



MEASURING SUSTAINABILITY LITERACY OF STUDENTS

Lincoln University College (LUC) recognizes that sustainability literacy is essential for empowering graduates to address environmental, social, and economic challenges of the 21st century. To achieve this, the university systematically assesses the sustainability awareness, attitudes, and practices of its students through integrated educational activities, surveys, academic assessments, and community engagement initiatives.

This practice ensures that every LUC graduate not only gains disciplinary knowledge but also develops a deep understanding of sustainability principles aligned with the United Nations Sustainable Development Goals (UN SDGs).

Objectives

- ✚ To measure the level of sustainability knowledge, values, and behaviors among students.
- ✚ To identify gaps in students' understanding of environmental and social sustainability issues.
- ✚ To integrate sustainability literacy outcomes into academic and co-curricular planning.
- ✚ To support continuous improvement of sustainability education across all faculties.

“Educating for a Sustainable Future – Measuring Knowledge, Inspiring Change.”

Methodologies Used to Measure Sustainability Literacy

Sustainability Literacy Survey (Annual Assessment)

LUC conducts an annual Sustainability Literacy Survey among undergraduate and postgraduate students through the Quality Assurance and Sustainability Office.

The survey includes questions assessing:

Understanding of the UN Sustainable Development Goals (SDGs).

Awareness of environmental issues (climate change, biodiversity, waste management).

Attitudes toward sustainable behavior (energy conservation, recycling, ethical consumption).

Engagement in sustainability-related community or campus activities.

Target Group: All enrolled students (domestic and international).

Tools Used: Google Forms / LUC Learning Management System (LMS) integrated survey.

Data Analysis: Conducted by the Institutional Research Unit for annual reporting to Senate.

Example Survey Questions:

How familiar are you with the United Nations Sustainable Development Goals (SDGs)?

Which of the following practices do you follow regularly (e.g., recycling, energy saving)?

Do you believe sustainability should be a core part of every university course?

How confident are you in discussing climate change and sustainability topics?

Data Collection and Analysis

Data collected from surveys and assessments are compiled annually by the Centre for Research and Development (CRD) and Quality Assurance Unit.

Findings are presented in the Annual Institutional Sustainability Report, including:

Percentage of students demonstrating strong sustainability awareness.

Trends in participation in sustainability activities.

Recommendations for curriculum enhancement.

Example 2025 Preliminary Findings:

82% of surveyed students could identify at least 10 of the 17 SDGs.

74% actively participate in sustainable practices on campus.

68% showed increased confidence in sustainability discussions compared to baseline survey results.

Fig 1. Lincoln University College Sustainability Literacy Survey results

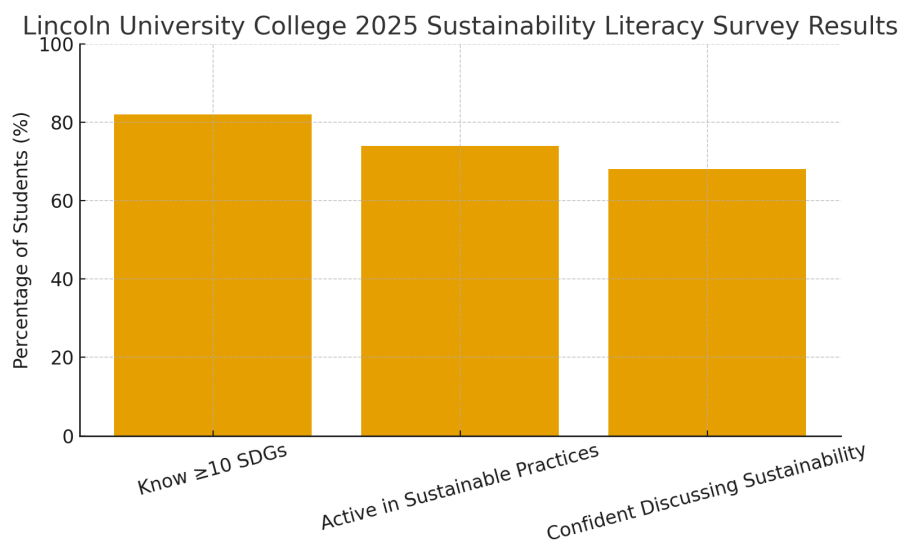
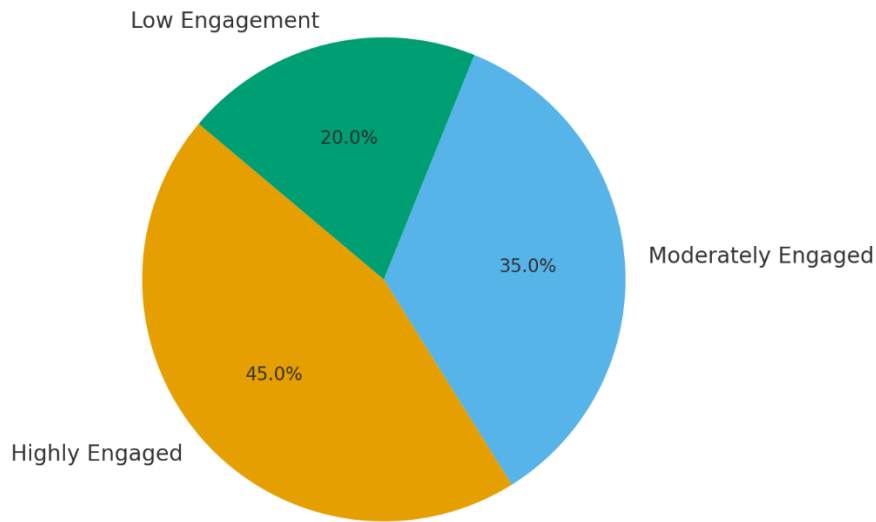


Fig 2. Student Engagement in Sustainability Activities 2025

Student Engagement in Sustainability Activities (2025)



Lincoln University College systematically measures and monitors the sustainability literacy of its students through integrated assessments, surveys, and experiential learning approaches. These initiatives ensure that the university nurtures environmentally conscious, socially responsible, and sustainability-literate graduates who can contribute to global well-being.

Orientation and Exit Surveys

During student induction/orientation, new students are given a short baseline sustainability quiz to gauge their initial awareness.

Before graduation, students complete a graduate exit survey, which includes questions on sustainability values and behavior changes during their study period.

This comparison helps measure growth in sustainability literacy across the student lifecycle.