Sustainability Policy

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.