



12 RESPONSIBLE CONSUMPTION AND PRODUCTION





12. Responsible Consumption and Production

12.1. Ethical Sourcing of Food and Supplies

(Supplier Ethical Sourcing Assessment)

Palestine Ahliya University (PAU) is committed to advancing sustainability and social justice by ensuring ethical sourcing practices across its supply chain for food and other supplies. This commitment prioritizes responsible environmental and social standards among suppliers. Key initiatives include:

- Establishing regular assessments to evaluate supplier compliance with ethical sourcing standards.
- Raising awareness within the University community about the importance of ethical sourcing and encouraging the adoption of sustainable practices.
- Building strategic partnerships with suppliers who demonstrate a commitment to environmental and social responsibility. These efforts contribute to the development of a supply chain that reflects the University's dedication to sustainability and equitable practices.

12.2. Hazardous Waste Management

(Hazardous Waste Disposal Management)

PAU is dedicated to ensuring the safe and responsible management of hazardous waste to protect both the campus community and the environment. Through rigorous compliance with environmental standards, the University promotes sustainability and safety. Key measures include:

- Providing regular training for staff and students on the proper handling of hazardous waste.
- Implementing an electronic tracking system to monitor waste from generation to disposal.
- Partnering with specialized waste management organizations to guarantee environmentally sound disposal methods. These actions reinforce the University's commitment to sustainability while fostering a safe and eco-friendly campus environment.

12.3. Recycled Waste Management and Measurement

(Waste Generation and Recycling Measurement)

PAU actively promotes sustainability by enhancing its waste recycling processes, minimizing landfill contributions, and fostering a campus culture centered on environmental responsibility. Key initiatives include:

- Integrating sustainability and recycling education into academic programs to raise awareness.
- Partnering with local and global waste management organizations to adopt best recycling practices.
- Organizing regular campus clean-up campaigns to engage the community in waste management efforts.



To ensure continuous improvement, the University tracks waste generation and recycling rates, enabling data-driven decision-making for waste management strategies.

12.4. Plastic and Disposable Item Minimization (Plastic Reduction in Consumables)

PAU is committed to reducing the use of plastic and other non-biodegradable materials by adopting sustainable alternatives and educating the community about the environmental impacts of plastic waste. Key actions include:

- Conducting environmental awareness campaigns to highlight the significance of plastic reduction.
- Offering training sessions to assist departments in transitioning to eco-friendly alternatives.
- Collaborating with suppliers to prioritize sustainable product options over single-use plastics.

The University also monitors compliance through regular surveys, ensuring progress in reducing plastic waste and strengthening sustainability on campus.

12.5. Disposable Item Use Minimization (Disposable Item Reduction on Campus)

PAU is dedicated to minimizing disposable item usage on campus by promoting the adoption of reusable alternatives and fostering a culture of responsible consumption. Key initiatives include:

- Expanding awareness programs that emphasize the environmental benefits of reducing single-use items.
- Collaborating with campus vendors to make reusable products affordable and accessible.
- Providing training for staff and faculty on best practices in waste reduction and sustainable consumption.

These efforts contribute to creating an eco-friendly campus environment and encourage the entire University community to embrace sustainability as part of their daily lives.

12.6. Strategic Key Performance Indicators (KPIs)

SN	KPI	2021/2022	2022/2023	2023/2024
1.	Ethical Sourcing Compliance	89%	91%	94%
2.	Hazardous Waste Safety Rate	95%	97%	100%
3.	Waste Recycled	90%	92%	95%
4.	Plastic Consumption Reduction	93%	95%	98%
5.	Reusable Products on Campus	91%	93%	96%
6.	Consumption Awareness Initiatives	90%	92%	95%

12.7. Activities and initiatives achieved (2023/2024)

SN	Activities / Initiatives	Link
1.	Urban sustainable development Solutions Valuing Entrepreneurship	Go
2.	Blue Filter Project	Go



12.8. SDG Scientific Research (2023)

SN	Article Name	Link
1.	Jaradat, O., Shakarna, M., Gadri, K., Suleiman, H., Khattab, M., Sirhan, A., & Guettala, A. (2024). Sustainable valorisation of sand concrete properties using quarry waste as crushed sand. <i>Asian Journal of Civil Engineering</i> , 25(7), 5533-5546.	Click
2.	Khattab, M., Jaradat, O., Hachemi, S., Suleiman, H., Benzetta, H., & Shakarna, M. (2024). An experimental study on the use of waste marble as replacement of aggregates and cement in construction material. <i>Innovative Infrastructure Solutions</i> , 9(7), 269.	Click
3.	Shakarna, M., Jaradat, O., Kanan, M., Shalaldah, A., & Shalaldah, M. (2023, December). Energy-Saving Gypsum Bricks with Recycled Stone Powder for Sustainable Buildings. In <i>2023 2nd International Engineering Conference on Electrical, Energy, and Artificial Intelligence (EICEEAI)</i> (pp. 1-6). IEEE.	Click