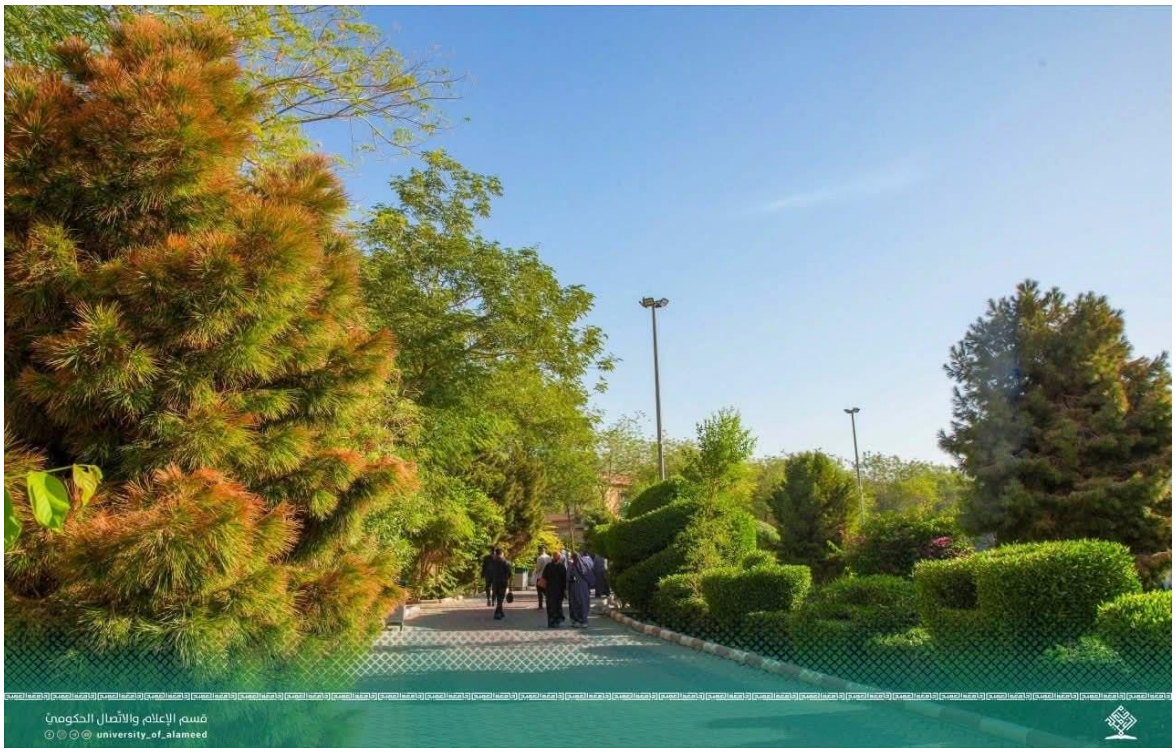
University of Al-Ameed

Sustainability & SDG Performance Report 2025

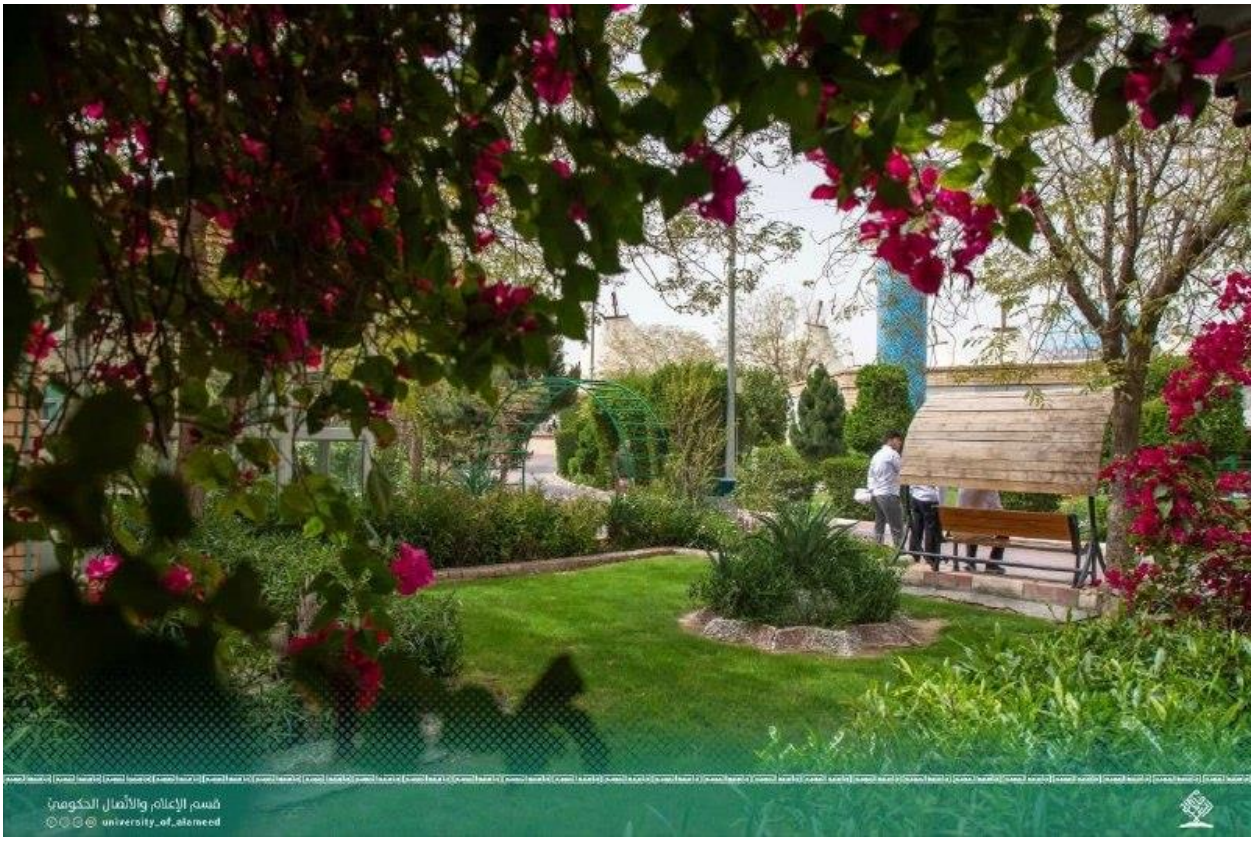


1. Introduction

In 2025, the University of Al-Ameed strengthened its sustainability performance through measurable progress in resource efficiency, carbon reporting, waste minimisation, water stewardship, sustainable transportation, community engagement, and SDG-aligned institutional activity.

This report provides a concise summary of the university's sustainability performance for the 2025 reporting year. It is prepared to support institutional planning, international rankings, quality assurance, accreditation evidence, and continuous improvement.

The report focuses on key achievements, measurable indicators, and documented progress across energy, carbon, waste, water, transportation, sustainable campus operations, and contributions to the United Nations Sustainable Development Goals. Detailed calculation sheets, operational assumptions, invoices, raw activity records, and supporting evidence are retained separately in the university's internal evidence files.



2. Performance Highlights - 2025

Area	2025 Highlight
Operational carbon footprint	Estimated at approximately **1,846 tCO_2e**.
Carbon intensity	Approximately **0.38 tCO_2e per campus user**.
Electricity use	Total annual electricity use estimated at approximately **1.68 million kWh**.
Energy source profile	Grid electricity represented approximately **70.1%**, generator electricity **15.3%**, and solar PV **14.6%** of the electricity profile.
Renewable energy	Solar PV contributed approximately **14.6%** of the university's electricity profile.
Energy efficiency	Approximately **75.25%** of key appliances and equipment were energy efficient.
Paper reduction	Paper waste decreased by approximately **23.6%** compared with 2024.
Plastic reduction	Plastic waste decreased by approximately **17.8%** compared with 2024.
Toxic waste reduction	Toxic waste decreased by approximately **18.2%** compared with 2024.
Toxic waste treatment	**100%** of toxic waste was transferred through approved treatment channels.
Water stewardship	Water conservation and protection measures were strengthened through efficient fixtures, routine inspection, maintenance, and pollution prevention practices.
Sustainable transportation	University transportation services for students and staff were supported by an expanded fleet of **23 coasters**.
Parking footprint	Parking area represented only **0.69%** of total campus area.
Transportation emissions	Transportation represented approximately **23.5%** of reported operational emissions.
SDG-linked contributions	Documented SDG-related community and sustainability contributions exceeded **574 million IQD**.
International collaboration	Researchers collaborated with **77 international universities**, supporting global academic cooperation and SDG 17.

3. Sustainability Governance and Institutional Framework

The University of Al-Ameed's sustainability work is supported by a set of institutional policies and operational practices that guide campus planning, energy and climate action, waste management, water stewardship, sustainable transportation, education, research, digital transformation, community engagement, and sustainable procurement.

These policies provide the framework for integrating sustainability into the university's academic, administrative, environmental, and community-service activities.

The university's sustainability governance approach in 2025 focused on:

- strengthening sustainability-related policies;
- improving evidence collection for rankings and accreditation;
- supporting digital transformation and paper reduction;
- aligning institutional activities with the Sustainable Development Goals;
- improving documentation of sustainability initiatives across departments;
- establishing a stronger baseline for future annual sustainability reporting.

This framework supports continuous improvement and helps ensure that sustainability performance is documented in a way that can support international rankings, institutional quality assurance, and future planning.

4. Energy, Carbon, and Climate Action

4.1 Energy Profile

In 2025, the University of Al-Ameed's electricity profile included public grid electricity, generator electricity, and solar PV generation. Total annual electricity use was estimated at approximately **1.68 million kWh**.

Energy Source	Share of 2025 Electricity Profile
Public grid electricity	70.1%
Diesel generator electricity	15.3%
Solar PV electricity	14.6%

Solar PV represented approximately **14.6%** of the university's electricity profile, supporting the university's transition toward cleaner energy sources and reducing dependence on conventional electricity supply.

4.2 Operational Carbon Footprint

The university's estimated 2025 operational carbon footprint was approximately **1,846 tCO_2e**, equivalent to approximately **0.38 tCO_2e per campus user**.

Emission Area	Share of Reported Operational Emissions
Electricity-related emissions	76.5%
Transportation-related emissions	23.5%

Electricity remained the largest source of reported operational emissions. Transportation represented approximately **23.5%** of the reported footprint, highlighting the importance of maintaining sustainable mobility practices and reducing dependence on individual private vehicles.

4.3 Energy Efficiency and Emission Reduction Measures

The university supported energy efficiency and emission reduction through:

- solar PV generation;
- LED lighting, efficient air-conditioning systems, and efficient IT equipment;
- use of natural lighting and ventilation in selected buildings;
- digital workflows and electronic archiving;
- reduced paper dependency;
- free shuttle transportation for students and staff;
- restricted private vehicle access inside campus boundaries;
- limited parking footprint;
- planted vegetation and green spaces.

4.4 2025 Climate Progress Statement

In 2025, the university strengthened its climate action evidence base by estimating total operational emissions, identifying electricity and transportation emission shares, and linking emission reduction efforts to practical campus initiatives such as renewable energy, energy-efficient equipment, digitalisation, and sustainable mobility.

5. Waste and Resource Efficiency

5.1 Waste Reduction Performance

The university's strongest waste management achievements in 2025 were reductions in paper, plastic, and toxic waste. These improvements were mainly linked to digital transformation, reduced dependence on printed documentation, responsible consumption practices, and safer waste handling procedures.

Waste Area	2025 Result
Paper waste	Reduced by approximately **23.6%**
Plastic waste	Reduced by approximately **17.8%**
Toxic waste	Reduced by approximately **18.2%**
Toxic waste treatment	**100%** transferred through approved treatment channels

5.2 Paper Reduction

Paper reduction was one of the university's clearest sustainability improvements in 2025. This progress was supported by:

- increased use of electronic correspondence;
- digital archiving;
- reduced dependency on printed administrative documents;
- use of digital platforms in academic and administrative workflows;
- automation of selected procedures.

This improvement supports responsible consumption, digital transformation, and reduced resource use.

5.3 Plastic Reduction

Plastic waste decreased during 2025 through:

- reduced dependence on single-use plastics;
- gradual use of paper and cardboard alternatives;
- awareness of plastic pollution;
- responsible consumption practices.

This reduction supports the university's broader waste minimisation and responsible consumption objectives.

5.4 Waste Treatment and Recovery

The university continued to treat, reuse, recover, or transfer waste through available institutional and approved external channels.

Waste Category	2025 Treatment / Recovery Result
Organic waste treatment and recovery	59%
Inorganic waste treatment and recovery	58%
Toxic waste treatment	100%

Organic and inorganic waste recovery supported circular resource use, while toxic waste was fully transferred through approved treatment channels to reduce environmental and health risks.

5.5 Waste Progress Statement

Although campus activity expanded during 2025, the university achieved measurable reductions in paper, plastic, and toxic waste. These results demonstrate progress in digital transformation, responsible consumption, waste minimisation, and safer waste handling.

6. Water Stewardship

6.1 Water Efficiency and Conservation Measures

The university implemented practical water conservation and protection measures, including:

- automatic faucets;
- low-flow water fixtures;
- routine inspection of water sources, tanks, pipes, and networks;
- maintenance procedures to reduce leakage;
- drip and sprinkler irrigation practices;
- awareness activities promoting responsible water use.

These measures supported efficient water use across campus facilities and provided a practical foundation for future improvements in water monitoring and conservation.

6.2 Water Protection Measures

The university supported water protection through:

- drainage screening systems;
- prevention of solid waste entering sewage channels;
- separation of hazardous and laboratory waste;
- routine maintenance of water infrastructure;
- pollution prevention practices.

6.3 Water Progress Statement

In 2025, the university strengthened water stewardship through efficient fixtures, infrastructure maintenance, leakage control, irrigation management, and pollution prevention. These measures provide a practical baseline for future water monitoring, reuse assessment, and conservation improvements.

7. Sustainable Transportation and Mobility

7.1 Sustainable Mobility Performance

The university continued to support sustainable campus mobility through free transportation services, restricted internal vehicle access, and a low parking footprint.

Indicator	**2025 Result**
Shuttle fleet	23 coasters
Parking footprint	0.69% of total campus area
Transport share of reported operational emissions	23.5%

7.2 Mobility and Emission Reduction Measures

The university reduced transportation-related impacts through:

- free shuttle transportation for students and staff;
- restricted private vehicle access within campus boundaries;
- off-campus parking arrangements;
- low parking footprint;
- pedestrian-oriented internal movement;
- accessibility features supporting inclusive mobility.

7.3 Transportation Progress Statement

The university's mobility model reduces dependence on individual private vehicles by centralising student and staff transportation through shuttle services and restricting internal vehicle access. This supports lower congestion, improved safety, reduced parking demand, improved accessibility, and reduced transport-related environmental impact.

8. Sustainable Campus and Green Infrastructure

The university maintained green and open spaces that support campus environmental quality, climate resilience, biodiversity, and student well-being.

Indicator	**2025 Result**
Total campus area	158,184 m²
Planted vegetation	18,284 m²
Forest vegetation	3,500 m²
Water absorption area	113,569 m²

Green campus initiatives support:

- improved campus microclimate;
- reduced heat island effects;
- biodiversity and vegetation preservation;
- environmental quality;
- outdoor learning and social spaces;
- improved campus experience for students, staff, and visitors.

The university also maintained accessibility features that support inclusive campus movement, including ramps, accessible pathways, elevators, accessible sanitary facilities, and designated support facilities.

9. Sustainable Development Goals Contribution

9.1 SDG Activity and Impact Summary

Details and actions related to these activities can be found on the University of Al-Ameed website.

SDG	Activities / Initiatives	Impact / Results
SDG 1 – No Poverty	Humanitarian donations, support for vulnerable families, elderly care support, emergency assistance, and charitable foundation contributions.	Strengthened social support for disadvantaged groups and helped reduce hardship among vulnerable beneficiaries.
SDG 2 – Zero Hunger	Food baskets, Ramadan assistance, visitor feeding programs, and humanitarian food-related initiatives.	Supported food security and community resilience among needy families and visitors.
SDG 3 – Good Health and Well-Being	Dental care support, medical equipment donations, volunteer doctor support, oral health campaigns, first aid training, health awareness activities, and patient safety programs.	Improved access to healthcare services, strengthened preventive health awareness, and supported vulnerable patients.
SDG 4 – Quality Education	Educational equipment donations, faculty development, SDG workshops, curriculum improvement, student training, employability development, and support for students with special needs.	Improved educational access, teaching quality, professional development, student support, and lifelong learning.
SDG 5 – Gender Equality	Women's health awareness, breast cancer awareness, cervical cancer awareness, and awareness activities addressing violence against women.	Increased awareness of women's health, safety, and well-being.
SDG 6 – Clean Water and Sanitation	Water conservation measures, low-flow fixtures, pollution prevention, drainage screening, sanitation support, and responsible handling of hazardous waste.	Improved water stewardship, reduced pollution risks, and supported safer sanitation practices.
SDG 7 – Affordable and Clean Energy	Solar PV generation, energy-efficient lighting, efficient air-conditioning systems, efficient IT equipment, and energy management practices.	Increased clean energy contribution and supported more efficient energy consumption.

SDG 8 – Decent Work and Economic Growth	Employability workshops, professional development, leadership training, internships, graduate preparation, and workforce readiness programs.	Strengthened student and staff skills, career readiness, and professional capacity.
SDG 9 – Industry, Innovation and Infrastructure	Digital transformation, AI training, research collaboration, patents, laboratory development, and innovation-related activities.	Enhanced institutional innovation capacity, research infrastructure, and technology adoption.
SDG 10 – Reduced Inequalities	Accessibility measures, transportation support, student support services, inclusive facilities, and support for students with special needs.	Improved equitable access to education, mobility, and campus services.
SDG 11 – Sustainable Cities and Communities	Sustainable transportation, low parking footprint, green campus development, accessibility improvements, and community support activities.	Supported safer, greener, and more accessible community development.
SDG 12 – Responsible Consumption and Production	Paper reduction, plastic reduction, waste treatment, toxic waste control, green chemistry, sustainable procurement, and responsible resource-use practices.	Promoted responsible consumption, reduced waste impacts, and improved environmental management.
SDG 13 – Climate Action	Carbon footprint reporting, solar energy, energy efficiency, shuttle transportation, digitalisation, tree planting, and environmental awareness.	Supported emissions reduction, climate awareness, and campus environmental resilience.
SDG 14 – Life Below Water	Water pollution prevention, drainage screening, toxic waste separation, and responsible waste handling.	Reduced risks of pollutants entering water systems and aquatic environments.
SDG 15 – Life on Land	Tree planting, planted vegetation, forest vegetation, nurseries, green spaces, and biodiversity-supporting activities.	Enhanced green cover, biodiversity, soil quality, and campus ecological value.
SDG 16 – Peace, Justice and Strong Institutions	Governance training, leadership development, policy development, quality assurance, safety systems, and institutional reporting.	Strengthened institutional accountability, responsible governance, and evidence-based management.
SDG 17 – Partnerships for the Goals	International research collaboration with 77 universities, healthcare cooperation, educational cooperation, charitable partnerships, and community-service partnerships.	Expanded knowledge exchange, institutional cooperation, research collaboration, and sustainable development partnerships.

9.2 SDG Contribution Statement

During 2025, documented SDG-related community and sustainability contributions exceeded **574 million IQD**, excluding activities where no financial value was specified. These contributions supported healthcare, education, humanitarian assistance, food security, accessibility, environmental stewardship, and institutional partnerships.

10. 2025 Sustainability Performance Summary

The 2025 reporting cycle established a clearer sustainability baseline for the University of Al-Ameed. Key performance indicators included energy use, renewable energy contribution, operational carbon footprint, waste reduction, toxic waste treatment, water stewardship, sustainable transportation, SDG-linked community contributions, and international research collaboration.

Indicator	2025 Result
Total electricity use	Approx. 1.68 million kWh
Renewable energy share	14.6%
Operational carbon footprint	Approx. 1,846 tCO_2e
Carbon footprint per campus user	Approx. 0.38 tCO_2e/person
Energy-efficient appliance coverage	75.25%
Paper waste reduction	23.6%
Plastic waste reduction	17.8%
Toxic waste reduction	18.2%
Toxic waste treatment	100%
Organic waste treatment and recovery	59%
Inorganic waste treatment and recovery	58%
Parking footprint	0.69%
Documented SDG-linked contributions	More than 574 million IQD
International university research collaborators	77 universities

This summary provides a concise reference point for future sustainability reporting, institutional planning, rankings submissions, and continuous improvement.

11. Future Outlook and Priorities

The university will continue to improve sustainability performance through practical, evidence-based initiatives that support institutional development and international ranking requirements.

Priority Areas

- Expanding digital transformation to further reduce paper consumption.
- Strengthening waste segregation and recycling practices.
- Developing a formal waste monitoring and reporting system.
- Assessing water reuse and treated water opportunities.
- Improving energy and water monitoring across campus facilities.
- Expanding renewable energy where feasible.
- Improving annual carbon inventory methodology.
- Strengthening SDG activity documentation.
- Standardising SDG tagging in university news and reports.
- Exploring low-emission transport and electric mobility options.
- Continuing annual Sustainability and SDG Performance reporting.

12. Conclusion

In 2025, the University of Al-Ameed demonstrated measurable sustainability progress through reduced paper waste, reduced plastic waste, reduced toxic waste, full toxic waste treatment, solar energy contribution, energy-efficient systems, water conservation practices, sustainable transportation, carbon footprint reporting, SDG-linked community service, and international collaboration.

This report establishes a controlled, ranking-ready sustainability baseline that supports future improvements, institutional planning, international rankings, accreditation, and long-term sustainability performance.