



Template for Evidence(s) UI GreenMetric Questionnaire

University : Gebze Technical University

Country : Turkiye

Web Address : www.gtu.edu.tr

[3] Waste (WS)

[3.4] Total volume organic waste treated

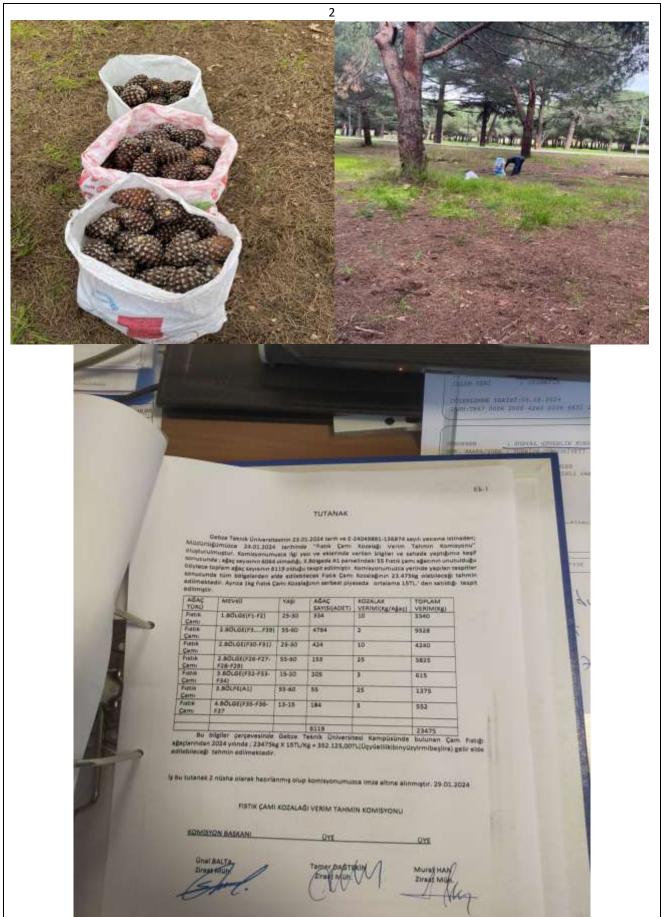
	amuount (ton)				
Type of waste	total	reduced	reused	down-cycled	up-cycled
organic	45.42	0	0	0	23.10
- food waste from cafeteria	22.32	0	0	0	0
Pine cones	21.20	0	0	0	21.20
Grass bale	1.9	0	0	0	1.9



Organic waste collection vehicle collected daily from the entire campus (offices, teaching staff, cafeteria) by Kocaeli Municipality







Photographs of pine cones collected from the stone pine trees on campus and official records of related data







Gathering sprawling and withering grasses by transforming them into bales with the assistance of a tractor

Total Organic Waste Treated on The GTU Campus (Gebze Technical University, Turkiye)

Description:

- -22.32 tons of organic waste (food waste) was produced from cafeterias and dining halls located at on GTU campus. These organic waste are collected weekly by Gebze Municipality. They are not recycled.
- Approximately 1.8 tons of pine nuts are obtained from 23 tons of pine cones. Therefore, approximately 21.20 tons of pine cone waste are produced annually. The cones are processed, the nuts are recovered from cones and are utilized as food source and the rest of the cones are regarded as waste which are used for energy production.
- -1.90 tons of grass bale are produced yearly, they are utilized as animal feed.
 - 1) The photo of the organic waste collection vehicle from the Gebze Municipality (Kocaeli), which collects organic waste from the entire campus (offices, teaching staff, cafeteria) on a daily basis, is presented in Picture 1.
 - 2) Picture 2 shows the pine cone collection area on campus and the official photos of the pine cone after it was collected.
 - 3) An example visual of the collection area for tall grass on campus.