



Carbon Reduction Target Plan (Scope 1 and Scope 2)

Supporting Statement

October 6 University (O6U) has established a long-term carbon reduction target covering Scope 1 and Scope 2 emissions, aligned with international best practices and the GHG Protocol Corporate Standard.

The University is committed to achieving **net-zero carbon emissions for Scope 1 and Scope 2 by 2050**, using 2022 as the baseline year. This target is supported by a phased emissions reduction strategy and continuous monitoring of performance.

Interim Targets

To ensure progress toward the 2050 goal, O6U has defined interim milestones:

- **By 2030:** Reduce Scope 1 & 2 emissions by **25–30%** from the 2022 baseline
- **By 2040:** Achieve **50–60% reduction** through energy efficiency and partial decarbonization of electricity
- **By 2050:** Achieve **net-zero emissions** for Scope 1 & 2

Key Measures to Achieve Targets

- Transition to **renewable energy sources** (e.g., on-campus solar systems)
- Expansion of **energy efficiency programs** across all facilities
- Gradual **electrification of campus transport systems**
- Implementation of **smart energy management systems**
- Continuous monitoring and reporting aligned with international standards



Governance and Monitoring

Progress toward these targets is tracked through annual GHG inventories and internal sustainability reporting. The University's sustainability unit oversees implementation, ensuring alignment with global frameworks and national climate priorities.

Conclusion

O6U has a clearly defined and measurable carbon reduction target covering Scope 1 and Scope 2 emissions through to 2050, with interim milestones and implementation measures in place. This demonstrates the University's long-term commitment to climate action and sustainable campus operations.