

# WasteView | Newsletter

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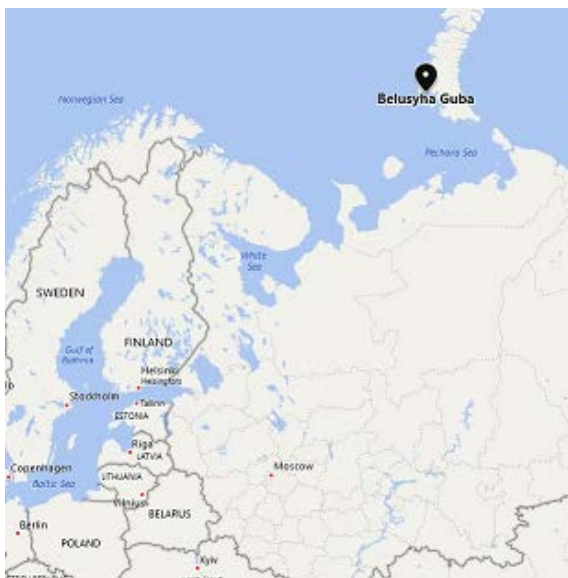
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# Polar bears march for waste management



In his latest editorial, AcuComm's Chief Data Analyst, Andy Crofts, is looking into the development of waste facilities in Belushya Guba following an invasion of... polar bears?

I'd guess that shooting polar bears isn't high on most people's lists of environmentally aware activities. Yet this is what may be happening soon in the far north of Russia. Why, and what does this have to do with waste management?



**Belushya Guba** is located on Yuzhny Island, in the far northern Novaya Zemlya region of the Russian Arctic. It is the largest settlement in the region, despite having a population of only around 2,000. Its historic role was as a support to the Soviet military, although in recent years there have been attempts to diversify its economy.

Being so remote and surrounded by wilderness, the town has never developed any waste management facilities. Rubbish is simply taken to an open-air dump site just outside of town.

In late 2018, this gave rise to an unexpected problem for the town's inhabitants as dozens of polar bears appeared in its streets and, yes, at the waste dump. They were seemingly attracted by the smell and the prospect of food. They **look cute**, but in such large numbers can be aggressive and present a danger to the town's residents.

Such an influx is unprecedented, according to the locals. The town authorities have declared an emergency over the issue, and, while they are looking at all other options, **have not ruled out the ultimate need for a cull**, as the bears appear unfazed by other means of dispersing them. Polar bears are an endangered species and shooting them would be as illegal in Russia as anywhere else.

One obvious measure is the closure of the waste dump and its replacement with something less attractive to bears. In February 2019, the authorities announced that a waste incinerator is to be built at Belushya Guba. This had been planned for 2024, but the current bear invasion seems to have concentrated minds, and the **incinerator is now due to open next year**, in 2020.

# Polar bears march for waste management

The plant, when built, is unlikely to be particularly large and as yet we have no information regarding contracting/supplying companies involved (see [here](#) for the AcuComm project listing). The story caught my eye for a number of reasons. Firstly, Belushya Guba is one of the most remote places on earth, yet even here there is awareness of the need for the proper, modern disposal of waste. Secondly, here's an unexpected driver for investment in waste facilities. There are few of the normal pressures of population growth, economic development, space, environmental rules or power/heat generation. Just bears. Without them, the inhabitants could presumably have continued happily flinging their waste into the tundra indefinitely. But to deal with the bears in an environmentally responsible way, something needs to be done, and that means waste investment. Thirdly, building a modern waste plant, even a small one, in such a remote and inhospitable area will surely present some unique logistic and technological challenges.

Finally, yes, it has polar bears in it. That's a first for the AcuComm database, even though we cover waste sector investments in [165 countries around the world](#). Here's hoping the story has a happy ending, for both bears and townsfolk.

## What's currently trending in the industry?

Click on the below trends to access a real-time project search in the AcuComm database.

1 Pyrolysis facilities

2 Tyre recycling in Europe

3 Waste projects in North Africa

# Projects Update: 11-15 Feb 2019

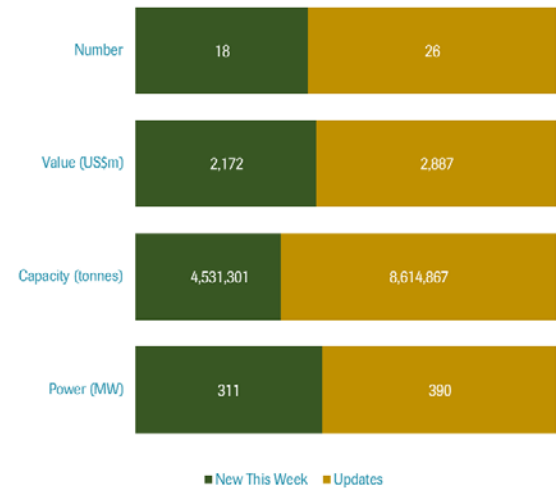
In the week ending 15th February 2019, AcuComm added 18 new projects and updated 26 in our database. These have a combined estimated value of US\$5,059 million.

## Top 10 Companies (project value)

1. C-Capture Ltd
2. Britcon
3. Siemens Power Generation Services
4. Spencer Group
5. Chempolis
6. China Everbright International
7. Synagro Technologies
8. Honeywell UOP
9. Maple Reinders Constructors
10. Bird Construction

[Click on the above companies to view their latest projects.](#)

New & Updated Projects, w/e 15th February 2019



[Click here to view the latest new and updated projects.](#)



[View interactive map of last week's projects](#)

# Trial project to produce biogas from grass



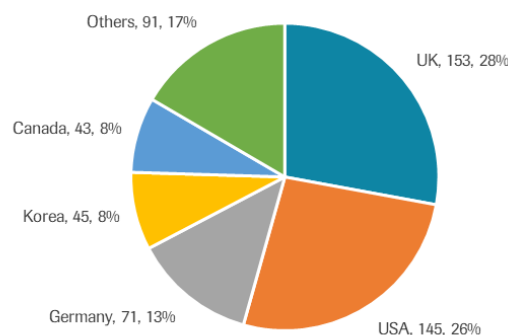
In his latest editorial, AcuComm's Senior Editor and Research Consultant, Ian Taylor, highlights a new trial project to produce biogas from grass waste.

Last month, contractor Jos Scholman, the Hoogheemraadschap De Stichtse Rijnlanden (HDSR) water board, government body Rijkswaterstaat (RWS) and waste management company Attero jointly announced plans to start a trial project for the generation of biogas from roadside and canal-side grass. The trial will last six months and should generate knowledge about the yield and quality of biogas and the quantity and composition of the residual product (digestate) when grass alone is used. The special feature of this trial is that there is no manure involved in the fermentation process, which is usually the case.

A previous study by Jos Scholman in Utrecht revealed that the maintenance of roadsides, public gardens and ditches yielded 60,000 tonnes of grass and 1,000 tonnes of water plants each year, all of which was composted. If successful, the new trial will not only lead to the production of biogas from this resource, while also eliminating the requirement to collect and transport large quantities of manure and slurry, but also prevent the redistribution of litter and the reintroduction of invasive species such as knotweed back into the soil via traditional composting methods.

Acucomm currently lists 35 active AD/biogas projects which principally involve grass and related feedstocks, but do not rely on animal manure. These have a combined total value of US\$548 million, or US\$16 million each on average. Total average power generation is 75 MW, or around 2 MW per project. The bulk of current investments are in the UK or USA, with Germany, Korea and Canada also being significant.

Active Grass-fed AD/Biogas Projects by Country (US\$m)



# Editor's Pick Projects



AcuComm's Senior Editor and Research Consultant, Ros Smallman, gives us a rundown of some of the top projects covered by AcuComm in the past week.

## Iraq - MBT Facility & Landfill

Development of an MBT plant and landfill.

Location: Sulaymaniyah

Facility Type: MBT

Waste Type: Commercial/Industrial, Municipal Solid Waste

Capacity (tonnes/year): 380,000

Status: Project Commencement

Companies: Eggersmann Recycling Technology, Faruk Holding

[View Project](#)

## Spain - Waste Treatment Facilities

Development of a waste treatment plant.

Location: Ibiza

Facility Type: Integrated/mixed facilities

Waste Type: Biomass, Municipal Solid Waste, Plastics, Wastewater

Capacity (tonnes/year): 165,000

Status: Project Commencement

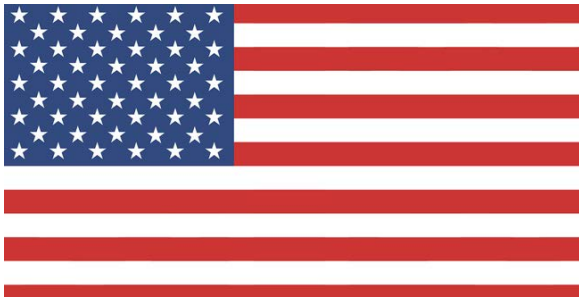
Companies: UTE GIREF

[View Project](#)

Industry-leading companies using AcuComm to drive their business growth



# Global Waste Investment Fact File: USA



## USA Key Stats

Population: 328 million  
 GDP: US\$20,513 billion  
 Annual Waste Generation: 258.5 million tonnes  
 Number of Projects: 1,068  
 Total Value of Projects: US\$71,820 million

AcuComm currently lists 1,068 waste projects in the USA. These have a total value of US\$71,820 million, or US\$67 million each.

Biofuel is the leading project type, accounting for US\$27,698 million or 39% of the total. This is followed by recycling, accounting for US\$11,316 million or 16% of the total.

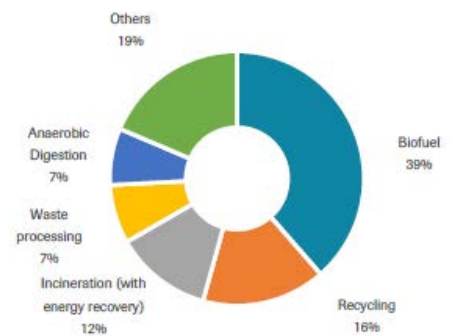
The total estimated capacity of these projects is 209.5 million tonnes. This is equal to 196,166 tonnes per project on average, and 81% of the USA's estimated annual waste generation.

Waste investments totalling US\$44,289 million are expected to become operational over the next few years. This is currently expected to peak in 2021 at US\$15,837 million.

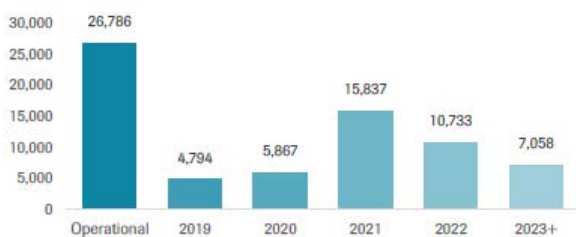
Around 38% of projects by value, and 44% by tonnage capacity, are in projects which are already operational.



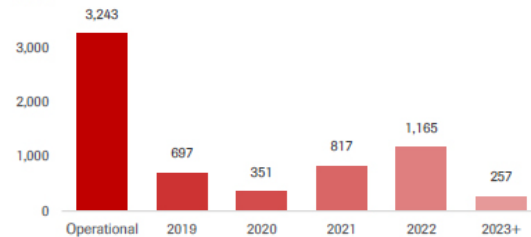
USA, Leading Tech Types (US\$m)



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



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



[View the Latest Projects in the USA](#)

# About AcuComm

We passionately believe in good quality Business Intelligence. It plays a central part in developing great companies. In our years of providing leading multi-national companies, government bodies and trade organisations with strategic market information, we have never seen this to be more relevant than it is today.

Today, AcuComm is the market leader in providing Business Intelligence for global companies that sell into the Waste, Bioenergy and Recycling markets. Our unique and 'real-time' Business Intelligence fulfils the strategic needs at management level, as well as being directly implementable by the sales function.

The data in AcuComm's products and reports is taken from our proprietary database. This is a database of projects compiled and maintained by us on a daily basis. The information in it is not readily available from any other source.

## What are you looking for?

### Performance



Populate your sales pipeline. Increase sales.

### Growth



Identify new areas of potential growth.

### Competition



Simply keep an eye on the competition.

## Our products

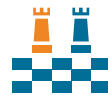
### WasteView Markets



### WasteView Pay As You Go



### WasteView Companies



### WasteView Projects



## How we do it



Data is taken from AcuComm's proprietary Business Database.



The analytics use a combination of reported and modelled data.





# AcuComm

Opportunities in Waste • Bioenergy • Recycling

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