

SUSTAINABLE DEVELOPMENT GOALS



SDG 17: PARTNERSHIPS FOR THE GOALS

Al Ain University



جامعة العين
AL AIN UNIVERSITY

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SUSTAINABLE DEVELOPMENT GOAL 17

Contribution to SDG 6 Clean Water and Sanitation

Institutional position

Al Ain University advances SDG 6 through campus water conservation, efficient fixtures, treated-water use, pollution controls, wastewater education and research collaboration. The University's approach combines operational stewardship with academic and community learning, reflecting the importance of water security in the UAE's arid environment.

The 2024 workshop on Sustainable Methods for Wastewater Treatment is a strong example of this integration. It connected specialist knowledge with practical approaches to treatment and reuse, while environmental events and research partnerships widened awareness. AAU's standing water framework also documents conservation measures, drip irrigation, responsible chemical and medical-waste disposal, and water-efficiency guidance.

Principal strengths

Strength area	AAU institutional strength
Water efficiency	Conservation programmes and water-efficient appliances reduce avoidable consumption.
Reuse and irrigation	Treated water and drip irrigation support landscaping with lower resource demand.
Pollution prevention	Waste, chemical and medical-disposal controls protect water quality.
Knowledge and partnership	Workshops, environmental events and research relationships develop water-management capability.

Institutional approach

AAU's water programme is part of its wider environmental-management system and GreenMetric reporting. Operational responsibility is reinforced through the Health and Safety Unit, facilities management, waste procedures and campus awareness.

Academic engagement adds depth to the operational model. Engineering and sustainability expertise, the Sustainability Research Center and external collaboration create routes for research, demonstration, student learning and public dialogue on water treatment, scarcity and resilience.

Implementation in 2024

The following evidence shows how the University's institutional approach was translated into activity during the principal reporting year.

2024 evidence	Contribution to the Goal	Sources
Water conservation programme	AAU maintained measures to reduce water loss and unnecessary use across campus.	E03
Treated-water use	Drip irrigation directed treated water efficiently to campus planting while limiting evaporation.	E03
Water-pollution controls	Published practices addressed waste storage, chemicals, oils, detergents and medical waste.	E03 E04
Wastewater-treatment workshop	A 2024 specialist workshop advanced knowledge of sustainable wastewater treatment methods.	E05
Environmental research partnership	AAU's relationship with the Environment Agency Abu Dhabi strengthened access to environmental research collaboration.	E06

Strengths across University functions

University function	Contribution and strength
Campus operations	Water-efficient equipment, conservation guidance, treated-water use and pollution controls establish day-to-day stewardship.
Education	Engineering and environmental learning introduces students to water resources, wastewater treatment and sustainable infrastructure.
Research	Environmental and engineering research can address monitoring, treatment, efficiency and resilience in arid settings.
Public engagement	Workshops, Environmental Day and international environmental-education participation build water literacy beyond technical teams.

Current continuity

A 2025 lecture on Water Management in Arid Areas extended the University's specialist educational contribution and maintained direct attention to water security after the 2024 reporting year.

Institutional conclusion

AAU's SDG 6 strength is the connection between practical campus conservation and knowledge creation. Efficient use, reuse, pollution prevention, specialist education and environmental partnerships form a coherent water-stewardship model for an arid national context.

Public evidence register

The following public sources support the institutional framework, implementation evidence and continuity presented in this report.

ID	Public source	Relevance	Link
E01	United Nations SDG 6 Clean Water and Sanitation	Goal context	Open evidence
E02	AAU SDG 6 institutional page	University SDG framework	Open evidence
E03	AAU GreenMetric water programme	Conservation reuse and efficiency	Open evidence
E04	AAU GreenMetric waste programme	Pollution-prevention controls	Open evidence
E05	Sustainable Methods for Wastewater Treatment workshop 2024	Water education	Open evidence
E06	AAU MoU with Environment Agency Abu Dhabi	Environmental research partnership	Open evidence
E07	AAU seventh Annual Environmental Day 2024	Public environmental learning	Open evidence
E08	AAU at World Environmental Education Congress 2024	International knowledge exchange	Open evidence
E09	AAU Sustainability Research Center	Interdisciplinary research	Open evidence
E10	Water Management in Arid Areas lecture 2025	Current continuity	Open evidence