Ukraine: summary data

Summary Data

Population (millions)	43
GDP (US$ billions)	126
GDP Per Person (US$)	2,964
Estimated Annual Waste Generation (million tonnes)	9.0
Per Person Annual Waste Generation (kg)	212

Source: AcuComm database, June 2019 www. acucomm.net

AcuComm currently lists 40 waste projects in Ukraine. These have a total value of US$4,133 million, or US$103 million each.

Waste processing is the leading project type, accounting for US$2,504 million or 61% of the total. This is followed by incineration (with energy recovery), accounting for US$506 million or 12% of the total.

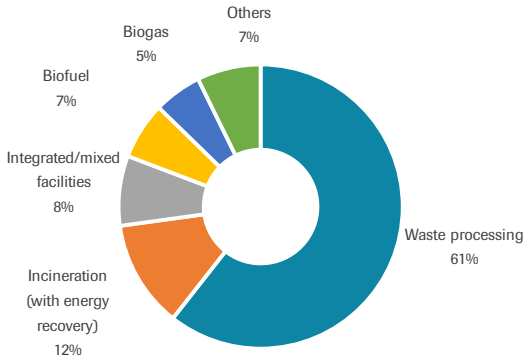
The total estimated capacity of these projects is 7.3 million tonnes. This is equal to 182,066 tonnes per project on average, and 569 tonnes per day per project (using a standard 320-day year).

This capacity is equal to 81% of Ukraine's estimated annual waste generation, at 9 million tonnes or 212 kg per person.

Power generation is a component of 30 projects, or 75% of the total. Total actual or planned generation is 295 MW, equal to 10 MW per project on average.

Ukraine, Feedstock Capacity (million tonnes)

Ukraine, Leading Tech Types (US$m)



Summary of Active Waste Projects

Number	40
Of which, power-generating	*30*
Total Value (US$m)	4,133
Average Value (US$m)	103
Capacity (million tonnes)	7.3
% of Estimated Generation	81
Average Annual Feedstock Capacity (tonnes)	182,066
Average Tonnes Per Day Per Project	569
Power Generation (MW)	295
Average Power Generation (MW)	10

US$m Value By Feedstock Type:

MSW	791
e-Waste	0
Food	0
Glass	0
Metals	0
Paper	0
Plastics	0
Rubber	0

US$m Value By Tech Type:

Anaerobic Digestion	0
Biofuel	268
Biogas	226
Gasification	0
Incineration (with energy recovery)	506
Incineration (without energy recovery)	0
Integrated/mixed facilities	329
Landfill	24
MBT	159
Other	74
Recycling	44
Waste processing	2,504

Source: AcuComm database, June 2019 www. acucomm.net

Ukraine: five year outlook

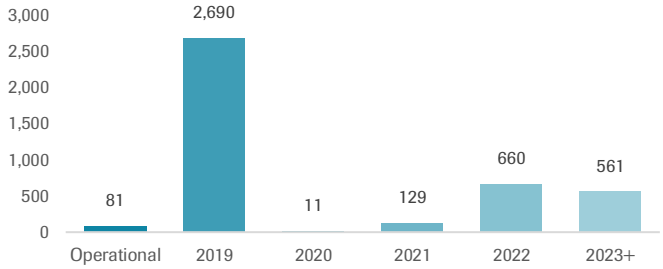
Waste investments totalling US$4,052 million are expected to become operational over the next few years. This is currently expected to peak in 2019 at US$2,690 million.

Planned additional capacity is 6.8 million tonnes, of which 2,992,421 tonnes (44% of the planned total) is estimated for 2022.

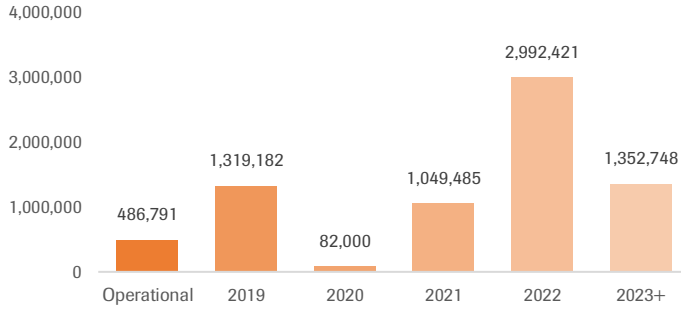
Planned additional power generation is 284 MW, of which 222 MW (78% of the planned total) is due to come into operation before 2022.

Around 2% of projects by value, and 7% by tonnage capacity, is in projects which are already operational.

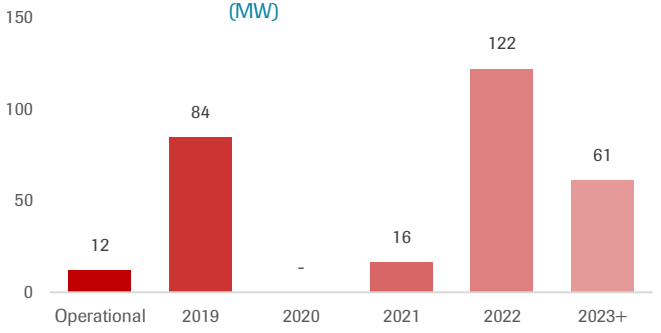
Ukraine, Value of Investments by Operational Date (US$m)



Ukraine, Capacity of Investments by Operational Date (tonnes)



Ukraine, Power Gen. of Investments by Operational Date (MW)



Ukraine, Projects by Date of Operational Status

	Operational	2019	2020	2021	2022	2023+
Number	8	7	1	4	14	6
Of which, power-generating	*6*	*6*	*0*	*3*	*9*	*6*
Value (US$m)	81	2,690	11	129	660	561
Average Value (US$m)$	10	384	11	32	47	94
Feedstock Capacity (tonnes)	486,791	1,319,182	82,000	1,049,485	2,992,421	1,352,748
Average Feedstock Capacity (tonnes)	60,849	188,455	82,000	262,371	213,744	225,458
Average Tonnes Per Day Per Project	190	589	256	820	668	705
Estimated Power Generation (MW)	12	84	-	16	122	61
Average Power Generation (MW)	2	14	-	5	14	10

Source: AcuComm database, June 2019 www. acucomm.net