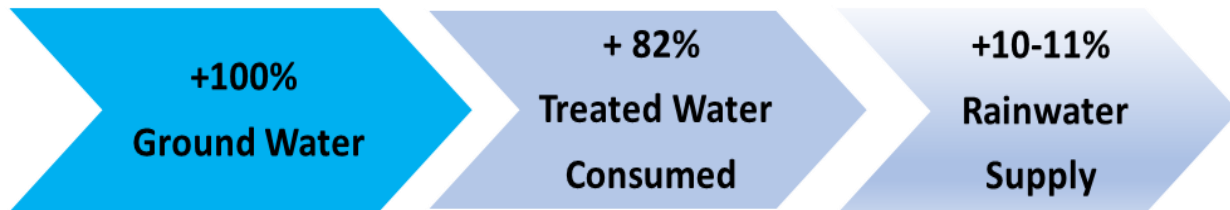
Additionally, rainwater is collected from the roofs of the four main buildings and stored in a 200 m<sup>3</sup> in-ground tank. The collected rainwater undergoes tertiary treatment and is then used for landscape irrigation such as green pitches, sidewalks, common areas on campus, water-drought flowers, Palm trees, Forest trees, agriculture irrigation mainly for Olive Trees Field, vehicle owned by the university cleaning, toilet flushing, fire protection. This seasonal collection, primarily during winter and spring, contributes approximately 10% to the university's water consumption. Combined with tertiary-treated sewage wastewater, which accounts for 72% of water consumption, the total treated water used is 82%.



## Artesian Well

The university owns an artesian well that provides a reliable source of clean, drinkable groundwater. The well, which is over 440 meters deep, supplies 130 m<sup>3</sup> of water per day, operating for 12-13 hours daily. This renewable water source, replenished every 10 years, covers more than 100% of the university's water consumption needs. The water is distributed through a specialized piping system to coolers, drinking fountains, kitchens, WC faucets, labs, and other facilities.

**Figure 6.1 Key Numbers Under SDG6**



## Water Efficiency and Hygiene

To further enhance water conservation and promote hygiene, Jادارا University has installed 450 sanitizers in halls, hallways, and rooms across all buildings. This initiative aims to decrease water usage and encourage proper hygiene practices. Also, a Water Efficient Pumping system through using misers in the 5 main buildings and Pumping Control System (ICT) is connected to both Artesian Well (Ground Water) & (Rainwater) in-ground tank. Additionally, water-efficient appliances have been installed in all five buildings on campus, achieving a 99.2 % efficiency rate.





## 12 RESPONSIBLE CONSUMPTION AND PRODUCTION



### SDG 12

Jadara University has implemented a variety of strategies to enhance the efficiency of both consumption and production across its campus. These strategies include the introduction of several policies aimed at achieving this objective, as well as the implementation of a recycling system for different types of waste through a third-party service. The policies are designed to minimize the negative environmental impacts of campus waste, reduce landfill waste, and ensure the responsible disposal of materials such as plastic, paper, glass, and metal.

#### Enhancing Consumption and Production Efficiency

The university is focused on reducing the unnecessary use of raw materials and promoting waste recycling, composting, and energy recovery to further decrease landfill waste. Jadara University is committed to maintaining an effective waste management program that meets or exceeds all legislative and regulatory requirements.

In addition to waste management, Jadara University's procurement choices for goods, services, and food products reflect its commitment to sustainability and its impact on the broader economy. According to its Procurement and Investment policies, the university prioritizes purchasing environmentally friendly products and plans to expand its sustainability programs. Table 12.1 provides details on the energy-efficient appliances purchased and used on campus.

**Table 12.1 Energy Efficient Appliances**

Appliance	Total Number(unit)	Total number energy Efficient appliances	Percentage
LED Lamp	15200	15200	100%
EnergyStar –certified computers HP/Dell	840	840	100%
Zero Client (Lower Energy Consumption)	60	60	100%
AC / Inverter split unit	50	50	100%
Ac/ Inverter Central	6 buildings	5 buildings	83%
Fridges (Full Inverter)	13	10	77%0
		<b>Average Percentage</b>	<b>93.4%</b>



## Recycling and Waste Reduction Initiatives

Jadara University has implemented a Single Stream Recycling system to facilitate the recycling of materials such as plastic, cans, paper, and other waste by staff and students. Regular waste is collected by a service contractor and then sorted and treated by a third party based on the type of material.

Since 2019, the university has introduced policies to regulate paper use, including double-sided printing and using emails as an alternative for correspondence. In 2018, Jadara University began digital archiving to reduce paper waste. As a result, paper waste on campus has decreased from approximately 5 tons to 2.5 tons, a 50% reduction. All paper waste is collected by a contractor for treatment.

Additionally, the university has banned plastic bags on campus and initiated a program to reduce plastic use. This includes providing pure groundwater through fountains and coolers, significantly decreasing the purchase of water bottles. Previously, the campus population used over 0.5 tons of plastic, but this has recently been reduced by 40%.

To maintain the goal of eliminating plastic items on campus, the university presidency circulates a notice at the beginning of each academic year to inform students, academic staff, administrative staff, and service suppliers. Furthermore, the university plans to organize awareness workshops on the role of recycling in addressing national environmental challenges in Jordan, with participation from governmental sectors such as the Ministry of Environment and the Greater Amman Municipality.

**Figure 12.1**





## Organic Waste Management

Jadara University ensures that all organic waste, including food and plant waste, is fully treated and converted into compost by a contractor. This compost is then reused as fertilizer for the campus plants. To encourage students' participation in the recycling process, the university presidency, at the beginning of each academic year, increases the number of recycled trash cans to cover the demands. During the academic year, the university produced and treated 309.5 tons of organic waste, as detailed in Table 12.2.

**Table 12.2 Organic Waste Measurements**

Type of organic waste	Total Produced (ton)/Year	Total Treated Collected & recycled by A third party
Food waste (Cafeteria) (4680 population) 50 kg per person /year	296 Tons	296 Tons
Waste from Olive Trees (134 tree) 6Kg/tree	0.80 Ton	0.80 Ton
450 Palm Waste leaf (Sizing: Cutting, Shredding, Grinding) 20Kg /Tree	11.25 Tons	11.25 Tons
Grass (125 Kg per area /year) for 8 areas	1 Ton	1 Ton
<b>Total</b>	<b>309.5 Tons</b>	<b>309.5 Tons</b>

## Inorganic Waste Management

Jadara University manages inorganic waste, including e-waste and electrical waste, by storing it and having contractors pick it up for recycling. The university generates approximately 0.6 tons of metal, aluminum, and glass waste annually. Managing hazardous and toxic waste is a top priority due to its high toxicity and potential environmental impact. During the academic year, the university produced and treated 299.33 tons of inorganic, non-toxic waste, as detailed in Table 12.3.

**Table 12.3 Inorganic Non-Toxic Waste Measurements**

Type of inorganic non-toxic waste	Total Produced (ton)/Year	Total Treated Collected & recycled by A third party
Paper /cardboard carton	2.5 Tons	2.5 Tons
Soft plastic (gloves) + old files	0.5 Tons	0.5 Tons
General Waste Trash without //paper and plastic	296 Tons	296 Tons
Hard Plastic/ Glass	0.18 Tons	0.18 Tons
Metal scrap/Glass from renovations	0.6 Tons	0.6 Tons
<b>Total</b>	<b>299.33 Tons</b>	<b>299.33 Tons</b>



## Laboratory Waste Management

Laboratory waste at Jadara University, though produced in small amounts, is temporarily stored in designated storage rooms. Lab supervisors are responsible for safely packaging this waste, adhering to safety protocols and Ministry of Health and Environment regulations. Hazardous medical and chemical waste is sent to a third-party facility, which operates one of the largest medical waste incineration units with a design capacity of 4 tons per day and meets European standards for gas emissions. During the academic year 2023-2024, the university produced and treated 0.55 tons of toxic material, as detailed in Table 12.4.

**Table 12.4 Toxic Waste Measurements**

Type of toxic waste	Total Produced (ton)/Year	Total Treated Collected & recycled by A third party
e-waste	0.5 Tons	0.5Tons
Lab. Chemicals /liquids: (51.5 kg whole year only)	0.051 Tons	0.051 Tons
<b>Total</b>	<b>0.55 Tons</b>	<b>0.55 Tons</b>

## Wastewater Treatment and Management

Jadara University has introduced comprehensive water management and wastewater management programs to enhance water utilization efficiency and ensure effective consumption and treatment. These initiatives include wastewater treatment, measurement, analysis, and recycling for reuse in campus irrigation, sprinkler systems, cleaning, toilet flushes, and vehicle washing.

A Water Recycling Program has been established to achieve zero water waste on campus. Sewage water is directed through a drainage system to a tertiary treatment station, where it is treated and then recycled for various purposes, including irrigation, toilet flushing, and vehicle washing.

Additionally, Jadara University has established an artesian well that provides a renewable supply of clean, drinkable groundwater, amounting to 130 m<sup>3</sup> per day with 12-13 hours of operation. The well, which is over 440 meters deep, meets more than 100% of the university's water consumption needs. The water is distributed through a specialized piping system to coolers, drinking fountains, kitchens, washroom faucets, laboratories, and other facilities.



Since its establishment in 2006, Jadara University has operated an on-campus water treatment plant. In 2022, the university's Sustainability Team, in collaboration with the Governance and Engineering & Facility Management Office, developed a comprehensive wastewater management plan. This plan involved testing and analyzing wastewater volumes and quality with the help of an external service provider, using the "RVNC CONNECT App/Real VNC Server" software for remote management and monitoring.

**Implementation:** Jadara University has installed sensors and fixtures integrated with an ICT system to operate the wastewater treatment plant. Smart meters and the "RVNC CONNECT App/Real VNC Server" software have replaced old manual systems. The university is also planning to implement smart waste bins with real-time tracking software to monitor and manage waste collection, pending approval and vendor quotations.

**Monitoring:** The Engineering & Facility Management team tracks the wastewater treatment process and quality, providing real-time reports to the sustainability team with recommendations for improvements.

**Evaluation:** The Sustainability Office receives feedback reports on wastewater treatment through the software's feedback feature, allowing for continuous evaluation and easy access to analysis reports.

**Revision:** The university's Sustainability Policy is revised every three years, incorporating updates and improvements recommended by the sustainability team and stakeholder feedback. The last revision included updates to the software's user interface to enhance usability for new users.



## 17 PARTNERSHIPS FOR THE GOALS



### SDG 17

Jadara University has been actively enhancing the means of implementation and revitalizing global partnerships for sustainable development. This includes cooperation in health, education, energy, finance, technology, policy making, data, anti-poverty programs, and multi-stakeholder partnerships. By achieving Sustainable Development Goal (SDG) 17 on campus, Jadara University, along with other higher education institutions, plays a crucial role in advancing the global sustainability agenda through research, education, outreach, and operations.

#### Jadara's Contributions to SDG 17

Jadara University has made significant contributions to SDG 17 through various initiatives:

- **Quality Education:** The university provides quality education that equips students with the knowledge, skills, values, and attitudes necessary to become responsible global citizens and agents of change for sustainability.
- **Partnerships and Engagement:** Jadara engages with local, national, and international partners from the public, private, and civil society sectors. This collaboration facilitates the exchange of knowledge, resources, and expertise, and supports the implementation of joint projects and initiatives that promote sustainability. The number of university programs with international collaborations is more than 21 programs.
- **Institutional Alignment:** The university aligns its institutional policies, strategies, and operations with the principles and objectives of sustainable development. Jadara also reports on its progress and impacts using transparent and accountable methodologies.

#### Collaborations and Achievements

Jadara University collaborates with various local and national partners to promote sustainability awareness and action both on campus and within the community. Records from 2023-2024 indicate that since the creation of its sustainability policy in 2018, Jadara University has engaged in over 100



Memorandums of Understanding and agreements with international and national institutions to pursue overall sustainability goals.

Through its comprehensive approach to sustainable development, Jadara University demonstrates a strong commitment to SDG 17. By fostering quality education, engaging in meaningful partnerships, and aligning its operations with sustainable principles. The university's significant contributions to the global sustainability agenda are listed in Table (17.1).

**Figure 17.1 Key Partnerships Under SDG 17**

No	Partner	Country	Activity	Date	Term
1.	American International University	USA, Jordan	Capacity Building Agreement (MoA ) with the Center of Training & Consultations of Jadara University	11/6/2024	1 year
2.	Areej for Training Academy	Jordan	Capacity Building Agreement (MoA ) with the Center of Training & Consultations of Jadara University	10/7/2024	1 year
3.	Islamic Hospital	Jordan	Medical & Health Care Training (Student of Doctor of Pharmacy Program + Students of all Allied Applied Sciences Programs)	2024	1 year
4.	Irbid Specialty Hospital	Jordan	Medical & Health Care Training (Student of Doctor of Pharmacy Program + Students of all Allied Applied Sciences Programs)	2024	1 year
5.	Al-Qawasmi Hospital	Jordan	Medical & Health Care Training (Student of Doctor of Pharmacy Program + Students of all Allied Applied Sciences Programs)	2024	1 year
6.	Helmholtz-Zentrum for Materials & Energy	Berlin, Germany	Academic Collaboration (MoU), Energy Education	10/09/2024	5 years
7.	Silal For Languages, IT, Marketing ( Cool Teacher Platform)	Jordan	Vocational Diplomas, and online access for learning to all.	29/9/2024	1 year
8.	AT Jordan Agency	Jordan	Vocational Diplomas in Advertising & Marketing, Film Making, Social media, Production and Editing, etc.)	25/9/2024	1 year
9.	Cultural Arabic Lisan Academy	Jordan	Vocational Diplomas	25/9/2024	1 year
10.	SAISI IAINK IAINP IAINM IAIN TERNATE SIIM UHNGBSD	Indonesia	Several ( MOUs): Academic Collaboration, Short term and long term programs	4/9/2024	5 year



11.	World Associates Ltd	USA, Jordan	"Tawahodna" project to train Autism Care providers (Students + Community Members) Funded by the USA.	12/8/2024	2 years-open
12.	Mcgraw Hill Professional	USA	Agreement on Online Educational Materials and Content with intensive access to Library System	1/8/2024	1 year
13.	Arab Network for Creativity & Innovation	UAE	Support Talented students provide oppurtunities for Innovation.	23/7/2024	1 year
14.	The American-British Academy	Jordan, USA, Britain	Vocational Diplomas, Training: Hybrid Cars, Health, Special Education, Energy, IT, Cooking, Financial Management	23/7/2024	5 years
15.	University of Damascus	Syria	( MOU ) Academic Collaboration, Short term and long term programs	3/7/2024	5 years
16.	ASU	Bahrain	( MOU ) Academic Collaboration, Short term and long term programs	1/7/2024	3 years
17.	Yunus Emre Institut	Turkey	(MoU) Teaching Turkish Language for students	20/5/2024	3 years
18.	Eastern Mediteranean University	Turkey	( MOU ) Academic Collaboration, Short term and long term programs	27/3/2024	5 years
19.	University of Samarra	Iraq	( MOU ) Academic Collaboration, Short term and long term programs	4/3/2024	5 years
20.	Middle Technical University	Iraq	( MOU ) Academic Collaboration, Short term and long term programs	5/3/2024	5 years
21.	Al-Nour College	Iraq	( MOU ) Academic Collaboration, Short term and long term programs	6/3/2024	5 Years
22.	Al Quds Open University	Palestine	( MOU ) Academic Collaboration, Short term and long term programs	5/3/2024	5 years
23.	Waset University	Iraq	( MOU ) Academic Collaboration, Short term and long term programs	5/3/2024	5 years
24.	Maqadesho University	Sumalia	( MOU ) Academic Collaboration, Short term and long term programs	5/3/2024	5 years
25.	Beirut Universal University	Lebeanon	( MOU ) Academic Collaboration, Short term and long term programs	5/3/2024	5 year
26.	Kasdi Merbah University of Orougla	Algeria	( MOU ) Academic Collaboration, Short term and long term programs	25/2/2024	5 years
27.	German Jordanian University	Germany-Jordan	( MOU ) Academic Collaboration, Short term and long term programs	3/1/2024	3 years
28.	ReSkills EdTech	Malaysia, Global	Free Capacity Building for Staff & Students	10/11/2023	Open
29.	UPM	Malaysia	Intent Letter // Collaboration	10/11/2023	Open



30.	Arabic-Turkish Institute for Turkish Studies and Strategic Economic Cooperation	Turkey	Turkish Studies and Strategic Economic Collaboration	10/11/2023	5 years
31.	Middle East University in Baghdad	Iraq	( MOU ) Academic Collaboration, Short term and long term programs	10/11/2023	5 years
32.	Diponigoro University	Indonesia	(MoUs) Faculty of Vocational School Faculty of Engineering Faculty of Arts School of Business Faculty of Law Faculty of Pharmacy	9/11/2023	5 year
33.	Hope Education Group	Hong Kong, China	(MOU) Cultural Exchange and Development of Education	8/11/2023	3 years
34.	The American University of Science (AUS)	USA	( MOU ) Academic Collaboration, Short term and long term programs	8/11/2023	5 years
35.	USIM	Malaysia	Intent Letter // Collaboration	6/11/2023	Open
36.	International Center for Scientific Research & Studies LTD in London	UK	Scientific Research & Journals Agreement	25/10/2023	Until 100 Papers are published
37.	Human Restart NGO	Germany	International Educational Development	14/10/2023	1 year
38.	Najm Al Majal Co.	Jordan	Waste Management on Campus	1/10/2023	Open
39.	MyDispense-Monash University	USA	Pharmaceutical Education and Exchange Discussion	25/9/2023	Open
40.	Bani-Suef University	Egypt	( MOU ) Academic Collaboration, Short term and long term programs	18/9/2023	5 years
41.	International Organization for Islamic Marketing - London	Jordan	Marketing Jadara university programs	01/09/2023	5 years
42.	Agreement with the European Union - Erasmus Plus project	Romania	Exchanging scientific experiences and scientific consultations	2022-Present	5 years
43.	HULT-PRIZE Jadara Students & Faculty Members	Portugal	CORD – Sustainability Program By Jadara Students aim to change innovative ideas into entrepreneurship (this project is about recycling and reusing clothes waste)	21/07/2023	Long Term
44.	Agreement with the Jordan Institute for Creativity and Innovation	Saudi Arabia	Exchanging scientific experiences and scientific consultations	25/05/2023	5 years
45.	Agreement with Sabratha University	Libya	Exchanging scientific experiences and scientific consultations	22/05/2023	5 years



46.	UNESCO -IRCAI Center of Development & Innovation-Jadara University	Slovenia	Startup: An AI-based Cervical Cancer Prediction Using Machine Learning Techniques) Prize Winning Project.	6/5/2023	Long Term
47.	UNESCO -IRCAI Center of Development & Innovation-Jadara University	Slovenia	Startup: An AI based Classification System for Aggregate using Image Processing and Artificial Neural Network)Prize Winning Project.	6/5/2023	Long Term
48.	An agreement with Aydin University/ Istanbul	Turkey	Exchanging scientific experiences and scientific consultations	08/04/2023	5 years
49.	Agreement with Istanbul Commerce University	Turkey	Exchanging scientific experiences and scientific consultations	08/03/2023	5 years
50.	Agreement with Ahlia University	Bahrain	Exchanging scientific experiences and scientific consultations	23/02/2023	5 years
51.	Agreement with Universiti Kebangsaan Malaysia (UKM)	Malaysia	Exchanging scientific experiences and scientific consultations	12/02/2022	5 years
52.	An agreement with Royal Medical Services Directorate	Jordan	Training for pharmacy students, Doctor of Pharmacy and allied medical sciences specialties	15/09/2022	5 years
53.	An agreement with Bogdan Voda University / Cluj-Napoca	Romania	Exchanging scientific experiences and scientific consultations	14/09/2022	5 years
54.	The College of Elders of Iraq for Transitional Justice	Iraq	Exchanging scientific experiences and scientific consultations	28/08/2022	5 years
55.	An agreement with Arab Institute for Accountants & Legal	Dubai	Exchanging scientific experiences and scientific consultations	20/08/2022	5 years
56.	An agreement with University of Technology Malaysia	Malaysia	Exchanging scientific experiences and scientific consultations	19/08/2022	5 years
57.	An agreement with Duhoki Polytechnic University	Germany	Exchanging scientific experiences and scientific consultations	05/08/2022	5 years
58.	An agreement with the University of Economics for Management (HDWM)	Germany	Exchanging scientific experiences and scientific consultations	05/08/2022	5 years
59.	An agreement with University of Applied Management Studies	Germany	Exchanging scientific experiences and scientific consultations	05/08/2022	5 years
60.	An agreement with Abbey College	Unitet Kingdom	Exchanging scientific experiences and scientific consultations	05/08/2022	5 years
61.	An agreement with İstanbul 29 Mayıs University	Turkey	Exchanging scientific experiences and scientific consultations	06/06/2022	5 years
62.	Agreement to provide technical support services and maintenance of the academic system, financial and administrative systems	Jordan	Maintenance of university electronic systems	06/09/2021	5 years
63.	An agreement with Aoun National Cultural Association	Jordan	Helping and supporting university students	23/06/2021	5 years
64.	An agreement with the University of North America	USA	Exchanging scientific experiences and scientific consultations	20/06/2021	5 years
65.	International Balkan University	Turkey	Exchanging scientific experiences and scientific consultations	24/05/2021	5 years
66.	University of Yalova	Turkey	Exchanging scientific experiences and scientific consultations	24/05/2021	5 years
67.	Bayan University BNU / Erbil - Kurdistan	Iraq	Exchanging scientific experiences and scientific consultations	17/05/2021	5 years
68.	Income Sales Tax Department/ Ministry of Finance	Jordan	Training for students of customs and tax sciences	15/03/2021	5 years





69.	An agreement with Jahan University	Turkey	Exchanging scientific experiences and scientific consultations	07/03/2021	5 years
70.	Kandi university	Turkey	Exchanging scientific experiences and scientific consultations	07/03/2021	5 years
71.	Memorandum of understanding with the Al-Quds Institute of Higher Education, Afghanistan	Afghanistan	Exchanging scientific experiences and scientific consultations	06/03/2021	5 years
72.	An agreement with Mirwais Neeka Institute of Higher Education	Afghanistan	Exchanging scientific experiences and scientific consultations	06/03/2021	5 years
73.	An agreement with Salam University	Afghanistan	Exchanging scientific experiences and scientific consultations	06/03/2021	5 years
74.	An agreement with Jami University	Afghanistan	Exchanging scientific experiences and scientific consultations	06/03/2021	5 years
75.	An agreement with Jahan University Kabul	Afghanistan	Exchanging scientific experiences and scientific consultations	06/03/2021	5 years
76.	Memorandum of understanding with Asia Higher Education Institute	Afghanistan	Exchanging scientific experiences and scientific consultations	06/03/2021	5 years
77.	Memorandum of understanding with "Jatan Tolo Aftob" Afghanistan Higher Education Institute	Afghanistan	Exchanging scientific experiences and scientific consultations	06/03/2021	5 years
78.	Memorandum of understanding with Rokhan Institute of higher education (RIHE)	Afghanistan	Exchanging scientific experiences and scientific consultations	06/03/2021	5 years
79.	Memorandum of understanding with Bayazid Rokhan Institute of Higher Education	Afghanistan	Exchanging scientific experiences and scientific consultations	06/03/2021	5 years
80.	Memorandum of understanding with Tanveer Institute of Higher Education	Afghanistan	Exchanging scientific experiences and scientific consultations	06/03/2021	5 years
81.	Memorandum of understanding with Hekmat Higher Education Institute	Afghanistan	Exchanging scientific experiences and scientific consultations	06/03/2021	5 years
82.	An agreement with Marmara University	Turkey	Exchanging scientific experiences and scientific consultations	06/03/2021	5 years
83.	An agreement with Techno Park University Ankara	Turkey	Exchanging scientific experiences and scientific consultations	07/02/2021	5 years
84.	كلية شط العرب Shat Al-Arab-College	Turkey	Exchanging scientific experiences and scientific consultations	07/02/2021	5 years
85.	An agreement with Al Qalam University College	Kirkuk/Iraqi Kurdistan	Exchanging scientific experiences and scientific consultations	02/12/2020	5 years
86.	An agreement with Cihan university	Erbil/Iraq	Exchanging scientific experiences and scientific consultations	02/12/2020	5 years
87.	An agreement with Salahaddin University	Erbil/Iraq	Exchanging scientific experiences and scientific consultations	02/12/2020	5 years
88.	An agreement with Alnoor University	Mosul/Iraq	Exchanging scientific experiences and scientific consultations	02/12/2020	5 years
89.	An agreement with Al-Rasheed University College	Baghdad/Iraq	Exchanging scientific experiences and scientific consultations	02/12/2020	5 years
90.	An agreement with Bilad Alrafidain University College	Iraq	Exchanging scientific experiences and scientific consultations	02/12/2020	5 years
91.	An agreement with Bayan University	Iraq	Exchanging scientific experiences and scientific consultations	02/12/2020	5 years
92.	An agreement with Al Furatain University	Turkey	Exchanging scientific experiences and scientific consultations	02/12/2020	5 years



93.	An agreement with Al Furatain University	Ankara / Turkey	Exchanging scientific experiences and scientific consultations	02/12/2020	5 years
94.	Memorandum of understanding with University of Putra Malaysia UPM	Malaysia	Exchanging scientific experiences and scientific consultations	05/10/2020	5 years
95.	Memorandum of understanding with Tenaga Nasional university	Malaysia	Exchanging scientific experiences and scientific consultations	05/10/2020	5 years
96.	Memorandum of understanding with Multimedia University (MMU)	Malaysia	Exchanging scientific experiences and scientific consultations	05/10/2020	5 years
97.	Memorandum of understanding with Orange, a mobile network operator company	Jordan	Internet service provider	23/09/2020	5 years
98.	An agreement with Yarmouk University	Jordan	Exchanging scientific experiences and scientific consultations	15/08/2020	5 years
99.	An agreement with The Hashemite University	Jordan	Exchanging scientific experiences and scientific consultations	26/07/2020	5 years
100.	International Engineering Company for Occupational Safety and Health Consultation and Training	Jordan	Student training	03/07/2020	5 years
101.	Memorandum of cooperation with the Arab Academy in Denmark	Denmark	Exchanging scientific experiences and scientific consultations	19/04/2020	5 years
102.	Agreement with Edraak for Education and Community Development - electronic platform	Jordan	Electronic platform	09/03/2020	Unlimited
103.	Agreement with E-learning system	Jordan	E-learning platform	09/03/2020	3 years
104.	Agreement with Adaptive Techsoft (ATS)	Jordan	Electronic Software & Systems	25/02/2020	5 years
105.	Egyptian Economic and Entrepreneurship Association	Egypt/ Cairo	Exchanging scientific experiences and scientific consultations	20/02/2020	5 years
106.	Agreement with Heliopolis University	Egypt	Exchanging scientific experiences and scientific consultations	20/02/2020	5 years
107.	Agreement with Merit University	Egypt	Exchanging scientific experiences and scientific consultations	20/02/2020	5 years
108.	Agreement with Beni-Suef University	Egypt	Exchanging scientific experiences and scientific consultations	20/02/2020	5 years
109.	Egyptian Association for Economic Development	Egypt	Exchanging scientific experiences and scientific consultations	20/02/2020	5 years
110.	Memorandum of cooperation with Al Mostafa Company	Egypt	Exchanging scientific experiences and scientific consultations	20/02/2020	5 years
111.	Agreement with Boshia Company to study abroad	Egypt	Exchanging scientific experiences and scientific consultations	20/02/2020	5 years
112.	Agreement with Mosa Trade Logistics International	Egypt	Exchanging scientific experiences and scientific consultations	20/02/2020	5 years
113.	Agreement with Khaled Jaradat Company	Kingdom of Bahrain	Exchanging scientific experiences and scientific consultations	20/02/2020	5 years
114.	Jordanian Customs Department Agreement	Jordan	Exchanging scientific experiences and scientific consultations	07/02/2020	5 years
115.	Legal Network Association for Arab Women	Jordan	Exchanging scientific experiences and scientific consultations	27/01/2020	5 years



116.	Agreement with ALDAR University College for Vocational Education	Dubai/United Arab Emirates	Exchanging scientific experiences and scientific consultations	21/12/2019	5 years
117.	Agreement with Moscow State University (MSU)	Russian Republic	Exchanging scientific experiences and scientific consultations	28/11/2019	5 years
118.	Agreement with Belarusian State University	Republic of Belarus	Exchanging scientific experiences and scientific consultations	26/11/2019	5 years
119.	Agreement with Picasso International University Italy	Malta/Italy	Exchanging scientific experiences and scientific consultations	20/10/2019	5 years
120.	Agreement with Alkitab University	Kirkuk/Iraqi Kurdistan	Exchanging scientific experiences and scientific consultations	09/07/2019	5 years
121.	The Association of Arab universities /Arab Impact Factor	Egypt	Exchanging scientific experiences and scientific consultations	12/02/2019	5 years
122.	Agreement with Jordan News Agency	Jordan	Training students of the College of Information and Communication	10/06/2018	5 years
123.	Islamic University of Europe (IUE)	Notre Dame/Netherlands	Exchanging scientific experiences and scientific consultations	12/01/2018	5 years



## Closing Remarks

Jadara University campus, governors of Jadara, leaders, staff, sustainability committee and students worked together and harder to advance sustainability at the campus. So, to serve as a community leader in the northern part of Jordan, as well as helping to educate and inspire the next generation of problem-solvers become more vital than ever.

As of 2023-2024 academic year end, Jadara has shown a great progress, the Campus's reduction of carbon footprint has improved as per planned to less than  $< 0.10$  metric ton per person, comparing to last year which was  $< 0.20$  metric ton per person (having initiatives and programs such as carpool, no buses on campus, high parking fees and free transportation for all students and staff and community). As well as a 200% Solar Energy supply for campus and spares energy for local community as well and a ratio of 93.4% of appliances are Energy efficient. In the same year a smart energy monitoring & controlling system was installed in all 5 buildings of the campus. All lightening bulbs were replaced as well with LED in buildings, and Solar Energy Bulbs outdoor. The university implements more than 38 ICT Systems to help Education & Process Management and attain Sustainability on & off campus along the way.

Policies since 2018 have been regulated & followed until present regarding paper use such as double-sided printing only if necessary and use emails as an alternative option for correspondence. Digital archiving started in 2018 to decrease the amount of paper waste. Paper waste at our campus was about 5 tons in the past year and now the amount has decreased by 50% of paper waste to 2.5 Tons only. All papers are collected by a contractor for Treatment. Also, no plastic bags are allowed on Campus, programs and student initiatives have been undertaken to reduce plastic use along with offering pure water from Ground Water through fountains and coolers. This has decreased the purchase of water bottles. Our use of Plastic was 0.5++ tons. This has decreased by 40%. For Solid & Liquid wastes, Jadara treated waste to produced waste ration is 100%, which means no waste is not treated on campus and off campus by the help of contractors, NGOs, Municipality of Irbid City, and local community.



Since 2018, Jadara University has been water self-sufficient through a water conservation system. The measurements in the AY 2023-2024 were: 100% ++ clean ground water supply that covers the campus population and reserved in external ground tanks to support other local entities near Jadara and using A water Tank Truck (owned by university) to transport water when needed. Not only that but the measurement of rainwater indicates a 10-11% of water supply. Also, 82% of (in-house) tertiary treated water was consumed, with 99.2% water efficient appliances are used on campus. The university conserves additional water in a ground tank located at the American University Schools of the Middle East, contributing to the water supply for neighboring buildings and schools.

From the beginning of 2023, Jadara students have been actively working in affiliation with Faculties and Innovation Center in more than 11 Sustainability startups and more than 21 International programs. Mostly, offered for free to the students and youth on and off campus.

The University allocated in 2023-2024 about 225,104 USD to fund sustainability efforts on & off campus. The allocation is used responsibly in trainings, awareness sessions, scientific days, conferences, research that can reach 60+ events per year.

Additionally, it embedded 290 courses related to sustainability in the education system ending with a ratio of sustainability courses to total courses about 21.50%.

Great achievement towards (SDG 1/3/4/17): 2 projects won UNESCO -IRCAI prize in Slovenia. First was an AI-based Cervical Cancer Prediction Using Machine Learning Techniques, and AI based Classification System for Aggregate using Image Processing and Artificial Neural Network, both were developed and implemented by Jadara students and the Center of Development & Innovation on campus.

Not only that, but the university is committed to improving health and well-being through various initiatives to promote health and wellbeing. These include disability support, health awareness campaigns, educational workshops, sports and physical well-being programs, and a smoke-free campus policy. The university also provides maternity and reproductive health services, mental health support, and collaborates with health institutions for community outreach. Additionally,



Jadara promotes diversity and lifelong learning through its educational programs and activities with free access to all refugee students, national and international students and the disabled. The records of the reporting year show more than 14 initiatives to promote health and wellbeing on and off campus.

Moreover, the records of 2023-2024 show that Jadara University has engaged in more than 123 fruitful MoUs and Agreements since 2018 (the year that the sustainability policy was created), with International and national institutions towards pursuing overall sustainability goals.

The University actively participates in various international sustainability ranking systems each year, achieving notable positions in 2023-2024:

**UI-Green Metric World University Ranking:** Jadara ranked 182<sup>nd</sup> internationally and 4th locally.

**THE Impact Rankings:** Jadara ranked 301-400 internationally and 2nd locally (1st in northern Jordan).

**Schimago Ranking:** Jadara achieved 78th overall, 45th in research, 91st in innovation, and 70th in societal impact.

**World University Ranking for Innovation (WURI):** Jadara ranked 38th in leadership, 33rd in social responsibility, and 28th for its Generative AI App.

**CFI.CO Award:** Jadara received the "Best University Award for Pursuing Internationalization via working towards the UN's SDGs" for 2023-2024.

Additionally, due to its outstanding sustainability efforts, the Chairman of the Board of Directors, Dr. Shukri Marashdh, was appointed as the **Official Ambassador of Sustainability** in the Middle East for 2023-2024.

Highlighting some (but not limited to) sustainable actions and achievements made across operations, education, research, and community engagement during the academic year 2023-2024, can demonstrate the university's commitment to creating a more sustainable future at the campus and beyond.



## Committee

- Prof. Dr. Iman Bashedi (Vice Rector-Head of Committee)
- Prof. Dr. Belal Zaqaibeh (Dean of Information Technology - Member)
- Dr. Alia Khawalda (Dean of Allied Applied Sciences - Member)
- Dr. Rabah Ismail (Deputy Dean of Engineering - Member)
- Dr. Nader Jawarneh (Deputy Dean of Scientific Research - Member)
- Dr. Saleh Al-Omari (Deputy Dean of Information & Technology - Member)
- Dr. Saleh Al-Omr (Director of Quality Assurance - Member)
- Mrs. Lama Haddad (Director of IRO- Reporter & Member)
- Dr. Rania Mahaftha (Assistant Professor – HOD Clinical Pharmacy & Therapeutics - Member)
- Mr. Mohammad Bani Issa (IT Support)

## SDGs Report

- Mrs. Lama Haddad (Director of International Relations, Sustainability Office Member )

## Data Source

- Quality Assurance
- International Relations Office
- Center of Development & Innovation
- Building Manager /Engineering Office
- Finance Department
- Jadara Bureau/Head Office
- Admission & Registration
- Faculty of Scientific Research
- Deanship of Student Affairs
- Computer Center/IT
- Public Relations Department
- Agriculture Department
- Center of Training, Consultation & Community Service