

# Waste Business Monitor

The only source of "real time" trend data analysing global waste plant developments



ALL DATA CURRENT AT

**JULY 2016**

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*In this month's report...*

**The latest waste plant developments in July 2016**

- Latest Monthly Projects by Facility Type and Feedstock
- Latest Monthly Capacity by Facility Type and Feedstock
- Latest Power Generation Projects Listed by Facility Type and Feedstock
- Latest Country Focus Top Ten Countries with number and value of projects listed
- Completion Date Focus



**Essential for waste equipment manufacturers, operators and service companies**

## Welcome to Waste Business Monitor.

Welcome to your complimentary issue of AcuComm's Waste Business Monitor (WBM).

WBM provides an ongoing and comprehensive analysis of current projects in the global waste industry, enabling you to establish the level of activity in the different sectors of the waste industry around the world. The data in it is taken from AcuComm's Business Database. This is a database of projects compiled and maintained by us on a daily basis. The information in it – and therefore in Waste Business Monitor – is not readily available from any other source.

WBM is organised in the following sections:

The first section examines new projects reported in the latest month. It looks at the overall number and value of these, and then divides them in two ways. Each project is allocated a principal facility type, such as anaerobic digestion, gasification plant or WtE incineration plant.

Secondly, each project is allocated a principal feedstock type, such as municipal solid waste, plant biomass or food for example. Then, the waste capacity and power generation capacity of each project is examined. After this, we look at which countries are most active, and when projects are reported as being likely to complete.

I hope Waste Business Monitor is useful to you. If you have any questions or queries, or if you have a project which you would like to see included in our Business Database – free of charge – then please do get in touch

**Andy Crofts**

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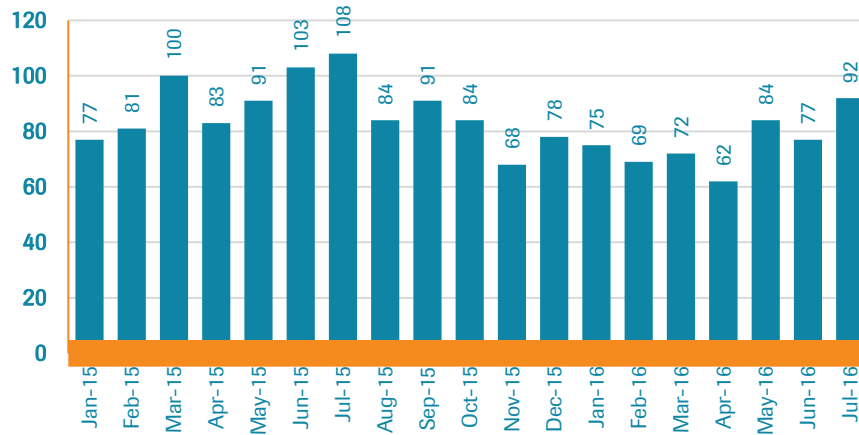
# Projects This Month: July 2016

## Overview

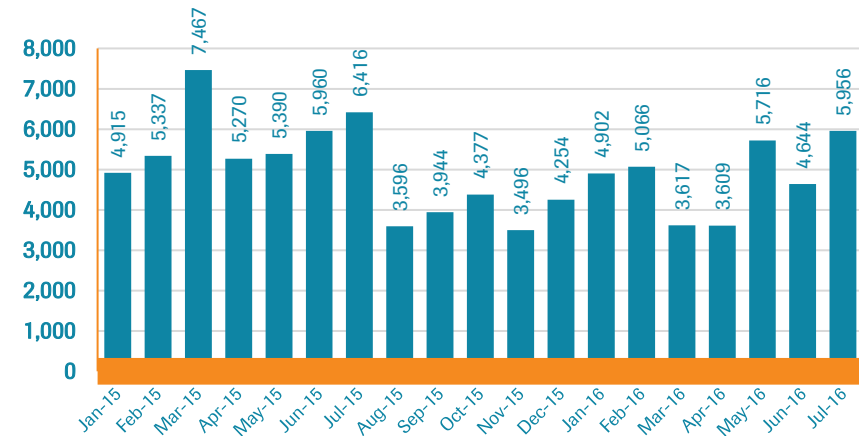
AcuComm reported on 92 new/updated waste projects in July 2016. This takes the annual number (since August 2015) to 936, and the total overall since January 2015 to 1,579. The database as a whole contains 4,265 active project investments.

**Each new waste project represents on-going investment of an average of around US\$63 million.**

Number of New Projects by Month



Estimated Total Value of New Projects (US\$m)



The total estimated value of these new projects is US\$5,956 million. This takes the total estimated value of projects reported since August 2015 to US\$53,177 million. The average estimated value of a waste project over this period is US\$57 million.



Incineration (with energy recovery) projects form the largest number in July 2016, accounting for 28 or 30.4% of the total. This was followed by recycling with 17 projects, or 18.5% of the total.



WtE incineration is the leading facility type by estimated value, at US\$3,597 million, or 60.4% of the total. This was followed by recycling with US\$726 million, or 12.2% of the total.

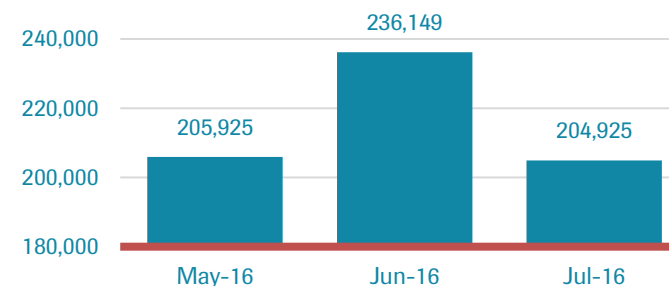
# Quarterly Project Data Comparison

## Key Indicators for May 2016 to July 2016

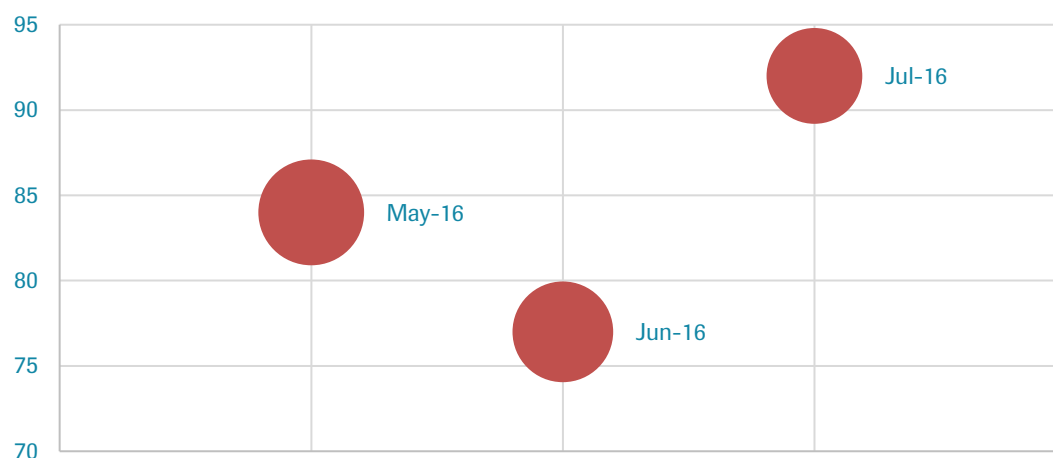
	May-16	Jun-16	Jul-16	Quarterly Total
Number of new projects	84	77	92	253
Total estimated value (US\$ millions)	5,716	4,644	5,956	16,316
Average value (US\$ millions)	68	60	65	64
Estimated waste capacity (tonnes)	17,297,674	18,183,474	18,853,099	54,334,247
Average annual capacity per project (tonnes)	205,925	236,149	204,925	214,760
Estimated power generation (MW)	1,136	944	1,020	3,100
Average MW per project	14	12	11	12

This page compares data on projects reported in the current month, compared with the previous two months. This provides a comparison of the most recent data, and also a quarterly total. The size of the circles in the bottom left graph represents the total estimated project values, as reported in the table on this page.

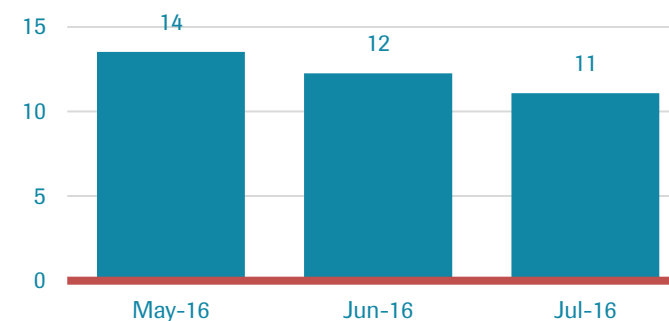
Average annual capacity per project (tonnes)



Projects by Number and Estimated US\$ Value



Average MW per project



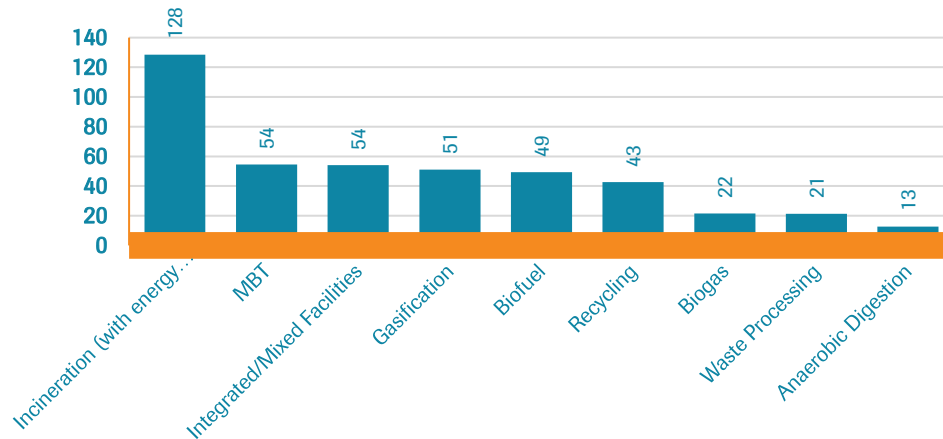
### Latest Monthly Projects by Facility Type (July 2016)

	Projects	With Value (US\$m)	Reported Value (US\$m)	Total Estimated Value (US\$m)	Average value (US\$m)
Anaerobic Digestion	4	1	6	50	13
Biofuel	8	5	120	394	49
Biogas	9	2	34	194	22
Gasification	2	1	4	102	51
Incineration (energy recovery)	28	16	2,281	3,597	128
Incineration (no energy recovery)	0	0	0	0	-
Integrated Facilities (IWMF)	2	2	108	108	54
Landfill	4	4	32	32	8
MBT	3	1	1	163	54
Recycling	17	3	306	726	43
Waste Processing	11	6	136	235	21
Others	4	1	135	355	89
<b>Total</b>	<b>92</b>	<b>42</b>	<b>3,164</b>	<b>5,956</b>	<b>65</b>

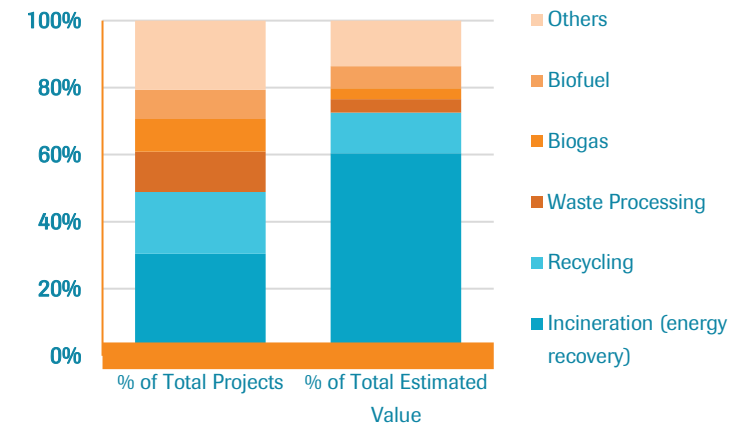
### Latest Monthly Projects by Facility Type % of Total (July 2016)

	% of Total Projects	% of Total Estimated Value
Anaerobic Digestion	4.3	0.8
Biofuel	8.7	6.6
Biogas	9.8	3.3
Gasification	2.2	1.7
Incineration (energy recovery)	30.4	60.4
Incineration (no energy recovery)	0.0	0.0
Integrated Facilities (IWMF)	2.2	1.8
Landfill	4.3	0.5
MBT	3.3	2.7
Recycling	18.5	12.2
Waste Processing	12.0	3.9
Others	4.3	6.0
<b>Total</b>	<b>100.0</b>	<b>100.0</b>

### Average Value of Projects, Jul 2016 (US\$m)



### Projects By Facility Type, Jul 2016



In terms of waste feedstock type, MSW was the leading category in July 2016. MSW accounted for 26 projects (28.3% of the total) with an estimated value of US\$2,607 million (43.8% of the total), equal to US\$100 million on average.



Wood was the other principal feedstock in July 2016. This accounted for 21 projects in total, worth an estimated US\$1,345 million or US\$64 million on average.



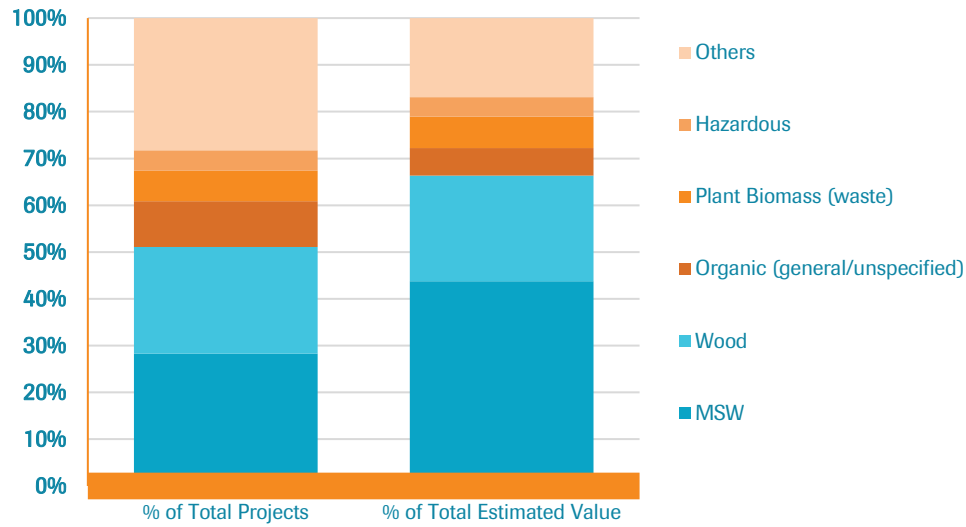
### Latest Monthly Projects by Feedstock Type (July 2016)

	Projects	With Value (US\$m)	Reported Value (US\$m)	Total Estimated Value (US\$m)	Average value (US\$m)
Animal	4	1	6	63	16
Clinical	0	0	-	-	-
Construction/Demolition	2	0	-	8	4
e-Waste	1	1	36	36	36
Food	4	2	19	81	20
Gas	3	2	4	139	46
Glass	0	0	-	-	-
Hazardous	4	3	204	249	62
Heat	2	1	266	315	158
Industrial	1	0	-	76	76
Metals	3	0	-	148	49
MSW	26	13	1,675	2,607	100
Oil	1	0	-	43	43
Organic (general/unspecified)	9	3	46	353	39
Paper	0	0	-	-	-
Plant Biomass (non-waste)	1	1	9	9	9
Plant Biomass (waste)	6	1	125	397	66
Plastics	1	0	-	17	17
Radioactive	0	0	-	-	-
Rubber	0	0	-	-	-
Sewage/wastewater	2	0	-	67	34
Wood	21	13	768	1,345	64
Other	1	1	6	6	6
<b>Total</b>	<b>92</b>	<b>42</b>	<b>3,164</b>	<b>5,956</b>	<b>65</b>

### Latest Monthly Projects by Feedstock Type (% of Total)

	% of Total Projects	% of Total Estimated Value
Animal	4.3	1.1
Clinical	-	-
Construction/Demolition	2.2	0.1
e-Waste	1.1	0.6
Food	4.3	1.4
Gas	3.3	2.3
Glass	-	-
Hazardous	4.3	4.2
Heat	2.2	5.3
Industrial	1.1	1.3
Metals	3.3	2.5
MSW	28.3	43.8
Oil	1.1	0.7
Organic (general/unspecified)	9.8	5.9
Paper	-	-
Plant Biomass (non-waste)	1.1	0.1
Plant Biomass (waste)	6.5	6.7
Plastics	1.1	0.3
Radioactive	-	-
Rubber	-	-
Sewage/wastewater	2.2	1.1
Wood	22.8	22.6
Other	1.1	0.1
<b>Total</b>	<b>100.0</b>	<b>100.0</b>

### Projects By Feedstock Type, July 2016



**General municipal waste accounts for a significant part of waste throughput, although it is by no means the only feedstock.**



# Latest Monthly Capacity

For the 92 projects listed in July 2016, AcuComm estimates total waste capacity to be 18.5 million tonnes. This is equal to an average of 209,479 tonnes per project, and an average of 655 tonnes per day per project.

WtE incineration was the largest facility type in terms of capacity, amounting to just under 8.5 million tonnes, or 44.9% of the total. This was followed by landfill with 1.9 million tonnes (10.1%).



**Incineration with energy recovery represented 44.9% of estimated new capacity in July 2016.**

## Estimated Waste Capacity of Projects Listed by Facility Type (July 2016)

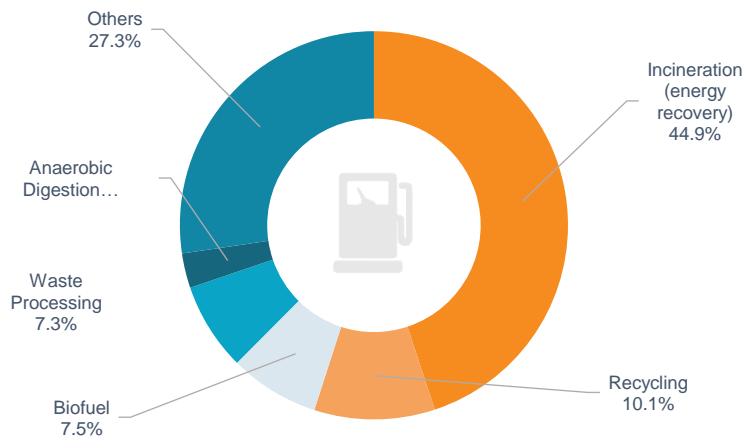
	Projects	Estimated Annual Capacity (tonnes)	Average Annual Capacity (tonnes)	Average Tonnes Per Day
Anaerobic Digestion	4	544,022	136,006	425
Biofuel	8	1,413,395	176,674	552
Biogas	9	487,022	54,114	169
Gasification	2	158,990	79,495	248
Incineration (energy recovery)	28	8,468,110	302,432	945
Incineration (no energy recovery)	0	0	-	-
Integrated Facilities (IWMF)	2	396,112	198,056	619
Landfill	4	501,810	250,905	784
MBT	3	524,744	174,915	547
Recycling	17	1,896,133	111,537	349
Waste Processing	11	1,380,504	125,500	392
Others	4	3,082,256	770,564	2,408
<b>Total</b>	<b>92</b>	<b>18,853,099</b>	<b>209,479</b>	<b>655</b>

## Estimated Capacity by Facility Type, % of Total (July 2016)

	% of Total Reported Capacity
Anaerobic Digestion	2.9
Biofuel	7.5
Biogas	2.6
Gasification	0.8
Incineration (energy recovery)	44.9
Incineration (no energy recovery)	-
Integrated Facilities (IWMF)	2.1
Landfill	2.7
MBT	2.8
Recycling	10.1
Waste Processing	7.3
Others	16.3
<b>Total</b>	<b>100.0</b>

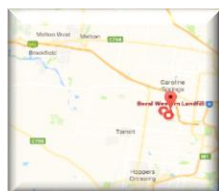


### % Capacity by Facility Type, July 2016



A decision on expanding the Ravenhall landfill site in Melbourne, Victoria, Australia, can be expected soon. If approved, it would create what is claimed to be the biggest landfill site in the world.

[Click map for full details](#)



MSW accounted for just over 6.5 million tonnes of capacity in July 2016, equal to 34.5% of the total, and an average of 782 tonnes per day. The other major feedstock categories were organic materials, plant biomass, sewage/wastewater and wood.



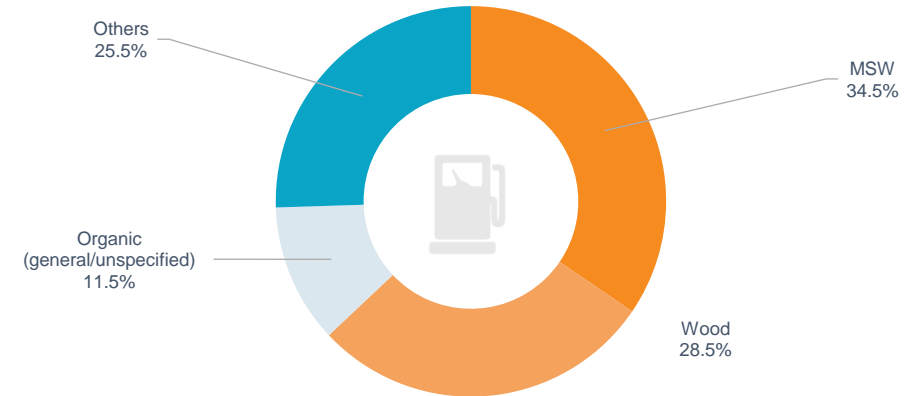
### Latest Monthly Projects by Feedstock Type (July 2016)

	Projects	Annual Capacity (tonnes)	Average Annual Capacity (tonnes)	Average Tonnes Per Day
Animal	4	515,779	128,945	403
Clinical	0	0	-	-
Construction/Demolition	2	427,774	213,887	668
e-Waste	1	171,415	171,415	536
Food	4	99,072	24,768	77
Gas	3	58,400	58,400	183
Glass	0	0	-	-
Hazardous	4	200,333	50,083	157
Heat	2	267,905	133,953	419
Industrial	1	129,363	129,363	404
Metals	3	725,616	241,872	756
MSW	26	6,509,479	250,365	782
Oil	1	36,000	36,000	113
Organic (general/unspecified)	9	2,172,157	241,351	754
Paper	0	0	-	-
Plant Biomass (non-waste)	1	748,324	748,324	2,339
Plant Biomass (waste)	6	1,185,673	197,612	618
Plastics	1	29,996	29,996	94
Radioactive	0	0	-	-
Rubber	0	0	-	-
Sewage/wastewater	2	39,901	19,951	62
Wood	21	5,364,497	255,452	798
Other	1	171,415	171,415	536
<b>Total</b>	<b>92</b>	<b>18,853,099</b>	<b>209,479</b>	<b>655</b>

### Reported Capacity by Feedstock, % of Total (July 2016)

	Capacity as % of Total
Animal	2.7
Clinical	-
Construction/Demolition	2.3
e-Waste	0.9
Food	0.5
Gas	0.3
Glass	-
Hazardous	1.1
Heat	1.4
Industrial	0.7
Metals	3.8
MSW	34.5
Oil	0.2
Organic (general/unspecified)	11.5
Paper	-
Plant Biomass (non-waste)	4.0
Plant Biomass (waste)	6.3
Plastics	0.2
Radioactive	-
Rubber	-
Sewage/wastewater	0.2
Wood	28.5
Other	0.9
<b>Total</b>	<b>100.0</b>

### % Capacity by Feedstock, July 2016



**Municipal Solid Waste accounted for 34.5% of waste capacity in projects covered in the Business Finder database in July 2016.**



# Latest Power Generation

In July 2016, estimated annual power generation amounted to 1,020 MW in total. 80.8% of this was from WtE incineration with most of the remainder coming from biofuels, worth 8.0% of the total.

Incineration amounted to 28 projects with total estimated generation of 823 MW, equal to 29 MW per plant.



**WtE incineration and biofuels dominated the reported power generation of projects in July 2016.**

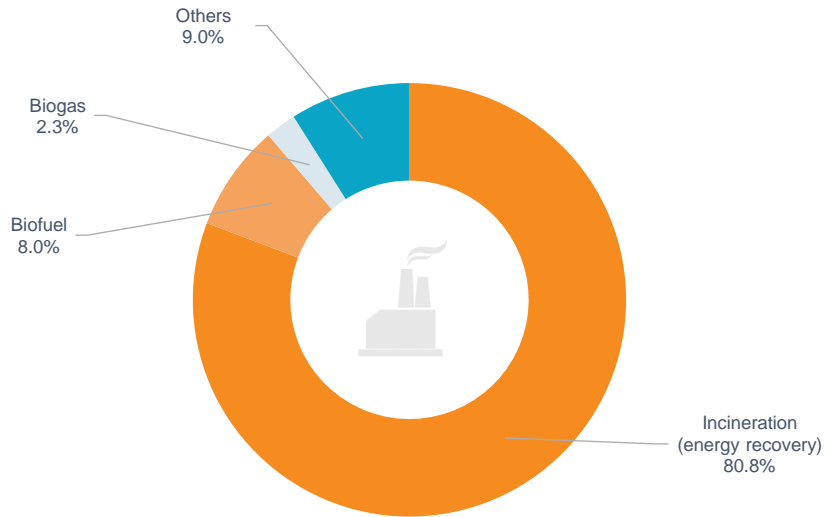
## Estimated Power Generation of Projects Listed by Facility Type (July 2016)

	Projects	With Reported MW Generation	Estimated Annual MW Generation	Average MW Generation
Anaerobic Digestion	4	4	7	2
Biofuel	8	7	81	12
Biogas	9	9	23	3
Gasification	2	2	6	3
Incineration (energy recovery)	28	28	823	29
Incineration (no energy recovery)	0	0	0	-
Integrated Facilities (IWMF)	2	1	19	19
Landfill	4	2	9	5
MBT	3	3	46	15
Recycling	17	1	2	2
Waste Processing	11	0	0	-
Others	4	1	2	2
<b>Total</b>	<b>92</b>	<b>58</b>	<b>1,020</b>	<b>18</b>

## Latest Estimated Power Generation by Facility Type, % of Total (July 2016)

	% of Total Projects
Anaerobic Digestion	0.7
Biofuel	8.0
Biogas	2.3
Gasification	0.6
Incineration (energy recovery)	80.8
Incineration (no energy recovery)	-
Integrated Facilities (IWMF)	1.8
Landfill	0.9
MBT	4.5
Recycling	0.2
Waste Processing	-
Others	0.2
<b>Total</b>	<b>100.0</b>

% MW Generation by Facility Type, Jul 2016



In July 2016, 80.8% of proposed power generation was through incineration, principally using wood, plant biomass, other organic materials and MSW as feedstocks.



Latest Estimated Power Generation of Projects Listed by Feedstock Type (July 2016)

	Projects	With Reported MW Generation	Estimated MW Generation	Average MW Generation
Animal	4	3	4	1
Clinical	0	0	0	-
Construction/Demolition	2	0	0	-
e-Waste	1	0	0	-
Food	4	1	3	3
Gas	3	2	9	5
Glass	0	0	0	-
Hazardous	4	0	0	-
Heat	2	1	2	2
Industrial	1	1	23	23
Metals	3	0	0	-
MSW	26	14	391	28
Oil	1	1	16	16
Organic (general/unspecified)	9	9	44	5
Paper	0	0	0	-
Plant Biomass (non-waste)	1	1	33	33
Plant Biomass (waste)	6	5	54	11
Plastics	1	0	0	-
Radioactive	0	0	0	-
Rubber	0	0	0	-
Sewage/wastewater	2	2	8	4
Wood	21	18	433	24
Other	1	0	0	-
<b>Total</b>	<b>92</b>	<b>58</b>	<b>1,020</b>	<b>18</b>

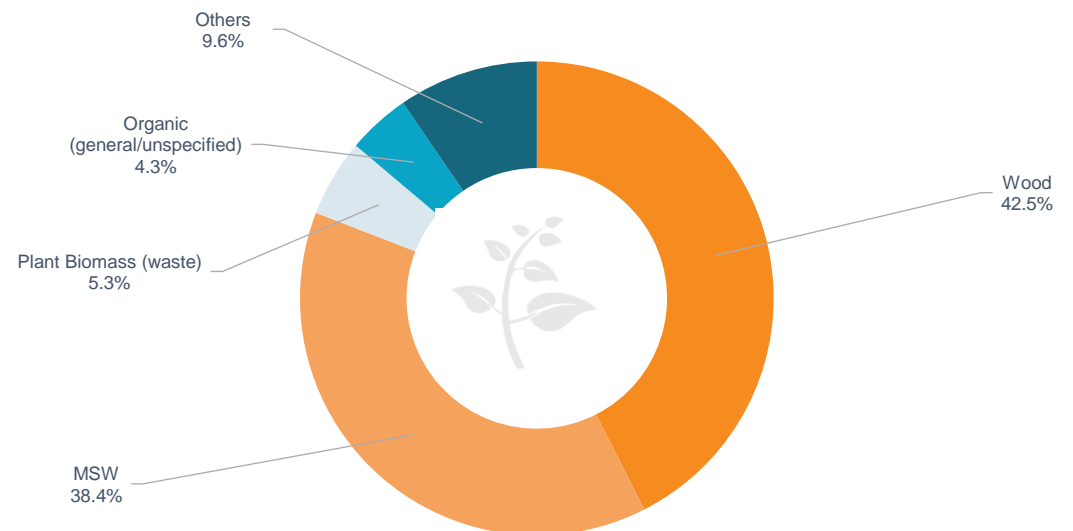
### Latest Estimated Power Generation by Feedstock Type, % of Total (July 2016)

	MW Generation as % of Total
Animal	0.4
Clinical	-
Construction/Demolition	-
e-Waste	-
Food	0.3
Gas	0.9
Glass	-
Hazardous	-
Heat	0.2
Industrial	2.3
Metals	-
MSW	38.4
Oil	1.6
Organic (general/unspecified)	4.3
Paper	-
Plant Biomass (non-waste)	3.2
Plant Biomass (waste)	5.3
Plastics	-
Radioactive	-
Rubber	-
Sewage/wastewater	0.8
Wood	42.5
Other	-
<b>Total</b>	<b>100.0</b>

**Biomass and wood-based materials - whether waste products or grown specially - are increasingly being used as a fuel for providing domestic power for heat and light.**



% MW Generation by Feedstock Type, July 2016



# Latest Country Focus

The USA was the leading country in July 2016 in terms of new projects reported, with 10 in total. This was followed by the UK with nine and China with eight.

In terms of estimated value, China was the leader, with US\$1,172 million or 19.7% of the total. This was followed by Japan and the UAE with US\$1,069 million and US\$551 million respectively.



Significant waste investments occur not only in developed markets, but across the developing world.

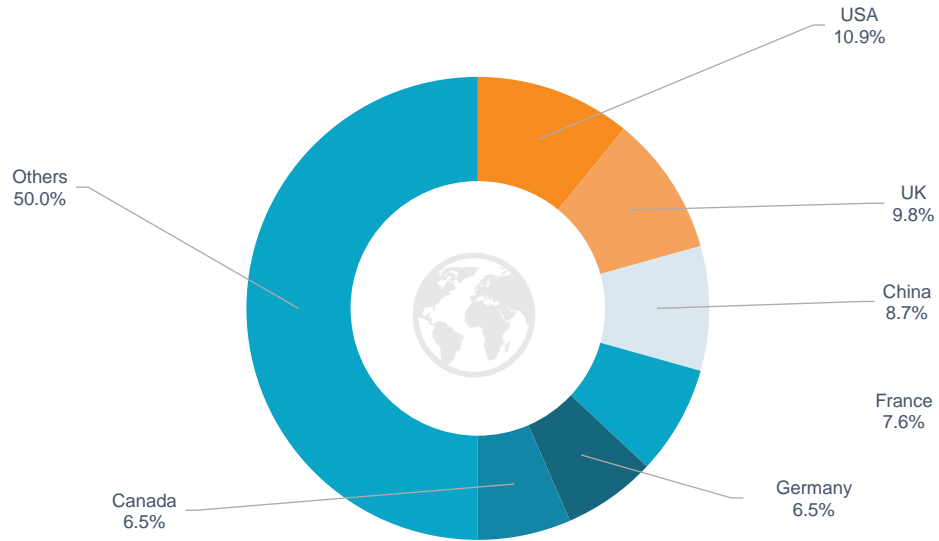
## Top Ten Countries (number of projects listed), July 2016

	Projects	% of Total
USA	10	10.9
UK	9	9.8
China	8	8.7
France	7	7.6
Germany	6	6.5
Canada	6	6.5
Japan	6	6.5
Australia	4	4.3
Sweden	3	3.3
United Arab Emirates	2	2.2
<b>Subtotal</b>	<b>61</b>	<b>66.3</b>
Others	31	33.7
<b>Total</b>	<b>92</b>	<b>100.0</b>

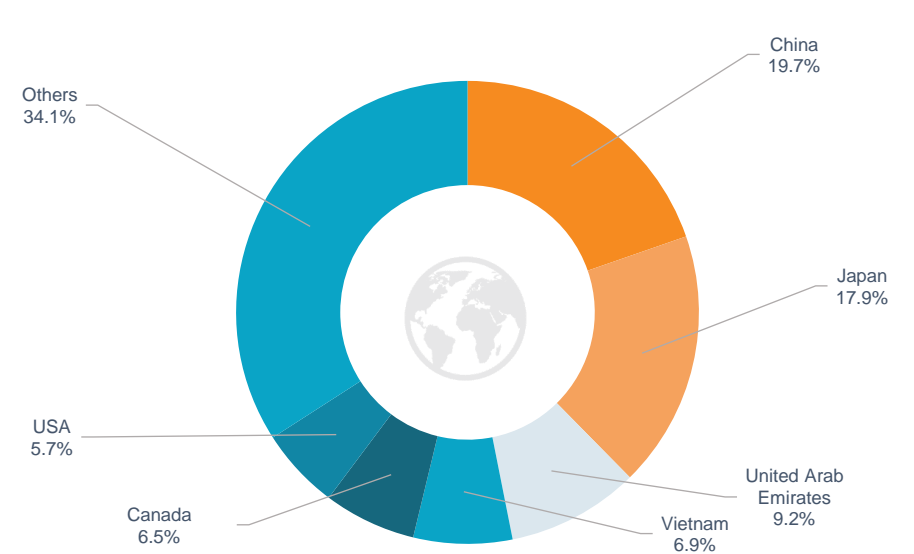
## Top Ten Countries (estimated value of projects listed), July 2016

	US\$ millions	% of Total
China	1,172	19.7
Japan	1,069	17.9
United Arab Emirates	551	9.2
Vietnam	411	6.9
Canada	384	6.5
USA	338	5.7
UK	278	4.7
Germany	194	3.3
France	185	3.1
Denmark	156	2.6
<b>Subtotal</b>	<b>4,740</b>	<b>79.6</b>
Others	1,217	20.4
<b>Total</b>	<b>5,956</b>	<b>100.0</b>

Leading Countries, Number of Projects, July 2016



Leading Countries, Value of Projects, July 2016



# Operational Date Focus

Of the 92 projects reported on in July 2016, one is already in operation, valued at US\$45 million. A further 30 are estimated to become operational in 2016, worth a total of US\$808 million. For 2017, 21 projects are expected to become operational, worth US\$1,101 million.

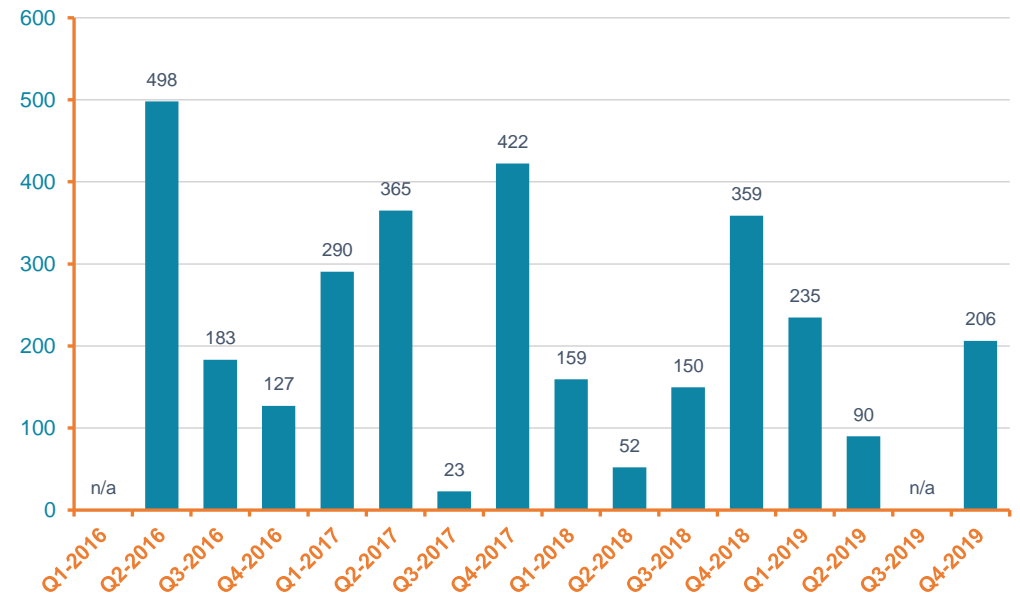


Once work starts, the average project takes around 18 months to become operational. Most, however have on-going operational requirements for much longer.

## Projects by Estimated Operational Date (July 2016)

	Number of Projects	Value (US\$ millions)
Already operational	1	45
Q4-2015	0	n/a
Q1-2016	0	n/a
Q2-2016	14	498
Q3-2016	12	183
Q4-2016	4	127
Q1-2017	3	290
Q2-2017	7	365
Q3-2017	2	23
Q4-2017	9	422
Q1-2018	2	159
Q2-2018	2	52
Q3-2018	3	150
Q4-2018	11	359
2019+	22	531

Estimated Value of Investments by Operational Date, 2016-2019 (US\$ millions)





# Latest Monthly Project Listings, July 2016

Country	Summary	Link
Argentina	Development of an AD plant.	<a href="http://www.acucomm.net/business-finder/4404">http://www.acucomm.net/business-finder/4404</a>
Australia	Installation of a commingled recycling system.	<a href="http://www.acucomm.net/business-finder/4332">http://www.acucomm.net/business-finder/4332</a>
Australia	Construction of a 75,000 tpa recycling facility.	<a href="http://www.acucomm.net/business-finder/4336">http://www.acucomm.net/business-finder/4336</a>
Australia	Construction of an animal waste processing plant.	<a href="http://www.acucomm.net/business-finder/4338">http://www.acucomm.net/business-finder/4338</a>
Australia	Upgrading of biogas capture at wastewater treatment plant.	<a href="http://www.acucomm.net/business-finder/4401">http://www.acucomm.net/business-finder/4401</a>
Austria	Development of a biogas plant at food factory.	<a href="http://www.acucomm.net/business-finder/4387">http://www.acucomm.net/business-finder/4387</a>
Belize	Delivery of a biodiesel plant.	<a href="http://www.acucomm.net/business-finder/4372">http://www.acucomm.net/business-finder/4372</a>
Brazil	Development of a biomass plant.	<a href="http://www.acucomm.net/business-finder/4392">http://www.acucomm.net/business-finder/4392</a>
Cambodia	Development of a 10 MW biomass plant.	<a href="http://www.acucomm.net/business-finder/4385">http://www.acucomm.net/business-finder/4385</a>
Canada	Development of 160 tonnes per day methanol plant.	<a href="http://www.acucomm.net/business-finder/4362">http://www.acucomm.net/business-finder/4362</a>
Canada	Development of a biocrude oil plant.	<a href="http://www.acucomm.net/business-finder/4375">http://www.acucomm.net/business-finder/4375</a>
Canada	Development of a wood-fuelled biomass plant.	<a href="http://www.acucomm.net/business-finder/4378">http://www.acucomm.net/business-finder/4378</a>
Canada	Development of a biomass-fuelled plant.	<a href="http://www.acucomm.net/business-finder/4390">http://www.acucomm.net/business-finder/4390</a>
Canada	Construction of a biocrude production facility.	<a href="http://www.acucomm.net/business-finder/4405">http://www.acucomm.net/business-finder/4405</a>
Canada	Construction of a pilot wood-fuelled biomass plant.	<a href="http://www.acucomm.net/business-finder/4406">http://www.acucomm.net/business-finder/4406</a>
China	Dismantling, redevelopment and upgrading of WtE facility.	<a href="http://www.acucomm.net/business-finder/4322">http://www.acucomm.net/business-finder/4322</a>
China	Installation of a 600 tpd combustion grate system.	<a href="http://www.acucomm.net/business-finder/4341">http://www.acucomm.net/business-finder/4341</a>
China	Installation of two 500 tpd combustion grate systems.	<a href="http://www.acucomm.net/business-finder/4342">http://www.acucomm.net/business-finder/4342</a>
China	Installation of a 600 tpd combustion grate system.	<a href="http://www.acucomm.net/business-finder/4343">http://www.acucomm.net/business-finder/4343</a>
China	Installation of two 500 tpd incineration lines.	<a href="http://www.acucomm.net/business-finder/4344">http://www.acucomm.net/business-finder/4344</a>
China	Strengthening of solid waste management facilities.	<a href="http://www.acucomm.net/business-finder/4353">http://www.acucomm.net/business-finder/4353</a>
China	Construction of a 383,250 tpa WtE facility.	<a href="http://www.acucomm.net/business-finder/4394">http://www.acucomm.net/business-finder/4394</a>
China	Construction of a hazardous waste treatment facility.	<a href="http://www.acucomm.net/business-finder/4396">http://www.acucomm.net/business-finder/4396</a>
Colombia	Construction of a cellulose-to-sugar plant	<a href="http://www.acucomm.net/business-finder/4373">http://www.acucomm.net/business-finder/4373</a>
Croatia	Construction of 1 MW biogas plant.	<a href="http://www.acucomm.net/business-finder/4354">http://www.acucomm.net/business-finder/4354</a>
Denmark	Upgrading of WtE facility.	<a href="http://www.acucomm.net/business-finder/4355">http://www.acucomm.net/business-finder/4355</a>
Denmark	Conversion of a coal boiler plant to biomass.	<a href="http://www.acucomm.net/business-finder/4356">http://www.acucomm.net/business-finder/4356</a>

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Country	Summary	Link
Finland	Construction of a 6 MW biomass plant.	<a href="http://www.acucomm.net/business-finder/4352">http://www.acucomm.net/business-finder/4352</a>
France	Construction of an AD plant.	<a href="http://www.acucomm.net/business-finder/4321">http://www.acucomm.net/business-finder/4321</a>
France	Development of a biomass district heating network.	<a href="http://www.acucomm.net/business-finder/4323">http://www.acucomm.net/business-finder/4323</a>
France	Development of a wood-fuelled 2.9 MW biomass plant.	<a href="http://www.acucomm.net/business-finder/4324">http://www.acucomm.net/business-finder/4324</a>
France	Development of a biomass plant.	<a href="http://www.acucomm.net/business-finder/4326">http://www.acucomm.net/business-finder/4326</a>
France	Construction of a 2.5 MW biomass boiler plant.	<a href="http://www.acucomm.net/business-finder/4330">http://www.acucomm.net/business-finder/4330</a>
France	Development of 60,000 tpa recycling plant.	<a href="http://www.acucomm.net/business-finder/4361">http://www.acucomm.net/business-finder/4361</a>
France	Inauguration of a waste recycling and sorting facility.	<a href="http://www.acucomm.net/business-finder/4363">http://www.acucomm.net/business-finder/4363</a>
Germany	Supply of new granulators to recycling plant.	<a href="http://www.acucomm.net/business-finder/4349">http://www.acucomm.net/business-finder/4349</a>
Germany	Development of a Ductor Add-On biogas plant.	<a href="http://www.acucomm.net/business-finder/4364">http://www.acucomm.net/business-finder/4364</a>
Germany	Biomethane plant goes into operation.	<a href="http://www.acucomm.net/business-finder/4371">http://www.acucomm.net/business-finder/4371</a>
Germany	Installation of a shredder.	<a href="http://www.acucomm.net/business-finder/4376">http://www.acucomm.net/business-finder/4376</a>
Germany	Opening of an aerosol recycling facility.	<a href="http://www.acucomm.net/business-finder/4382">http://www.acucomm.net/business-finder/4382</a>
Germany	Construction of a biomass plant.	<a href="http://www.acucomm.net/business-finder/4403">http://www.acucomm.net/business-finder/4403</a>
Ghana	Construction of a biomass plant.	<a href="http://www.acucomm.net/business-finder/4325">http://www.acucomm.net/business-finder/4325</a>
India	Construction of a wet and dry waste management facility.	<a href="http://www.acucomm.net/business-finder/4319">http://www.acucomm.net/business-finder/4319</a>
Japan	Redevelopment of a 300 tpd WtE facility.	<a href="http://www.acucomm.net/business-finder/4345">http://www.acucomm.net/business-finder/4345</a>
Japan	Supply of a 2 MW heat recovery ORC unit for a steel plant.	<a href="http://www.acucomm.net/business-finder/4346">http://www.acucomm.net/business-finder/4346</a>
Japan	Construction of a WtE plant.	<a href="http://www.acucomm.net/business-finder/4348">http://www.acucomm.net/business-finder/4348</a>
Japan	Refurbishment of a WtE facility.	<a href="http://www.acucomm.net/business-finder/4350">http://www.acucomm.net/business-finder/4350</a>
Japan	Construction of a 5.7 MW biomass gasification plant.	<a href="http://www.acucomm.net/business-finder/4357">http://www.acucomm.net/business-finder/4357</a>
Japan	Construction of a 75 MW biomass plant.	<a href="http://www.acucomm.net/business-finder/4365">http://www.acucomm.net/business-finder/4365</a>
Lebanon	Development of a waste sorting and composting plant.	<a href="http://www.acucomm.net/business-finder/4397">http://www.acucomm.net/business-finder/4397</a>
Mexico	Development of a pilot biogas plant.	<a href="http://www.acucomm.net/business-finder/4377">http://www.acucomm.net/business-finder/4377</a>
Myanmar	Development of a 10 MW biomass plant.	<a href="http://www.acucomm.net/business-finder/4386">http://www.acucomm.net/business-finder/4386</a>
Netherlands	Upgrading of an RDF plant.	<a href="http://www.acucomm.net/business-finder/4366">http://www.acucomm.net/business-finder/4366</a>
Netherlands	Construction of an e-waste sorting facility.	<a href="http://www.acucomm.net/business-finder/4367">http://www.acucomm.net/business-finder/4367</a>

# Latest Monthly Project Listings, July 2016 (cont.)

Country	Summary	Link
New Zealand	Development of a landfill gas management system.	<a href="http://www.acucomm.net/business-finder/4340">http://www.acucomm.net/business-finder/4340</a>
Oman	Development of a material recovery facility.	<a href="http://www.acucomm.net/business-finder/4370">http://www.acucomm.net/business-finder/4370</a>
Philippines	Construction of a solid waste management facility.	<a href="http://www.acucomm.net/business-finder/4328">http://www.acucomm.net/business-finder/4328</a>
Portugal	Development of two 15 MW biomass plants.	<a href="http://www.acucomm.net/business-finder/4383">http://www.acucomm.net/business-finder/4383</a>
Russia	Construction of a 90 MW biomass boiler plant.	<a href="http://www.acucomm.net/business-finder/4337">http://www.acucomm.net/business-finder/4337</a>
Russia	Installation of a metal recovery plant.	<a href="http://www.acucomm.net/business-finder/4407">http://www.acucomm.net/business-finder/4407</a>
Saudi Arabia	Development of a hazardous waste landfill, recycling and incineration plant.	<a href="http://www.acucomm.net/business-finder/4380">http://www.acucomm.net/business-finder/4380</a>
Serbia	First recycling yard goes into operation.	<a href="http://www.acucomm.net/business-finder/4402">http://www.acucomm.net/business-finder/4402</a>
South Africa	Development of a hazardous waste landfill.	<a href="http://www.acucomm.net/business-finder/4368">http://www.acucomm.net/business-finder/4368</a>
Sweden	Development of a biomass boiler plant for a pellet factory.	<a href="http://www.acucomm.net/business-finder/4358">http://www.acucomm.net/business-finder/4358</a>
Sweden	Supply of a biogas upgrading to CNG system.	<a href="http://www.acucomm.net/business-finder/4388">http://www.acucomm.net/business-finder/4388</a>
Sweden	Installation of heat recovery system at data centre.	<a href="http://www.acucomm.net/business-finder/4393">http://www.acucomm.net/business-finder/4393</a>
Tajikistan	Development of solid waste services and landfill.	<a href="http://www.acucomm.net/business-finder/4400">http://www.acucomm.net/business-finder/4400</a>
Thailand	Construction of a 10 MW biomass plant.	<a href="http://www.acucomm.net/business-finder/4374">http://www.acucomm.net/business-finder/4374</a>
UK	Construction of 0.5 MW AD plant.	<a href="http://www.acucomm.net/business-finder/4320">http://www.acucomm.net/business-finder/4320</a>
UK	Construction of a 500 kW AD plant.	<a href="http://www.acucomm.net/business-finder/4329">http://www.acucomm.net/business-finder/4329</a>
UK	Development of 140,000 tpy materials recycling facilities.	<a href="http://www.acucomm.net/business-finder/4335">http://www.acucomm.net/business-finder/4335</a>
UK	Expansion of recycling facility.	<a href="http://www.acucomm.net/business-finder/4347">http://www.acucomm.net/business-finder/4347</a>
UK	Construction of a wood pellet handling facility.	<a href="http://www.acucomm.net/business-finder/4359">http://www.acucomm.net/business-finder/4359</a>
UK	Expansion of a recycling plant.	<a href="http://www.acucomm.net/business-finder/4391">http://www.acucomm.net/business-finder/4391</a>
UK	Expansion of a food recycling facility.	<a href="http://www.acucomm.net/business-finder/4398">http://www.acucomm.net/business-finder/4398</a>
UK	Expansion of a waste treatment facility.	<a href="http://www.acucomm.net/business-finder/4399">http://www.acucomm.net/business-finder/4399</a>
UK	Upgrading of a waste management facility.	<a href="http://www.acucomm.net/business-finder/4408">http://www.acucomm.net/business-finder/4408</a>
United Arab Emirates	Construction of a 60 MW waste-to-energy plant.	<a href="http://www.acucomm.net/business-finder/4327">http://www.acucomm.net/business-finder/4327</a>
United Arab Emirates	Construction of a textiles sorting plant.	<a href="http://www.acucomm.net/business-finder/4384">http://www.acucomm.net/business-finder/4384</a>
Unspecified	Development of a pilot plant to convert nappies to bioplastics.	<a href="http://www.acucomm.net/business-finder/4410">http://www.acucomm.net/business-finder/4410</a>
USA	Development of a magnet recycling and manufacturing facility.	<a href="http://www.acucomm.net/business-finder/4317">http://www.acucomm.net/business-finder/4317</a>

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Country	Summary	Link
USA	Development of biogas processing facility at WWTP.	<a href="http://www.acucomm.net/business-finder/4318">http://www.acucomm.net/business-finder/4318</a>
USA	Opening of a food and yard waste composting facility.	<a href="http://www.acucomm.net/business-finder/4351">http://www.acucomm.net/business-finder/4351</a>
USA	Expansion of a corn-based ethanol plant.	<a href="http://www.acucomm.net/business-finder/4360">http://www.acucomm.net/business-finder/4360</a>
USA	Upgrading of a landfill gas-to-energy station to supply 3 MW.	<a href="http://www.acucomm.net/business-finder/4369">http://www.acucomm.net/business-finder/4369</a>
USA	Development of a lignin plant.	<a href="http://www.acucomm.net/business-finder/4379">http://www.acucomm.net/business-finder/4379</a>
USA	Development of a PET recycling plant.	<a href="http://www.acucomm.net/business-finder/4381">http://www.acucomm.net/business-finder/4381</a>
USA	Construction of wood processing plant.	<a href="http://www.acucomm.net/business-finder/4389">http://www.acucomm.net/business-finder/4389</a>
USA	Development of a waste transfer station and material recovery facility.	<a href="http://www.acucomm.net/business-finder/4395">http://www.acucomm.net/business-finder/4395</a>
USA	Development of a composting facility.	<a href="http://www.acucomm.net/business-finder/4409">http://www.acucomm.net/business-finder/4409</a>
Vietnam	Construction of a biomass plant.	<a href="http://www.acucomm.net/business-finder/4333">http://www.acucomm.net/business-finder/4333</a>
Vietnam	Construction of a biomass pellet plant.	<a href="http://www.acucomm.net/business-finder/4334">http://www.acucomm.net/business-finder/4334</a>