

Mexico's first commercial waste to energy facility to supply alternative fuel under agreement



Mexico's first Waste to Energy plant is up and running in Hermosillo, Sonora, with a little help from UNTHA Shredding Technology...

Overview

Company: Promotora Ambiental SAB de CV (PASA)

Shredder: UNTHA XR3000C

Input Material: C&I waste

Output / Goal: RDF

Mexico's first Waste to Energy facility began to take shape two years ago, when total waste management specialist Promotora Ambiental SAB de CV (PASA) set out to enter the WtE market.

With more than 6,500 employees, a fleet of over 2,000 vehicles and 43 waste management facilities in Mexico, this environmental company handles 25,000 tonnes of waste every day. But acknowledging the growing pressures being placed on the country's resource infrastructure, PASA sought to produce a renewable fuel from its residual commercial and industrial (C&I) waste.

Following a global search for the best-fit shredding technology, PASA purchased the XR cutter waste shredder from international brand UNTHA.

Renowned for its high uptime, maintenance simplicity and low running costs, the XR proved particularly attractive given the lower margins within the Latin American waste market. Output fraction quality, accessibility to local after sales support and UNTHA's global WtE brand presence, also played a part.



Following detailed discussions and trials, the XR was shipped to Mexico by sea-freight, complete with a discharge conveyor and overband magnet for metal extraction. During commissioning, the technology achieved the required output of 12 tonnes of processed feedstock per hour.

The team plans to further refine the RDF manufacturing process, to heighten the plant's capacity to 200 tonnes per day, by June 2017.

Commenting on the project, the head of UNTHA's waste division Peter Streinik said:

“Industry reports predict the Latin American waste management market will evolve over the coming years, but PASA is a forward-thinking company that has kick-started progress, now.”

“The smarter environmental thinking shown by this one organisation will hopefully start to change the mindset in this part of the world. More people need to view the value of waste as a resource, not least because increased industrialisation means the cement industry needs more renewable fuels, fast.”

We are delighted that UNTHA was chosen to support PASA on what is a very significant project, not just for the company, but for the country on the whole. Our XR shredder has now been commissioned in virtually every continent worldwide, largely due to the global reputation of this energy efficient machine, but also because of the local presence we've worked hard to establish.”

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