

Template for Evidence(s) UI GreenMetric Questionnaire

University : King Mongkut's Institute of Technology Ladkrabang (KMITL)
Country : Thailand
Web Address : <http://www.sustainable.kmitl.ac.th/>

[3.2] Total volume of paper and plastic produced this year (tons)

The total volume of paper and plastic produced in the last 12 months in your entire university area

Type	Jan –Dec 24
Paper (ton)	21.27
Plastic (ton)	18.4

Description:

Paper and plastic waste at KMITL primarily comes from office activities, canteen packaging, student events, and campus operations. Paper waste includes office documents and packaging, while plastic waste is mainly from food containers, bags, and single-use items.

To reduce waste at the source, KMITL has implemented awareness campaigns and set up collection points throughout campus. The data were collected through the SCIRA system and recorded daily by internal staff. As shown in Fig. 1, the system provides an interface for waste collectors to input data on a regular basis in every building and campus. Waste is regularly collected and tracked via the Waste Management Application.

From Jan-Dec 2024 as a representative year, KMITL generated 39.67 tons of paper and plastic waste. Later, the university continues to promote paperless processes and reusable materials to further reduce environmental impact.

