



WATER RECYCLING PROGRAM POLICY

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WATER RECYCLING PROGRAMME POLICY

UNIVERSITI SELANGOR

1. Introduction

As an institution committed to environmental sustainability, Universiti Selangor (UNISEL) has established this policy to promote water-recycling practices. This policy aims to optimise water usage on campus through a recycling system for non-domestic purposes such as flushing toilets, washing vehicles, watering plants, and other suitable needs.

2. Policy Objectives:

- 2.1 To reduce the use of clean water on the UNISEL campus through the application of recycled water.
- 2.2 To support UNISEL's goal as a sustainable university by integrating green technology into campus operations.
- 2.3 To increase campus community awareness of the importance of water resource conservation.

3. Scope

This policy applies to all faculties, departments, hostels, and facilities on the UNISEL campus (Bestari Jaya and Shah Alam).

4. Key Principles

4.1 Use of Recycled Water on Campus

Recycled water will be used for:

- a. Flushing toilets in faculty buildings, dormitories, and other buildings.
- b. Washing university vehicles.
- c. Watering plants and landscaping on campus.
- d. Cleaning areas.

4.2 Source of Water for Recycling

- a. Rainwater and wastewater from domestic activities (such as laundry) will be collected, treated and reused.
- b. All processing systems must comply with standards set by the local authorities.

4.3 Supporting Infrastructure

a. All new buildings at UNISEL will be equipped with rainwater harvesting and water recycling systems.

b. Existing buildings will be gradually upgraded to support this programme.

4.4 Awareness and Education

a. Awareness campaigns and training will be conducted for staff, students, and contractors.

b. Providing continuous exposure, education and awareness to the entire Unisel community.

4.5 Monitoring and Evaluation

a. Regular monitoring will be conducted to ensure the effectiveness of the water program.

b. An annual evaluation will be conducted to assess the achievement of programme

c. Responsible personnel will ensure the implementation of the programme and that the evaluation requirements are met.

5. Responsibility

5.1 Facilities Management Office:

a. Design, install, and maintain the water recycling system.

b. Conduct water usage audits and provide periodic reports.

5.2 Faculty and Departments:

a. Support the implementation of the water recycling system in their respective areas.

b. Provide education to students on the importance of this programme.

5.3 Staff and Students:

a. Use the water recycling facilities responsibly.

b. Provide feedback on any problems or suggestions for improvement.

6. Implementation and Evaluation

6.1 This policy will be implemented in three phases:

Phase 1: Installation of the water recycling system in selected buildings.

Phase 2: Expansion across the entire campus and raising awareness.

Phase 3: Overall assessment and implementation of improvements.

6.2 All activities will be aligned with the UNISEL Strategic Plan towards a sustainable university.

7. Conclusion

This policy is an important effort to make UNISEL a leading sustainable university.

The commitment of all parties is required to ensure the effectiveness of the programme and protect water resources for future generations.

Prepared by the UNISEL Water Management Policy Committee.

Approved by the UNISEL Executive Committee on December 23, 2024 and effective from 2 January 2025.