

# Waste Business Monitor

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



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ALL DATA CURRENT AT

**DECEMBER 2014**

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*In this month's report...*

**The latest waste plant developments in December 2014**

- 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 Finder (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 is taken from AcuComm's Waste Business Finder 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.

The last section lists all the new projects for the reported month. The table gives summary data, but to gain the full information on an individual entry, just click the MORE INFO link on the right hand side of the page. This will take you to our web-based database.

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 Waste Business Finder database – free of charge – then please do get in touch

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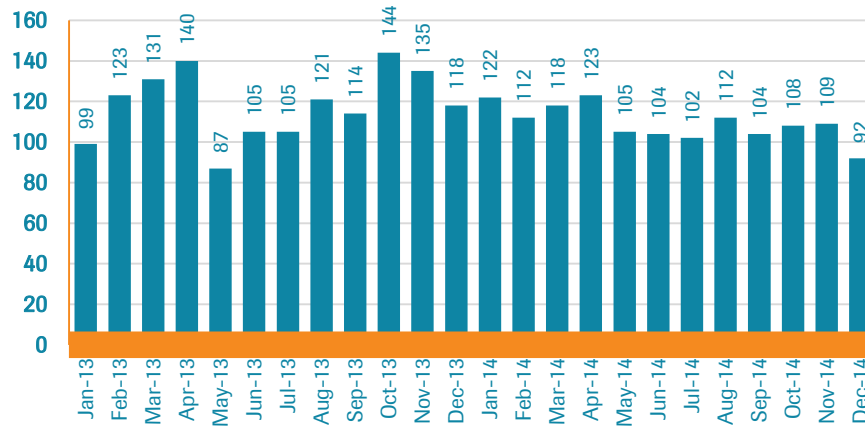
# Projects This Month: December 2014

## Overview

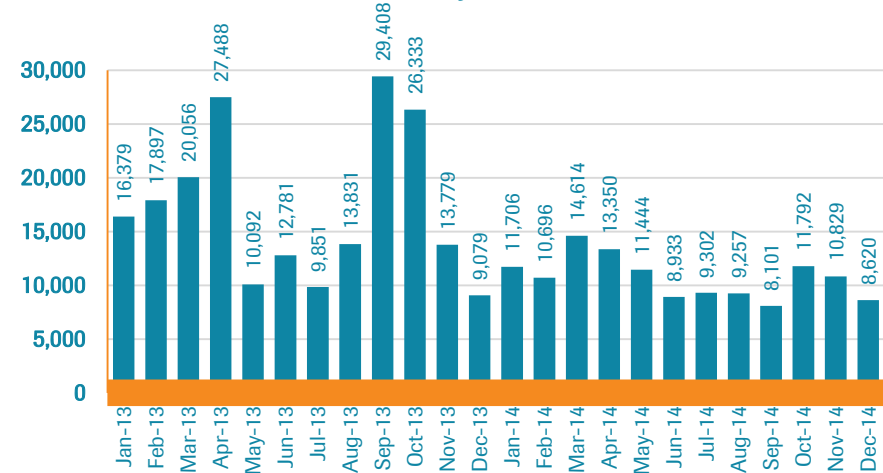
AcuComm reported on 92 new waste projects in December 2014. This takes the annual number (since January 2014) to 1,311.

**Each new waste project represents on-going investment of an average of nearly US\$100 million.**

Number of Projects by Month



Estimated Total Value of Projects (US\$m)



The total estimated value of these projects is US\$8,620 million. This takes the total estimated value of projects reported since January 2014 to US\$128,644 million. The average estimated value of a waste project over this period is US\$98 million.



Incineration with energy recovery projects form the largest number in December 2014, accounting for 24, or 26.1% of the total. This was followed by recycling projects (17, or 18.5%), and biofuel projects (13, or 14.1%).



Incineration with energy recovery is also the leading facility type by estimated value, at US\$2,260 million, or 26.2% of the total. This was followed by biofuel with US\$970 million, or 11.3% of the total, and recycling with US\$747 million or 8.7%.

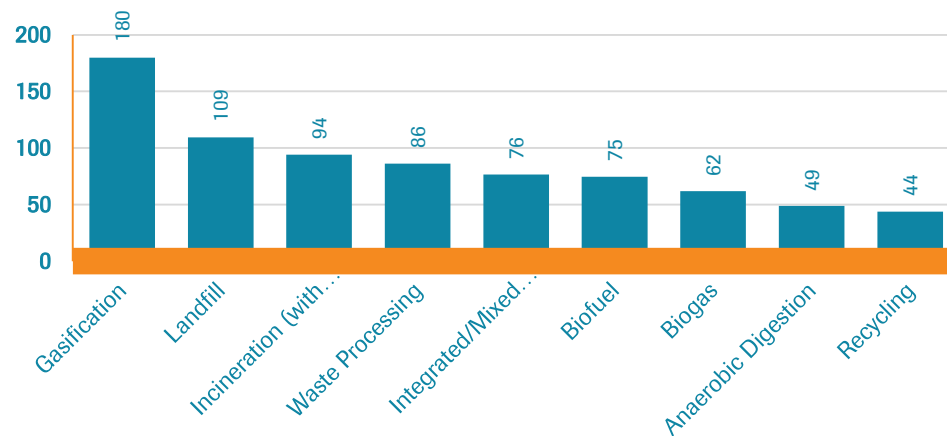
### Latest Monthly Projects by Facility Type (December 2014)

Facility Type	Projects	With Value	Reported Value	Total Estimated Value	Average value
Anaerobic Digestion	4	0	0	195	49
Biofuel	13	9	384	970	75
Biogas	3	1	4	186	62
Gasification	3	2	348	540	180
Incineration (energy recovery)	24	15	1,164	2,260	94
Incineration (no energy recovery)	0	0	0	0	-
Integrated Facilities (IWMF)	7	5	222	535	76
Landfill	5	3	73	547	109
MBT	0	0	0	0	-
Recycling	17	8	139	747	44
Waste Processing	8	2	28	690	86
Others	8	2	260	1,951	244
<b>Total</b>	<b>92</b>	<b>47</b>	<b>2,622</b>	<b>8,620</b>	<b>94</b>

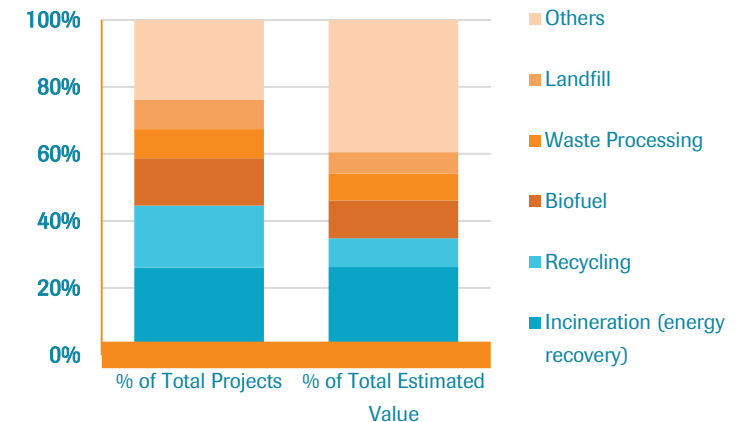
### Latest Monthly Projects by Facility Type % of Total (December 2014)

Facility Type	% of Total Projects	% of Total Estimated Value
Anaerobic Digestion	4.3	2.3
Biofuel	14.1	11.3
Biogas	3.3	2.2
Gasification	3.3	6.3
Incineration (energy recovery)	26.1	26.2
Incineration (no energy recovery)	0.0	0.0
Integrated Facilities (IWMF)	7.6	6.2
Landfill	5.4	6.3
MBT	0.0	0.0
Recycling	18.5	8.7
Waste Processing	8.7	8.0
Others	8.7	22.6
<b>Total</b>	<b>100.0</b>	<b>100.0</b>

### Average Value of Projects, Dec 2014



### Projects By Facility Type, Dec 2014



In terms of waste feedstock type, municipal solid waste (MSW) was the leading category in December 2014. MSW accounted for 24 projects (26.1% of the total) with an estimated value of US\$2,062 million (23.9% of the total).



Other leading feedstocks were wood (US\$1,930 million, or 22.4% of the total) and waste biomass (US\$1,570 million, or 18.2% of the total).



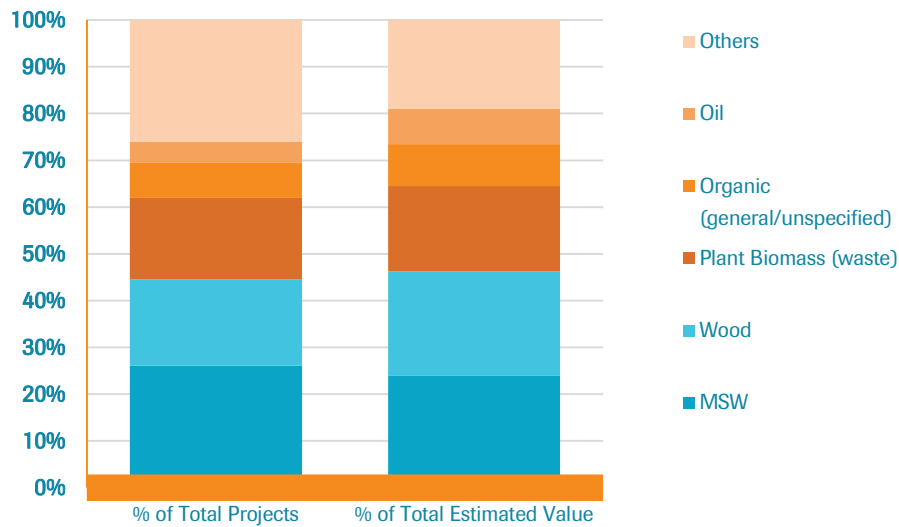
### Latest Monthly Projects by Feedstock Type (December 2014)

	Projects	With Value	Reported Value	Total Estimated Value	Average value
Animal	3	1	4	90	30
Clinical	0	0	0	0	-
Construction/Demolition	2	2	5	5	2
e-Waste	1	0	0	36	36
Food	1	0	0	24	24
Gas	3	1	45	519	173
Glass	1	1	2	2	2
Hazardous	0	0	0	0	-
Heat	1	1	10	10	10
Industrial	2	1	3	195	97
Metals	1	1	3	3	3
MSW	24	15	973	2,062	86
Oil	4	1	26	647	162
Organic (general/unspecified)	7	4	366	772	110
Paper	0	0	0	0	-
Plant Biomass (non-waste)	1	0	0	282	282
Plant Biomass (waste)	16	10	547	1,570	98
Plastics	3	2	114	150	50
Radioactive	0	0	0	0	-
Rubber	2	0	0	163	81
Sewage/wastewater	2	0	0	83	41
Wood	17	7	524	1,930	114
Other	1	0	0	79	79
<b>Total</b>	<b>92</b>	<b>47</b>	<b>2,622</b>	<b>8,620</b>	<b>94</b>

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

	% of Total Projects	% of Total Estimated Value
Animal	3.3	1.0
Clinical	0.0	0.0
Construction/Demolition	2.2	0.1
e-Waste	1.1	0.4
Food	1.1	0.3
Gas	3.3	6.0
Glass	1.1	0.0
Hazardous	0.0	0.0
Heat	1.1	0.1
Industrial	2.2	2.3
Metals	1.1	0.0
MSW	26.1	23.9
Oil	4.3	7.5
Organic (general/unspecified)	7.6	9.0
Paper	0.0	0.0
Plant Biomass (non-waste)	1.1	3.3
Plant Biomass (waste)	17.4	18.2
Plastics	3.3	1.7
Radioactive	0.0	0.0
Rubber	2.2	1.9
Sewage/wastewater	2.2	1.0
Wood	18.5	22.4
Other	1.1	0.9
<b>Total</b>	<b>100.0</b>	<b>100.0</b>

## Projects By Feedstock Type, December 2014



**Wood-based feedstocks account for around one fifth of all new investment in waste technologies, reflecting a move away from traditional power generation in many countries.**



# Latest Monthly Capacity

Of the 92 projects listed in December 2014, 17 also reported an annual waste capacity. This amounted to 2.5 million tonnes, equal to an average of 145,315 tonnes per project, and an average of 454 tonnes per day per project.

WtE incineration was the largest facility type in terms of capacity, amounting to 0.6 million tonnes, or 25.4% of the total. This was followed by gasification with 0.4 million tonnes (17.1%) and waste processing with just under 0.4 million tonnes (14.9%).



**WtE incineration projects represented just over one quarter of reported new waste project capacity in December 2014.**

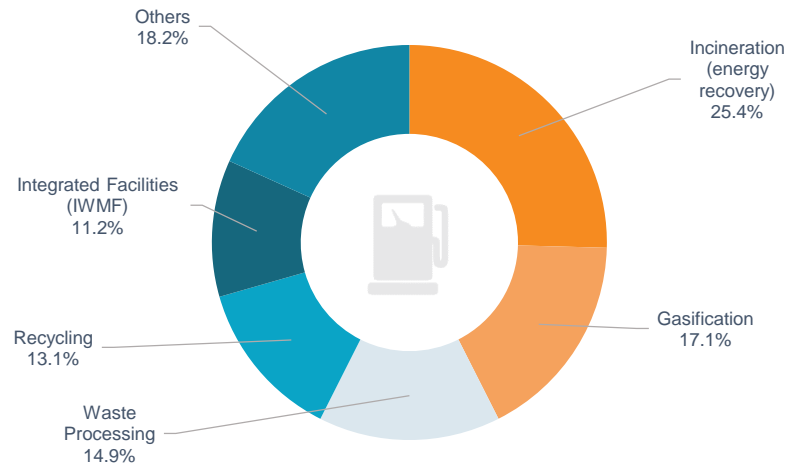
## Reported Waste Capacity of Projects Listed by Facility Type (December 2014)

	Projects	With Reported Capacity	Reported Annual Capacity (tonnes)	Average Annual Capacity (tonnes)	Average Tonnes Per Day
Anaerobic Digestion	4	1	59,421	59,421	186
Biofuel	13	3	172,000	57,333	179
Biogas	3	0	0	-	-
Gasification	3	2	423,000	211,500	661
Incineration (energy recovery)	24	5	628,075	125,615	393
Incineration (no energy recovery)	0	0	0	-	-
Integrated Facilities (IWMF)	7	2	276,650	138,325	432
Landfill	5	0	0	-	-
MBT	0	0	0	-	-
Recycling	17	2	324,290	162,145	507
Waste Processing	8	1	367,920	367,920	1,150
Others	8	1	219,000	219,000	684
<b>Total</b>	<b>92</b>	<b>17</b>	<b>2,470,356</b>	<b>145,315</b>	<b>454</b>

## Reported Capacity by Facility Type, % of Total (December 2014)

	% of Total Reported Capacity
Anaerobic Digestion	2.4
Biofuel	7.0
Biogas	0.0
Gasification	17.1
Incineration (energy recovery)	25.4
Incineration (no energy recovery)	0.0
Integrated Facilities (IWMF)	11.2
Landfill	0.0
MBT	0.0
Recycling	13.1
Waste Processing	14.9
Others	8.9
<b>Total</b>	<b>100.0</b>

### % Capacity by Facility Type, December 2014



**Integrated facilities – where waste can be sorted and sent for appropriate treatment on a single site – are an increasingly attractive option in many countries.**



Municipal solid waste accounted for 1.3 million tonnes of capacity in December 2014, equal to 52.2% of the total, and an average of 576 tonnes per project per day. The other major feedstock categories were waste biomass and other construction/demolition, accounting for 0.5 million and 0.3 million respectively.



### Latest Monthly Projects by Feedstock Type (December 2014)

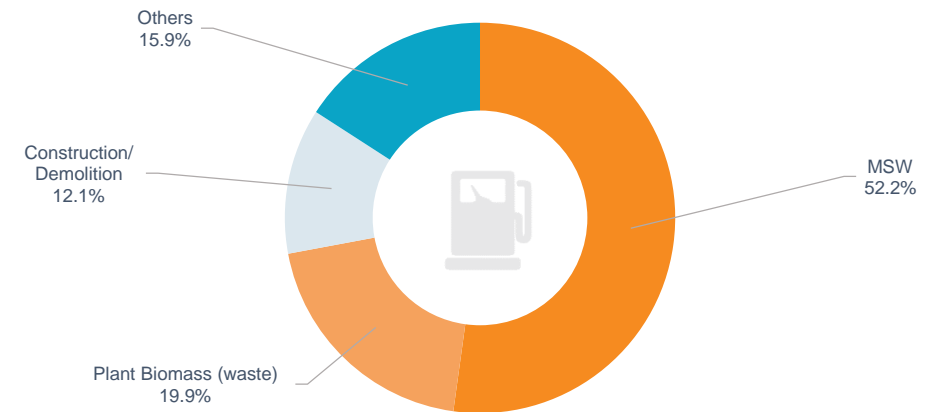
	Projects	With Reported Capacity	Annual Capacity (tonnes)	Average Annual Capacity (tonnes)	Average Tonnes Per Day
Animal	3	0	0	-	-
Clinical	0	0	0	-	-
Construction/Demolition	2	1	298,010	298,010	931
e-Waste	1	0	0	-	-
Food	1	1	59,421	59,421	186
Gas	3	0	0	-	-
Glass	1	0	0	-	-
Hazardous	0	0	0	-	-
Heat	1	0	0	-	-
Industrial	2	0	0	-	-
Metals	1	0	0	-	-
MSW	24	7	1,289,145	184,164	576
Oil	4	0	0	-	-
Organic (general/unspecified)	7	1	75,000	75,000	234
Paper	0	0	0	-	-
Plant Biomass (non-waste)	1	0	0	-	-
Plant Biomass (waste)	16	3	491,000	163,667	511
Plastics	3	0	0	-	-
Radioactive	0	0	0	-	-
Rubber	2	1	182,500	182,500	570
Sewage/wastewater	2	0	0	-	-
Wood	17	2	49,000	24,500	77
Other	1	1	26,280	26,280	82
<b>Total</b>	<b>92</b>	<b>17</b>	<b>2,470,356</b>	<b>145,315</b>	<b>454</b>



### Reported Capacity by Feedstock, % of Total (December 2014)

	Capacity as % of Total
Animal	-
Clinical	-
Construction/Demolition	12.1
e-Waste	-
Food	2.4
Gas	-
Glass	-
Hazardous	-
Heat	-
Industrial	-
Metals	-
MSW	52.2
Oil	-
Organic (general/unspecified)	3.0
Paper	-
Plant Biomass (non-waste)	-
Plant Biomass (waste)	19.9
Plastics	-
Radioactive	-
Rubber	7.4
Sewage/wastewater	-
Wood	2.0
Other	1.1
<b>Total</b>	<b>100.0</b>

### % Capacity by Feedstock, December 2014



**While MSW and biomass comprise the majority of waste capacity, niche sectors such as construction/demolition or industrial can offer good investment potential.**



# Latest Power Generation

In December 2014, an estimate of annual power generation was available for 22 projects. This amounted to 591 MW in total. Around 60% of this was from incineration with energy recovery, with 27% coming from biofuels.

Incineration amounted to 15 projects with total reported generation of 359 MW, equal to 24 MW per plant. There was one major biofuel project, a 160 MW bagasse-fed project in Brazil, due to open in 2018.



**Biofuel is a popular method to boost power generation capacity, making use of waste agricultural by-products.**

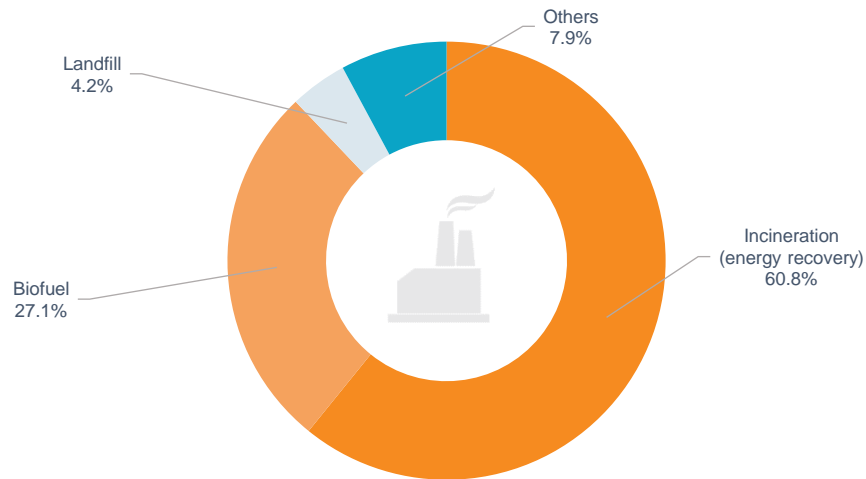
## Reported Power Generation of Projects Listed by Facility Type (December 2014)

	Projects	With Reported MW Generation	Reported Annual MW Generation	Average MW Generation
Anaerobic Digestion	4	1	1	1
Biofuel	13	1	160	160
Biogas	3	1	7	7
Gasification	3	1	36	36
Incineration (energy recovery)	24	15	359	24
Incineration (no energy recovery)	0	0	0	-
Integrated Facilities (IWMF)	7	1	2	2
Landfill	5	2	25	13
MBT	0	0	0	-
Recycling	17	0	0	-
Waste Processing	8	0	0	-
Others	8	0	0	-
<b>Total</b>	<b>92</b>	<b>22</b>	<b>591</b>	<b>27</b>

## Latest Reported Power Generation by Facility Type, % of Total (December 2014)

	% of Total Projects
Anaerobic Digestion	0.2
Biofuel	27.1
Biogas	1.2
Gasification	6.1
Incineration (energy recovery)	60.8
Incineration (no energy recovery)	-
Integrated Facilities (IWMF)	0.3
Landfill	4.2
MBT	-
Recycling	-
Waste Processing	-
Others	-
<b>Total</b>	<b>100.0</b>

### % MW Generation by Facility Type, Dec 2014



In December 2014, organic materials accounted for the majority of reported power generation by feedstock. Waste biomass accounted for 305 MW, equal to 51.5% of the total or 61 MW per project. Wood accounted for a further 140 MW or 23.6%.

Municipal solid waste accounted for 108 MW, equal to 18.3% of the total and an average of 18 MW per project.



### Latest Reported Power Generation of Projects Listed by Feedstock Type (December 2014)

	Projects	With Reported MW Generation	Reported Annual MW Generation	Average MW Generation
Animal	3	2	8	4
Clinical	0	0	0	-
Construction/Demolition	2	0	0	-
e-Waste	1	0	0	-
Food	1	0	0	-
Gas	3	2	25	13
Glass	1	0	0	-
Hazardous	0	0	0	-
Heat	1	0	0	-
Industrial	2	0	0	-
Metals	1	0	0	-
MSW	24	6	108	18
Oil	4	0	0	-
Organic (general/unspecified)	7	0	0	-
Paper	0	0	0	-
Plant Biomass (non-waste)	1	0	0	-
Plant Biomass (waste)	16	5	305	61
Plastics	3	0	0	-
Radioactive	0	0	0	-
Rubber	2	1	5	5
Sewage/wastewater	2	0	0	-
Wood	17	6	140	23
Other	1	0	0	-
<b>Total</b>	<b>92</b>	<b>22</b>	<b>591</b>	<b>27</b>

### Latest Reported Power Generation by Feedstock Type, % of Total (December 2014)

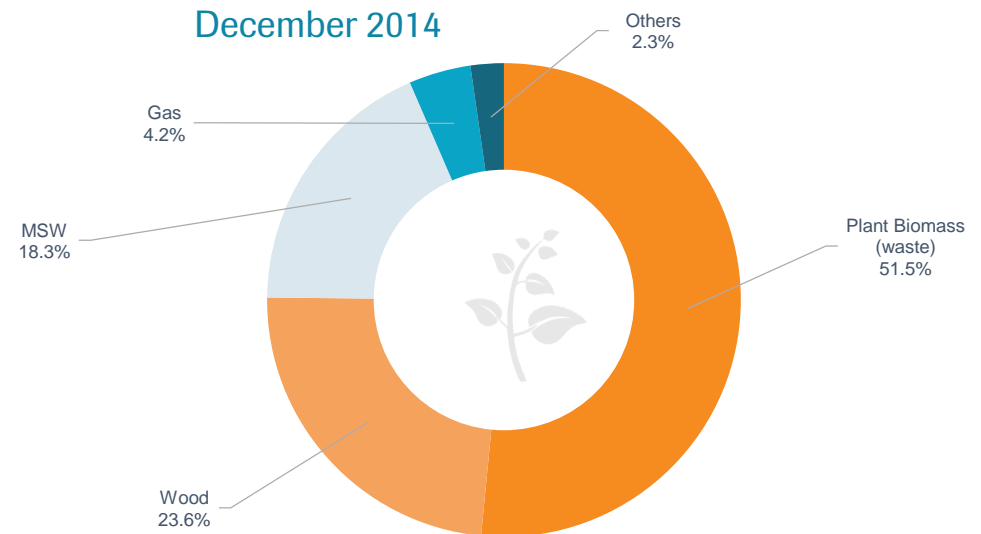
	MW Generation as % of Total
Animal	1.4
Clinical	-
Construction/Demolition	-
e-Waste	-
Food	-
Gas	4.2
Glass	-
Hazardous	-
Heat	-
Industrial	-
Metals	-
MSW	18.3
Oil	-
Organic (general/unspecified)	-
Paper	-
Plant Biomass (non-waste)	-
Plant Biomass (waste)	51.5
Plastics	-
Radioactive	-
Rubber	0.8
Sewage/wastewater	-
Wood	23.6
Other	-
<b>Total</b>	<b>100.0</b>

**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,

December 2014



# Latest Country Focus

The USA was the leading country in terms of projects reported in December 2014, with 18, equal to 19.6% of the total. This was followed by Japan and the UK, with nine each, or 9.8%.

In terms of reported value, Japan was the leader, with US\$713 million or 27.2% of the total. This was followed by Italy with US\$360 million or 13.7%, and the UK with US\$285 million, equal to 10.9%.



**Substantial investment is taking place in developing countries, as well as the more established and familiar markets.**

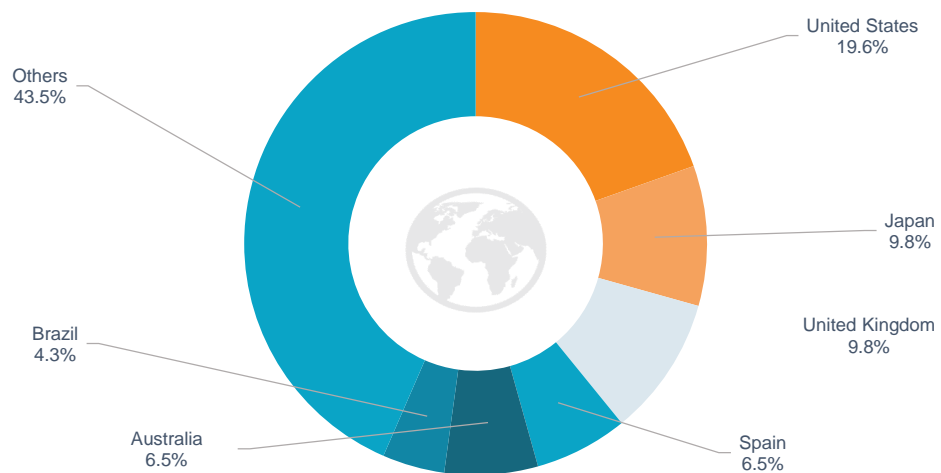
## Top Ten Countries (number of projects listed), December 2014

	Projects	% of Total
United States	18	19.6
Japan	9	9.8
United Kingdom	9	9.8
Spain	6	6.5
Australia	6	6.5
Brazil	4	4.3
Germany	4	4.3
Finland	3	3.3
Italy	3	3.3
Sweden	2	2.2
<b>Subtotal</b>	<b>64</b>	<b>69.6</b>
Others	28	30.4
<b>Total</b>	<b>92</b>	<b>100.0</b>

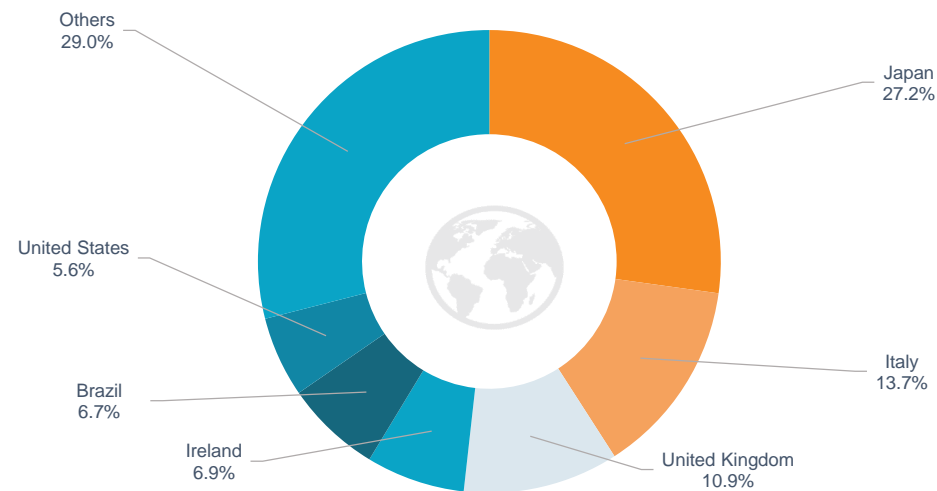
## Top Ten Countries (value of projects listed), December 2014

	US\$ millions	% of Total
Japan	713	27.2
Italy	360	13.7
United Kingdom	285	10.9
Ireland	181	6.9
Brazil	176	6.7
United States	148	5.6
Spain	143	5.4
Australia	108	4.1
United Arab Emirates	100	3.8
Chile	85	3.2
<b>Subtotal</b>	<b>2,298</b>	<b>87.6</b>
Others	324	12.4
<b>Total</b>	<b>2,622</b>	<b>100.0</b>

Leading Countries, Number of Projects, December 2014



Leading Countries, Value of Projects, December 2014



# Completion Date Focus

Of the 92 projects reported on in December 2014, 42 give an indication of their likely completion date. There were 16 projects due to complete by the end of 2014, with a combined reported value of US\$129 million. A further nine projects are due to complete during 2015, with a combined reported value of US\$126 million.

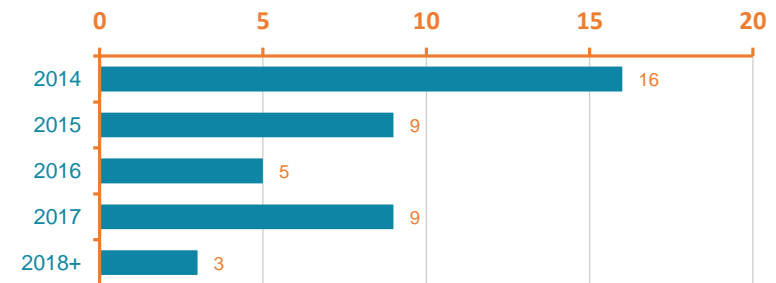


Once work starts, the average project takes around 18 months to complete. Most, however have on-going operational requirements for much longer.

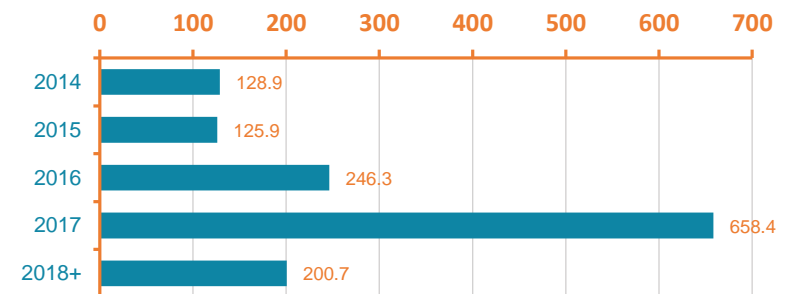
## Projects by Reported Completion Date (December 2014)

	Number of Projects	Value (US\$ millions)
Q1 2014	0	-
Q2 2014	2	30.0
Q3 2014	0	-
Q4 2014	14	98.8
Q1 2015	1	1.6
Q2 2015	2	100.0
Q3 2015	5	24.3
Q4 2015	1	-
Q1 2016	2	60.0
Q2 2016	0	-
Q3 2016	2	155.1
Q4 2016	1	31.2
Q1 2017	5	269.3
Q2 2017	0	-
Q3 2017	0	-
Q4 2017	4	389.1
2018+	3	200.7

## Projects By Reported Year of Completion



## Values By Reported Year of Completion



# Latest Monthly Project Listings, December 2014

Country	Summary	Link
Australia	Development of a resource recovery park and expansion of landfill.	<a href="http://www.acucomm.net/business-finder/2764">http://www.acucomm.net/business-finder/2764</a>
Australia	Upgrade of a waste-to-biofuel facility.	<a href="http://www.acucomm.net/business-finder/2773">http://www.acucomm.net/business-finder/2773</a>
Australia	Construction of a waste oil recycling plant.	<a href="http://www.acucomm.net/business-finder/2778">http://www.acucomm.net/business-finder/2778</a>
Australia	Construction of an oil waste transfer facility.	<a href="http://www.acucomm.net/business-finder/2782">http://www.acucomm.net/business-finder/2782</a>
Australia	Construction of an oil waste transfer facility.	<a href="http://www.acucomm.net/business-finder/2783">http://www.acucomm.net/business-finder/2783</a>
Australia	Waste oil treatment and recycling plant.	<a href="http://www.acucomm.net/business-finder/2784">http://www.acucomm.net/business-finder/2784</a>
Bangladesh	Construction of a 10 MW biomass plant.	<a href="http://www.acucomm.net/business-finder/2725">http://www.acucomm.net/business-finder/2725</a>
Belarus	Construction of a biogas plant and auxiliary facilities.	<a href="http://www.acucomm.net/business-finder/2752">http://www.acucomm.net/business-finder/2752</a>
Brazil	Construction of a US\$60 million wood pellet mill.	<a href="http://www.acucomm.net/business-finder/2733">http://www.acucomm.net/business-finder/2733</a>
Brazil	Development of a biomass project.	<a href="http://www.acucomm.net/business-finder/2746">http://www.acucomm.net/business-finder/2746</a>
Brazil	Construction of a 2G ethanol plant.	<a href="http://www.acucomm.net/business-finder/2799">http://www.acucomm.net/business-finder/2799</a>
Brazil	Increasing the capacity of an ethanol/cogeneration plant.	<a href="http://www.acucomm.net/business-finder/2803">http://www.acucomm.net/business-finder/2803</a>
Canada	Development of a biomass-to-diesel plant.	<a href="http://www.acucomm.net/business-finder/2741">http://www.acucomm.net/business-finder/2741</a>
Canada	Development of a new engineered landfill.	<a href="http://www.acucomm.net/business-finder/2761">http://www.acucomm.net/business-finder/2761</a>
Chile	Construction of a 30 MW biomass plant.	<a href="http://www.acucomm.net/business-finder/2813">http://www.acucomm.net/business-finder/2813</a>
China	Demonstration plant to produce sugars from corn stover.	<a href="http://www.acucomm.net/business-finder/2785">http://www.acucomm.net/business-finder/2785</a>
Costa Rica	Inauguration of a pellet-fuelled biomass plant.	<a href="http://www.acucomm.net/business-finder/2767">http://www.acucomm.net/business-finder/2767</a>
Côte d'Ivoire	Construction of a 46 MW biomass project.	<a href="http://www.acucomm.net/business-finder/2769">http://www.acucomm.net/business-finder/2769</a>
Czech Republic	Expansion of municipal processing facility.	<a href="http://www.acucomm.net/business-finder/2759">http://www.acucomm.net/business-finder/2759</a>
Denmark	Conversion of CHP plant to biomass feedstock.	<a href="http://www.acucomm.net/business-finder/2739">http://www.acucomm.net/business-finder/2739</a>
Denmark	Expansion of waste processing site.	<a href="http://www.acucomm.net/business-finder/2763">http://www.acucomm.net/business-finder/2763</a>
Finland	Flue-gas cleaning and condensation plant.	<a href="http://www.acucomm.net/business-finder/2749">http://www.acucomm.net/business-finder/2749</a>
Finland	Construction of a bioethanol plant.	<a href="http://www.acucomm.net/business-finder/2791">http://www.acucomm.net/business-finder/2791</a>
Finland	Development of a biofuel plant.	<a href="http://www.acucomm.net/business-finder/2792">http://www.acucomm.net/business-finder/2792</a>
Georgia	Construction of a new landfill.	<a href="http://www.acucomm.net/business-finder/2796">http://www.acucomm.net/business-finder/2796</a>
Germany	Construction of a biomethane plant.	<a href="http://www.acucomm.net/business-finder/2770">http://www.acucomm.net/business-finder/2770</a>
Germany	Expansion of biomethane supply.	<a href="http://www.acucomm.net/business-finder/2771">http://www.acucomm.net/business-finder/2771</a>



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Country	Summary	Link
Germany	Groundbreaking takes place for a biomass pellet plant.	<a href="http://www.acucomm.net/business-finder/2779">http://www.acucomm.net/business-finder/2779</a>
Germany	Upgrading of a waste incineration plant.	<a href="http://www.acucomm.net/business-finder/2807">http://www.acucomm.net/business-finder/2807</a>
Ghana	Construction of a 600 tpd composting plant.	<a href="http://www.acucomm.net/business-finder/2812">http://www.acucomm.net/business-finder/2812</a>
Guatemala	Inauguration of a 62 MW biomass generation plant.	<a href="http://www.acucomm.net/business-finder/2732">http://www.acucomm.net/business-finder/2732</a>
Hong Kong	Construction of a landfill gas conversion facility.	<a href="http://www.acucomm.net/business-finder/2795">http://www.acucomm.net/business-finder/2795</a>
Hungary	Plan to build a HUF 950 million biogas plant.	<a href="http://www.acucomm.net/business-finder/2789">http://www.acucomm.net/business-finder/2789</a>
India	Opening of a 3 MW biomass CHP plant.	<a href="http://www.acucomm.net/business-finder/2729">http://www.acucomm.net/business-finder/2729</a>
India	Construction of a waste treatment facility.	<a href="http://www.acucomm.net/business-finder/2765">http://www.acucomm.net/business-finder/2765</a>
Ireland	Proposed construction of a waste gasification facility.	<a href="http://www.acucomm.net/business-finder/2794">http://www.acucomm.net/business-finder/2794</a>
Italy	Redevelopment of a plant into a bioproducts complex.	<a href="http://www.acucomm.net/business-finder/2730">http://www.acucomm.net/business-finder/2730</a>
Italy	Expansion of a waste-fired district heating system.	<a href="http://www.acucomm.net/business-finder/2738">http://www.acucomm.net/business-finder/2738</a>
Italy	Development of ten reactors to produce biochar.	<a href="http://www.acucomm.net/business-finder/2748">http://www.acucomm.net/business-finder/2748</a>
Japan	Construction of a 12 MW biomass plant.	<a href="http://www.acucomm.net/business-finder/2735">http://www.acucomm.net/business-finder/2735</a>
Japan	Proposed development of an 86 MW biomass plant.	<a href="http://www.acucomm.net/business-finder/2745">http://www.acucomm.net/business-finder/2745</a>
Japan	Refurbishment of a waste treatment facility.	<a href="http://www.acucomm.net/business-finder/2755">http://www.acucomm.net/business-finder/2755</a>
Japan	Refurbishment of waste treatment facility.	<a href="http://www.acucomm.net/business-finder/2756">http://www.acucomm.net/business-finder/2756</a>
Japan	Refurbishment of a waste treatment facility.	<a href="http://www.acucomm.net/business-finder/2760">http://www.acucomm.net/business-finder/2760</a>
Japan	Construction of a 93 tpd WtE facility.	<a href="http://www.acucomm.net/business-finder/2781">http://www.acucomm.net/business-finder/2781</a>
Japan	Construction of a 150 tpd WtE facility.	<a href="http://www.acucomm.net/business-finder/2788">http://www.acucomm.net/business-finder/2788</a>
Japan	Construction of a 23 MW biomass plant.	<a href="http://www.acucomm.net/business-finder/2805">http://www.acucomm.net/business-finder/2805</a>
Japan	Construction of a gasification facility.	<a href="http://www.acucomm.net/business-finder/2808">http://www.acucomm.net/business-finder/2808</a>
Latvia	Opening of a biomass boiler house.	<a href="http://www.acucomm.net/business-finder/2810">http://www.acucomm.net/business-finder/2810</a>
Malaysia	Commissioning under way of a biodiesel plant.	<a href="http://www.acucomm.net/business-finder/2776">http://www.acucomm.net/business-finder/2776</a>
Netherlands	Construction of a biomass plant for heating system.	<a href="http://www.acucomm.net/business-finder/2740">http://www.acucomm.net/business-finder/2740</a>
Russian Federation	Development of a landfill and waste sorting and recycling facilities.	<a href="http://www.acucomm.net/business-finder/2734">http://www.acucomm.net/business-finder/2734</a>
South Africa	Development of landfill gas-to-energy projects at five sites.	<a href="http://www.acucomm.net/business-finder/2787">http://www.acucomm.net/business-finder/2787</a>
Spain	Development of an €11.2 million a municipal waste treatment plant.	<a href="http://www.acucomm.net/business-finder/2722">http://www.acucomm.net/business-finder/2722</a>

# Latest Monthly Project Listings, December 2014 (cont.)

Country	Summary	Link
Spain	Project to convert waste from olive oil production into electricity.	<a href="http://www.acucomm.net/business-finder/2742">http://www.acucomm.net/business-finder/2742</a>
Spain	Proposed development of a biomass plant.	<a href="http://www.acucomm.net/business-finder/2751">http://www.acucomm.net/business-finder/2751</a>
Spain	Inauguration of first phase of a waste recovery plant.	<a href="http://www.acucomm.net/business-finder/2774">http://www.acucomm.net/business-finder/2774</a>
Spain	Inauguration of a biomass heating network.	<a href="http://www.acucomm.net/business-finder/2777">http://www.acucomm.net/business-finder/2777</a>
Spain	Opening of a biomass pellet plant.	<a href="http://www.acucomm.net/business-finder/2793">http://www.acucomm.net/business-finder/2793</a>
Sweden	Construction of a tall oil rosin production facility.	<a href="http://www.acucomm.net/business-finder/2737">http://www.acucomm.net/business-finder/2737</a>
Sweden	Construction of a district heating plant.	<a href="http://www.acucomm.net/business-finder/2757">http://www.acucomm.net/business-finder/2757</a>
Switzerland	Installation of an incinerator slag recycling system.	<a href="http://www.acucomm.net/business-finder/2802">http://www.acucomm.net/business-finder/2802</a>
Ukraine	National MSW management project.	<a href="http://www.acucomm.net/business-finder/2726">http://www.acucomm.net/business-finder/2726</a>
United Arab Emirates	Construction of a US\$100 million PET recycling plant.	<a href="http://www.acucomm.net/business-finder/2766">http://www.acucomm.net/business-finder/2766</a>
United Kingdom	Expansion of plastics recycling facility.	<a href="http://www.acucomm.net/business-finder/2724">http://www.acucomm.net/business-finder/2724</a>
United Kingdom	Development of a 40 MW WtE facility.	<a href="http://www.acucomm.net/business-finder/2731">http://www.acucomm.net/business-finder/2731</a>
United Kingdom	Construction of a household waste recycling centre.	<a href="http://www.acucomm.net/business-finder/2754">http://www.acucomm.net/business-finder/2754</a>
United Kingdom	Development of a biomass energy plant.	<a href="http://www.acucomm.net/business-finder/2772">http://www.acucomm.net/business-finder/2772</a>
United Kingdom	Development of an aggregates recycling facility.	<a href="http://www.acucomm.net/business-finder/2797">http://www.acucomm.net/business-finder/2797</a>
United Kingdom	Development of a 5 MW WtE facility.	<a href="http://www.acucomm.net/business-finder/2798">http://www.acucomm.net/business-finder/2798</a>
United Kingdom	Development of a recycling facility for commercial waste.	<a href="http://www.acucomm.net/business-finder/2801">http://www.acucomm.net/business-finder/2801</a>
United Kingdom	Pilot project to recycle minerals from mine water.	<a href="http://www.acucomm.net/business-finder/2804">http://www.acucomm.net/business-finder/2804</a>
United Kingdom	Development of a wood recycling plant.	<a href="http://www.acucomm.net/business-finder/2809">http://www.acucomm.net/business-finder/2809</a>
United States	Development of a composting operation and processing facility.	<a href="http://www.acucomm.net/business-finder/2723">http://www.acucomm.net/business-finder/2723</a>
United States	Provision of new equipment for waste processing.	<a href="http://www.acucomm.net/business-finder/2727">http://www.acucomm.net/business-finder/2727</a>
United States	Construction of a 65,500 tpa anaerobic digester.	<a href="http://www.acucomm.net/business-finder/2728">http://www.acucomm.net/business-finder/2728</a>
United States	Development of a recyclables and solid waste processing plant.	<a href="http://www.acucomm.net/business-finder/2736">http://www.acucomm.net/business-finder/2736</a>
United States	Development of a waste processing and alternative energy facility.	<a href="http://www.acucomm.net/business-finder/2743">http://www.acucomm.net/business-finder/2743</a>
United States	Facility to separate and recycle materials.	<a href="http://www.acucomm.net/business-finder/2747">http://www.acucomm.net/business-finder/2747</a>
United States	Upgrading of a scrap yard.	<a href="http://www.acucomm.net/business-finder/2750">http://www.acucomm.net/business-finder/2750</a>
United States	Official opening of a C&D recycling facility.	<a href="http://www.acucomm.net/business-finder/2753">http://www.acucomm.net/business-finder/2753</a>

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Country	Summary	Link
United States	Development of a tyre pyrolysis plant.	<a href="http://www.acucomm.net/business-finder/2758">http://www.acucomm.net/business-finder/2758</a>
United States	Operations begin at 6 MW landfill gas-to-energy project.	<a href="http://www.acucomm.net/business-finder/2762">http://www.acucomm.net/business-finder/2762</a>
United States	Development of a waste disposal and recycling facility.	<a href="http://www.acucomm.net/business-finder/2768">http://www.acucomm.net/business-finder/2768</a>
United States	Development of a modern wood heating programme.	<a href="http://www.acucomm.net/business-finder/2775">http://www.acucomm.net/business-finder/2775</a>
United States	Construction of a commercial biochemicals plant.	<a href="http://www.acucomm.net/business-finder/2780">http://www.acucomm.net/business-finder/2780</a>
United States	Development of a farm-based anaerobic digestion plant.	<a href="http://www.acucomm.net/business-finder/2786">http://www.acucomm.net/business-finder/2786</a>
United States	Construction of a bioproduct manufacturing facility.	<a href="http://www.acucomm.net/business-finder/2790">http://www.acucomm.net/business-finder/2790</a>
United States	Installation of new equipment at an e-waste recycling facility.	<a href="http://www.acucomm.net/business-finder/2800">http://www.acucomm.net/business-finder/2800</a>
United States	Construction of a US\$110 million wood pellet plant.	<a href="http://www.acucomm.net/business-finder/2806">http://www.acucomm.net/business-finder/2806</a>
United States	Land acquired for new recycling centre.	<a href="http://www.acucomm.net/business-finder/2811">http://www.acucomm.net/business-finder/2811</a>
Zimbabwe	Proposal to build a power plant using coal waste.	<a href="http://www.acucomm.net/business-finder/2744">http://www.acucomm.net/business-finder/2744</a>