

Climate Action Plan

De La Salle University – Dasmariñas

School Year 2024-2025

About This Plan

This Climate Action Plan demonstrates DLSU-D's comprehensive approach to addressing climate change through the Campus Sustainability Office under the Office of the Vice Chancellor for Administrative Services. The plan aligns with United Nations SDG 13 (Climate Action) and supports THE Impact Rankings assessment criteria.

Black Out Green In Program

Since 2011, DLSU-D's flagship **Black Out Green In Program** has been the university's pioneering green response to climate change mitigation and adaptation measures. This comprehensive program integrates energy conservation, waste reduction, and environmental consciousness across the entire campus community.

Legacy of Action: Over a decade of sustained commitment to campus sustainability and climate action, making DLSU-D a leader in institutional environmental responsibility.

Climate Emergency Declaration (2023)

DLSU-D stands in solidarity with the **Laudato Si Movement-Pilipinas**, having publicly declared a Climate Emergency in 2023. This declaration reinforces our institutional commitment to urgent and transformative climate action, guided by Pope Francis' encyclical on care for our common home.

Our Commitment: Recognizing the climate crisis as a moral imperative, DLSU-D pledges to accelerate sustainability initiatives, reduce carbon emissions, and educate future leaders in environmental stewardship.

Total Investment: ₱48,105,000 for climate action initiatives in SY 2024-2025

 **Executive Summary** 

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Executive Summary

De La Salle University - Dasmariñas (DLSU-D) is committed to addressing climate change through comprehensive institutional action. This Climate Action Plan (CAP) outlines our strategic approach for 2024-2026, targeting carbon neutrality, environmental compliance, and campus sustainability transformation.

Key Commitments:

- Achieve DENR-EMB full compliance by 2025
- Reduce carbon emissions through infrastructure upgrades
- Enhance ecological waste management systems
- Integrate climate education across curriculum
- Strengthen partnerships with sustainability organizations



1. Governance & Planning

1.1 Institutional Framework

The Campus Sustainability Office (CSO) under the Office of the Vice Chancellor for Administrative Services leads climate action coordination.

Active Memberships:

- Pollution Control Association of the Philippines, Inc. (PCAPI)
- Philippine Network of Environmental Educators (PNEE)
- International Sustainable Campus Network (ISCN)
- Green Convergence
- STAR Campus Network
- Target: AASHE membership (2024-2025)

1.2 Budget Allocation (SY 2024-2025)

STP Upgrade (DAO 2021-19 Compliance)

₱30,000,000

Housekeeping Enhancement

₱12,000,000

Termite Control (Eco-friendly)

₱2,700,000

Waste Management

₱960,000

2. Carbon Emissions & Energy

2.1 Emissions Reduction Strategies

Key Initiatives:

Green Campus Infrastructure

50% completion of remaining landscaping areas with native, carbon-sequestering species

Budget: ₱200,000

Tree Planting Program

Target: 1,000 native and fruit-bearing trees in DLSP-identified areas (500 trees per year)

Budget: ₱100,000

Campus Tree Maintenance

600 tree trimmings and 2,500 cutting/pruning operations annually for optimal carbon sequestration

Budget: ₱200,000

Plant Nursery & Propagation

Current: 1,352 ornamental plants, 263 fruit-bearing and native trees for campus greening

Budget: ₱100,000

3. Water & Wastewater Management

3.1 Sewage Treatment Plant (STP) Upgrade

Major infrastructure upgrade to comply with DENR DAO 2021-19 standards, reducing environmental impact and greenhouse gas emissions from wastewater.

Investment: ₱30,000,000

Status: Design phase completed (June 2024), awaiting bidding process

Timeline: Construction targeted for 2024-2025

3.2 Water Quality Monitoring

Comprehensive monitoring program:

- Monthly monitoring using multiparameter analyzer
- Quarterly monitoring by DENR-accredited laboratories
- Monitoring of lake water and STP effluents
- Budget: ₱500,000 annually

3.3 Water Conservation

Integration of water conservation principles through VERDE (Vertical Drip Ecological) gardening program for students and visitors.



4. Waste Management & Circular Economy

4.1 Ecological Solid Waste Management

Residual Waste Management

Weekly hauling service: 48 trip tickets for 12 months

Budget: ₱960,000

Status: Bidding scheduled November 2024

Recyclables Revenue Generation

Target: 10% increase in revenue from recyclables

Current Revenue (June 2024): ₱89,998.75

Bussing Area Construction

Enhanced segregation facility at University Food Services in partnership with Coca-Cola Philippines

Status: Design finalization with BFMO

4.2 Hazardous Waste Management

Hazardous Waste Storage Area Construction

Budget: ₱300,000

Status: Design finalized, proceeding to bidding

Regular Disposal Program

Current inventory: 69 bottles organic waste, 15 bottles acid waste

Budget: ₱100,000 for DENR-accredited TSD facility disposal

5. Climate Education & Research

5.1 Student Training Programs

VERDE (Vertical Drip Ecological) Gardening

Training program covering:

- Urban gardening and food security
- Green space development
- Waste segregation practices
- Water conservation techniques

Target: NSTP classes and external participants

Budget: ₱15,000

5.2 Professional Development

PCO Trainings and Seminars

Participation in DENR-accredited trainings and conferences

Target: PCAPPI National Conference 2024-2025

Budget: ₱50,000

5.3 Sustainability Partnerships

Budget: ₱350,000 for organizational memberships and collaborative programs promoting climate action research and best practices exchange.

6. Environmental Compliance

6.1 DENR-EMB Permits

Permit Applications

- Wastewater Discharge Permit (DP)
- Permit to Operate (PTO)
- Hazardous Waste Generator's ID (HWGID)

Budget: ₱50,000

Status: Documents submitted to external consultant

Monitoring Reports

- Self-Monitoring Reports (SMR)
- Compliance Monitoring Reports (CMR)

Budget: ₱5,000

ECC Consolidation

Submission of lacking documents for Environmental Compliance Certificate

Budget: ₱50,000

Status: 70% complete

6.2 PAASCU & RCAO Recommendations

Full compliance with accreditation requirements for environmental management systems and climate action integration.

7. Targets & Key Performance Indicators

7.1 2024-2025 Targets

Waste Diversion

10%

Increase in recyclables revenue

Tree Coverage

500+

Trees planted annually

Green Spaces

50%

Target landscaping completion

Student Engagement

Multiple

NSTP classes trained in VERDE

7.2 2025-2026 Milestones

- ✓ Complete STP upgrade to DAO 2021-19 standards
- ✓ Secure all DENR-EMB permits (DP, PTO, HWGID)
- ✓ Operationalize hazardous waste storage facility
- ✓ Achieve AASHE membership and STARS participation
- ✓ Complete Phase 3 termite control for all 54 campus buildings
- ✓ Establish bussing area for enhanced waste segregation

8. Total Budget Summary

Total Climate Action Investment

₱48,105,000

Academic Year 2024-2025

Budget Breakdown by Category

Infrastructure & Compliance	₱31,255,000
Operations & Services	₱15,860,000
Education & Partnerships	₱415,000
Monitoring & Equipment	₱575,000

Note: This budget represents DLSU-D's substantial commitment to climate action, environmental compliance, and sustainable campus transformation, demonstrating institutional prioritization of climate change mitigation and adaptation.

Prepared by:

Campus Sustainability Office

Office of the Vice Chancellor for Administrative Services
De La Salle University - Dasmariñas