

Reykjavík Energy

Waste classification 2024

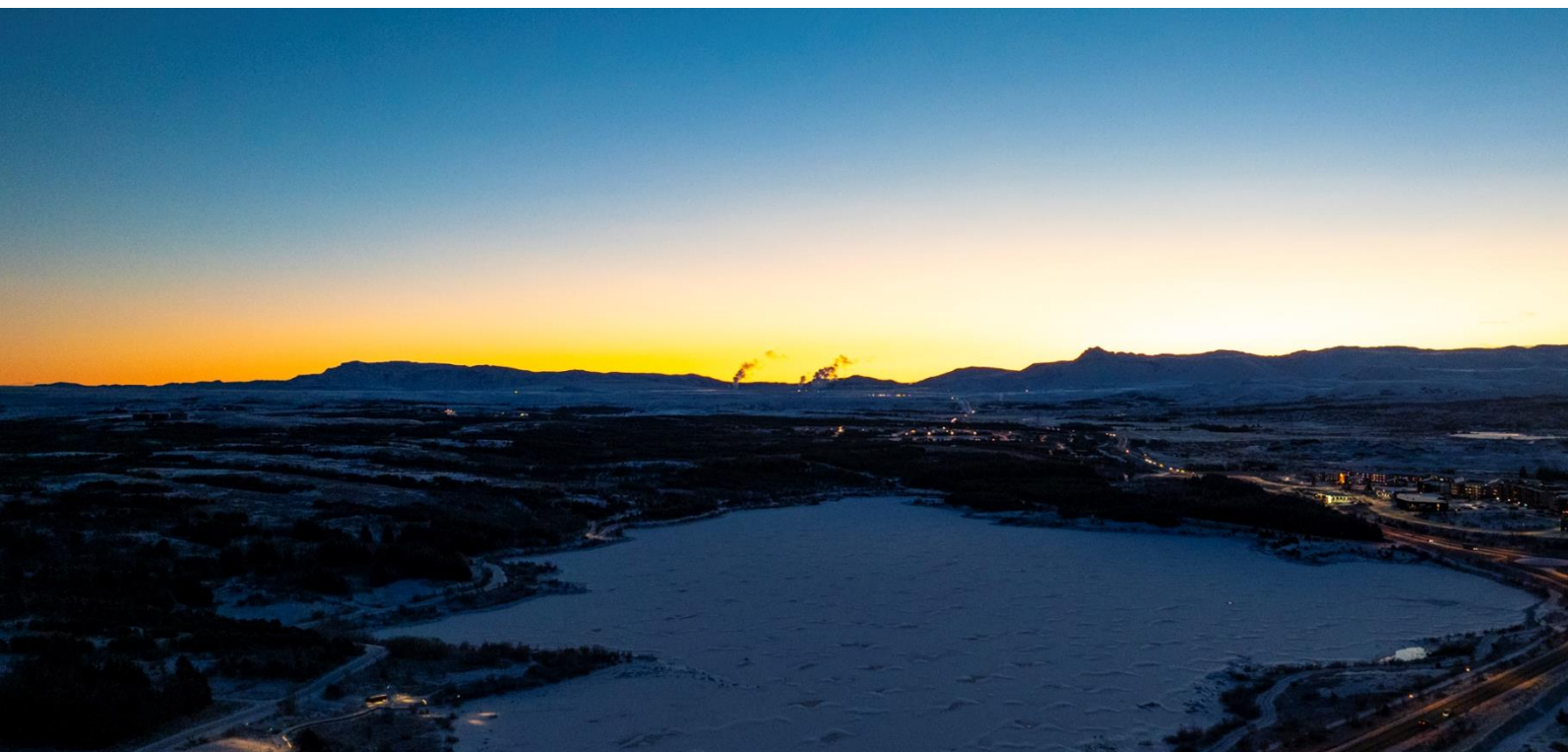


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Cover photo: Einar Örn Jónsson

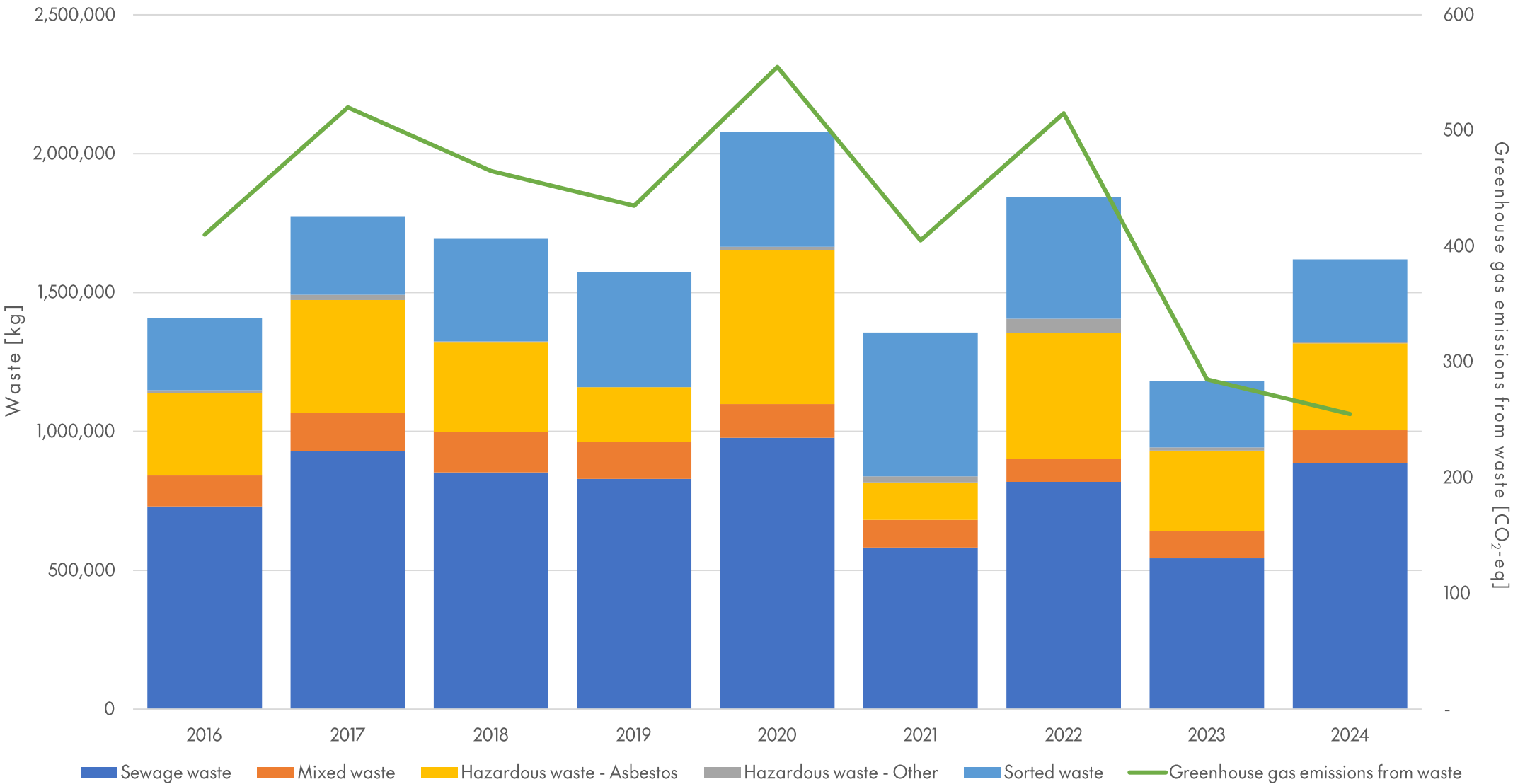
Classification of waste 2021-2024

CATEGORY	Unit	2021	2022	2023	2024
General waste for landfill	kg	62,600	65,455	2,424	60,320
General waste for energy utilization	kg			48,167	54,190
Bulk waste	kg	36,880	17,810	48,186	2,960
Green bin for recycling	kg				3,280
Mixed waste total	kg	99,480	83,265	98,777	120,750
Screening waste for landfill*	kg	581,900	818,200	106,028	111,760
Sand for landfill*	kg			437,170	464,050
Fat for incineration*	kg				311,120
Sewage waste total	kg	581,900	818,200	543,198	886,930
Gypsum	kg	1,000		7,320	1,440
Timber – painted	kg	26,900	29,990	33,640	60,660
Minerals	kg	106,870	87,960	59	3,090
Timber – unpainted	kg	23,490	21,500	15,993	32,745
Rock wool	kg				40
Construction waste total	kg	158,260	139,450	57,012	97,975
Newspapers	kg	120	120	370	
Office paper	kg	370	370	210	4,380
Cardboard	kg	20,580	18,380	19,786	23,460
Paper and cardboard total	kg	21,070	18,870	20,366	27,840
Food waste	kg	25,840	25,775	31,226	37,005
Cooking oil*	kg			198	325
Food waste total	kg	25,840	25,775	31,424	37,330
Refrigerators & freezers*	kg			90	60
Electronic equipment	kg	8400	4785	4,523	3,840
Television and monitors*	kg			554	160
Electronic equipment total	kg	8,400	4,785	5,077	4,060
Metals	kg	182,470	141,100	99,260	93,975
Metals total	kg	182,470	141,100	99,260	93,975
Plastics	kg	15,380	20,225	21,464	35,970
Plastic total	kg	15,380	20,225	21,464	35,970
Asbestos	kg	135,000	453,200	389,640	312,700
Light bulbs	kg	845	600	187	240
Paint	kg	360	1,030	115	100
Oil paint*	kg			202	60
Caulk and putty	kg				25
Oil filters*	kg			75	10
Oil contaminated waste	kg				1,135
Batteries	kg	780	116	202	110
Car batteries	kg	10,290	13,480	5,469	1,505
Solvents	kg				2
Hazardous materials	kg	4,225	26,100	2,592	2,373
Waste oil	kg	4,930	9,630	2,606	1,130
Hazardous waste total	kg	156,430	504,156	401,088	319,390

* Category not specified in previous years

Asphalt	tons	1,980	1,080
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Classification of waste and associated greenhouse gas emissions 2016-2024



Classification of waste by worksites and municipalities 2024

Category	Unit	Reykjavik (Bæjarh)*	Nesjavellir municipality of Grimsnes- and Grafnings- hreppur	Hellisheiði, municipality of Olfus	Smaratorg 3 Kopavogur	Reykjavik (Bæjarhals N-house)*	Reykjavik Ananaust sewage treatment	Reykjavik Klettagardar sewage treatment	Reykjavik Kjalarnes sewage treatment	Pumping stations in the capital area	Borgarbyggð sewage treatment plants	Akranes	Borgarnes & Stykkis- holmur	Hveragerði	Reykjavik Energy and subsidiari estotal
		Reykjavik Energy	ON Power		RFN & Carbfix	Veitur Utilities									
General waste for landfill	kg	16,620	13,860	17,920		10,820							1,100		60,320
General waste for energy utilization	kg	27,580	6,370	6,930	500	9,960						1,490	730	630	54,190
Bulk waste	kg	60											2,900		2,960
Green bin for recycling	kg					1,890	80	350				760		200	3,280
Mixed waste total	kg	44,260	20,230	24,850	500	22,670	80	350				2,250	4,730	830	120,750
Screening waste for landfill*	kg		30,375	6,075			22,120	39,510	160		20		11,890	1,500	111,650
Sand for landfill*	kg		101,250	20,250			97,540	175,390			65		41,540	28,080	464,115
Fat for incineration*	kg		70,875	14,175			24,020	48,460	1,110	101,600	45		50,880	0	311,165
Sewage waste total	kg		202,500	40,500			143,680	263,360	1,270	101,600	130		104,310	29,580	886,930
Gypsum	kg	1,440													1,440
Timber – painted	kg	16,960	13,540	12,600		16,680							880		60,660
Minerals	kg	40		3,040								10			3,090
Timber – unpainted	kg	13,705	5,360			13,680									32,745
Rock wool	kg					40									40
Construction waste total	kg	32,145	18,900	15,640		30,400						10	880		97,975
Office paper	kg	4,380													4,380
Cardboard	kg	13,360	1,150	1,320	150	6,510	30	90					590	260	23,460
Paper and cardboard total	kg	17,740	1,150	1,320	150	6,510	30	90					590	260	27,840
Food waste	kg	34,580		1,345		800						200	80		37,005
Cooking oil*	kg	325													325
Food waste total	kg	34,905		1,345		800						200	80		37,330

Category	Unit	Reykjavik (Baejarh)*	Nesjavellir municipality of Grimsnes- and Grafnings- hreppur	Hellisheiði, municipality of Olfus	Smaratorg 3 Kopavogur	Reykjavik (Baejarhals N-house)*	Reykjavik Ananaust sewage treatment	Reykjavik Klettagardar sewage treatment	Reykjavik Kjalarnes sewage treatment	Pumping stations in the capital area	Borgarbyggd sewage treatment plants	Akranes	Borgarnes & Stykkis- holmur	Hveragerdi	Reykjavik Energy and subsidiari estotal
Refrigerators & freezers*	kg	60													60
Electronic equipment	kg	3,010	460	200		170									3,840
Television and monitors*	kg	100	10	50											160
Electronic equipment total	kg	3,170	470	250		170									4,060
Metals	kg	405	12,880	14,290		65,540						860			93,975
Metals total	kg	405	12,880	14,290		65,540						860			93,975
Plastics	kg	16,140		960	80	15,940							2,730	120	35,970
Plastic total	kg	16,140		960	80	15,940							2,730	120	35,970
Asbestos	kg													312,700	312,700
Light bulbs	kg		25	55		160									240
Paint	kg	45		55											100
Oil paint*	kg	35		25											60
Caulk and putty	kg			25											25
Oil filters*	kg			5		5									10
Oil contaminated waste	kg		450	635		50									1,135
Batteries	kg	90	20												110
Car batteries	kg		15	120		1,370									1,505
Solvents	kg			2,370	1	2									2,373
Hazardous materials	kg			2											2
Waste oil	kg		200	375		555									1,130
Hazardous waste total	kg	170	710	3,667	1	2,142								312,700	319,390

* Office waste from Veitur Utilities' and ON Power's offices at Baejarhals included in Reykjavik Energy's numbers

** RFN: Reykjavik Fibre Network