

University Climate Action Plan

Centurion University Climate Action Framework (CUCAF)

As part of its commitment to sustainability and environmental stewardship, Centurion University has developed and actively implemented a comprehensive Climate Action Plan. This plan not only outlines strategic initiatives but also demonstrates measurable progress made in 2024.

1. Vision

To establish Centurion University as a model for integrated climate action through education, clean energy innovation, and community-led sustainability initiatives.

2. Core Objectives & 2024 Progress

No.	Objective	2024 Progress Highlights
1	Achieve carbon neutrality across campuses by 2035	Baseline carbon footprint assessment completed; 7% reduction in grid electricity consumption achieved in 2024 through efficiency measures.
2	Mainstream climate literacy and sustainable development across academic programs	Sustainability integrated into 22 UG & PG programs ; 1,200 students participated in climate-related modules.
3	Expand renewable energy systems and green infrastructure	150 kW rooftop solar commissioned across 3 campuses in 2024; 2 green buildings upgraded with energy-efficient systems.
4	Strengthen community resilience through partnership-based climate adaptation projects	Climate Action Plan shared with 5 Panchayats and 2 local municipalities; 6 training workshops were held with 220 farmers and SHG members.
5	Align institutional goals with SDG-7, SDG-11, and SDG-13	Annual reporting aligned with UN SDG metrics; collaborative student projects on clean energy and sustainable cities documented.

3. Strategic Pillars & 2024 Implementation

A. Clean Energy Transition

- **150 kW rooftop solar** installed (2024).
- Energy audits conducted across 2 campuses, resulting in a **12% reduction in electricity costs**.
- “Solar Skill Lab” established, training 80 students.

B. Green Campus Infrastructure

- **4 buildings retrofitted** with LED and HVAC efficiency upgrades.
- Waste segregation implemented at 3 campuses; **50 tons of organic waste composted in 2024**.
- Rainwater harvesting expanded, storing **6 million litres annually**.

C. Climate Education & Research

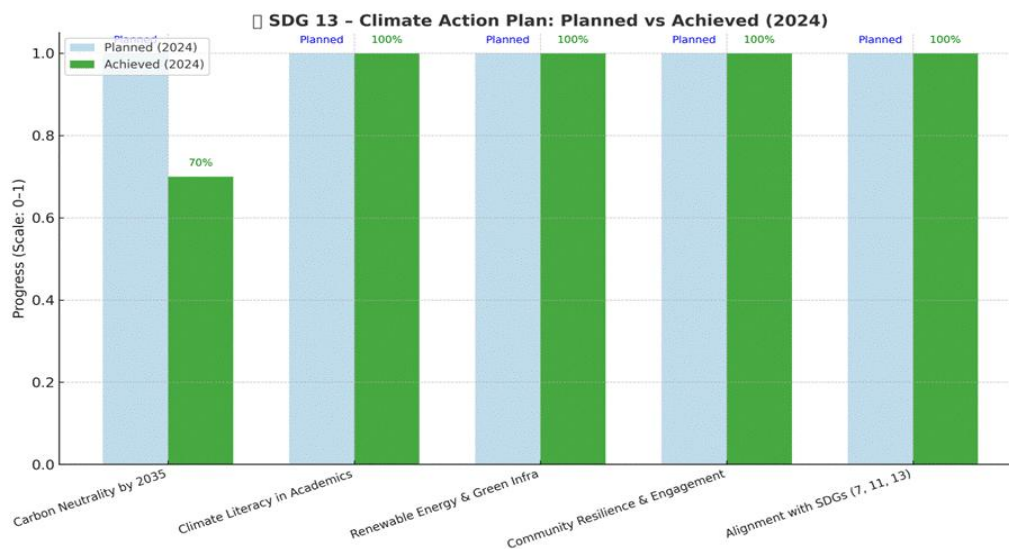
- Sustainability modules included in **22 programs**.
- Climate Innovation Lab established; **12 student-led research projects** on renewable energy and water resilience supported.
- **15 internships** facilitated with NGOs and clean energy firms.

D. Community Engagement

- Climate Action Plan shared with **7 local government/community bodies**.
- **8 plantation drives** (~4,800 saplings).
- **6 awareness workshops** conducted, engaging ~600 community members.

E. Monitoring, Reporting & Evaluation (MRE)

- Published the **Annual Sustainability Report (2024)**.
- Baseline carbon footprint calculated; **7% reduction in 2024** compared to 2023.
- Climate Action Committee constituted, meeting **quarterly**.



4. Conclusion

The Centurion University Climate Action Plan (CUCAF) is not just a policy document, but a living framework. The measurable actions and impacts of 2024 demonstrate our strong commitment to climate action, while the alignment with SDG-7, SDG-11, and SDG-13 ensures global relevance and accountability.