

## Commitment to a Carbon-Neutral University

Yes. Centurion University has formally committed to becoming a **carbon neutral university**, aligned with the **Greenhouse Gas (GHG) Protocols**. The University has set a **phased roadmap** to ensure realistic yet ambitious targets:

- **By 2035** → Achieve **net-zero for Scope 1 and Scope 2 emissions** (direct emissions + purchased electricity).
- **By 2040** → Achieve **full carbon neutrality across Scopes 1, 2, and 3**, including major indirect emissions.

### Carbon Neutrality Roadmap (2023–2040)

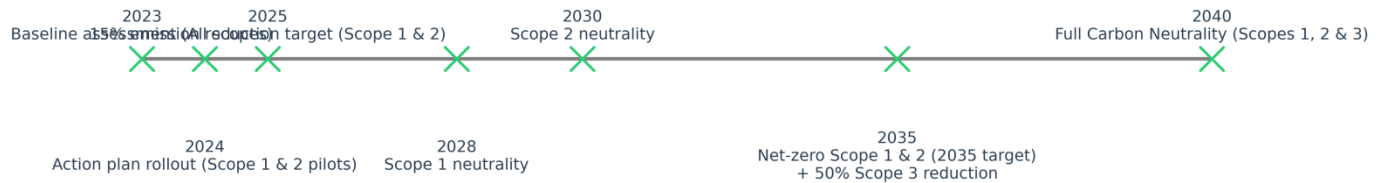
Year	Focus Area	Scope	Target	Key Initiatives	Status
2023	Planning & Baseline Assessment	All Scopes	Establish baseline & reporting system	Carbon footprint audit; Sustainability task force	Completed
2024	Action Plan Rollout	Scope 1 & 2	Launch pilots	Pilot solar grids, EV bus trial, energy audits	Completed
2025	Energy & Emission Optimization	Scope 1 & 2	15% reduction in direct emissions	Solar expansion, LED/HVAC retrofits, cut diesel	In Progress
2028	Scope 1 Neutrality	Scope 1	100% direct emission offset	100% electric fleet, biowaste mgmt, green ops	Planned
2035	Scope 2 Neutrality	Scope 2	100% clean electricity	Renewable PPAs, rooftop solar scale-up, grid tie	Planned
2035	Scope 1 & 2 Neutrality Achieved	Scopes 1 & 2	Net-zero for direct & purchased energy	Solar + EV transition complete; efficiency gains	Target Year
2035	Scope 3 Reduction (Partial)	Scope 3 (Partial)	50% reduction in major indirect emissions	Sustainable sourcing, hybrid work, eco-commuting	Planned
2040	Full Carbon Neutrality Achieved	Scopes 1, 2 & 3	Net-zero across all scopes	Offsets, carbon sinks, verified governance	Target Year

### Current Progress (as of 2025)

- **Baseline completed:** Carbon footprint audit and reporting framework.
- **Action plan launched:** Pilot solar grids, EV bus trial, energy audits.

- **Efficiency gains:** 15% reduction target for Scope 1 & 2 underway via solar expansion, LED/HVAC retrofits, and reduced diesel dependency.
- **50% of interim milestones achieved** within first three years.

### Centurion University Carbon Neutrality Roadmap (2023-2040)



### Integration with CUCAF (Climate Action Framework)

- Supports **Objective 1: Achieve carbon neutrality across campuses by 2035 (Scope 1 & 2).**
- Aligned with **Clean Energy Transition** and **Green Campus Infrastructure** pillars.
- Progress reported in the **Annual Sustainability Report (2024)** and shared with **local authorities** for accountability.

### Conclusion

Centurion University demonstrates a clear and phased pathway to carbon neutrality:

- **2035** → Net-zero for Scope 1 & 2.
- **2040** → Full neutrality across Scopes 1, 2, and 3.

This roadmap, aligned with the **GHG Protocols**, ensures accountability through audits, milestones, and transparent reporting, positioning the University as a **national leader in higher education sustainability** and advancing **SDG 13 Climate Action**.