

University of Twente Waste data 2019-2023

Waste stream	2019 (in kg)	2020 (in kg)	2021 (in kg)	2022 (in kg)	2023 (in kg)	Recycling rates
Residual waste	594,024	409,152	431,639	501,427	466,548	100% is incinerated with energy recovery
Paper & Cardboard	167,892	104,985	126,691	200,273	146,058	100% recycled (95% for new paper & cardboard, 5% for toilet paper and paper towels)
Swill (fruit and vegetable waste)	37,922	17,553	12,150	31,207	30,881	100% is fermented with energy recovery
Glass	18,197	7,899	9,204	17,942	19,237	100% is recycled
E-waste	14,601	9,128	13,687	7,044	19,158	30% is sold/given to employees (not included in these numbers), of the other 20%, only metals and metal compound are re-used, Rest material is incinerated with energy recovery
PD (Plastic, Beverage containers)	42,320	6,600	8,605	32,173	18,992	85% is recycled (7.5% PET, 7.5%PP, 12.5% PE, 20% plastic film, 40% mixed materials), 15% is incinerated with energy recovery
B-quality wood	46,880	24,920	37,140	34,200	38,300	40% is recycled into MDF and chipboard, 60% is shredded and used in Bioenergy Power Plants with energy recovery
Coffee Grounds	4,877	2,392	3,281	14,874	18,297	Mostly incinerated with energy recovery, small amounts are reused for circular products (% depends on demand from market)
Construction& demolition	2,200	2,140				100% is recycled
Hazardous waste	37,248	36,714	41,212	42,177	50,426	Recycling is not applicable to this waste stream
EP (expired products)	11,060	8,229	9,855		4,627	75% is fermented with energy recovery, 25% is incinerated with energy recovery
EPS			60	126	162	
Hard plastics				560	3,650	
Other waste streams	7,864	8,227	5,971	21,210		
Total waste	985,085	637,939	699,495	903,213	816,336	
Construction& demolition LTSH projects			3,898,650	239,250	280,800	100% is recycled
Total kg recycled waste streams	333,072		212,639	346,064	299,362	
Recycling rate	34%		30%	38%	37%	