



Template for Evidence(s) UI GreenMetric Questionnaire

University : Srinakharinwirot University (Ongkharak Campus)
Country : Thailand
Web Address : https://www.swu.ac.th/en/gen_info.asp

[3] Waste (WS)

[3.3] Organic Waste Treatment

		
		
<p>Processing and treatment of the organic leaves / vegetation across the vast vegetation area at SWU (Ongkharak Campus)</p>		

Description:

35% of the 1.8 million sq.m. of Ongkharak Campus is covered in vegetation with a further 7% covered in trees / forest. This results in a lot of organic waste. As these photos show, this organic waste is collected and treated to turn it into fertilizer.



In 2018, we did not have exact figures for the amount of organic waste that was treated. To exactly evaluate the amount of organic waste treated, we, in 2019, kicked off a program for the daily-basis data of waste collection. We have collected general waste as well as recycle/organic/ inorganic/ toxic waste and plastic for recycling and unable-to-recycle plastic for crude oil extraction.

The total amount of organic waste collected from August 1st, 2019, to September 19th, 2019 is 75.24 kilograms per day and about 50% of it is treated. The treated organic waste is mainly used to feed fish, and to make fertilizers for plants around the campus. To annually conclude the amount of organic waste from the data provided above, it is forecasted that the amount of organic waste treated per annum is 55% of total waste.