

### Spotless Performance From Dirty Water Pump

**In Northern Lincolnshire, a Chopper Pump made by Landia has completed five years of continuous service at the main, 2MW biogas plant run by Singleton Birch, who for over two hundred years, have produced high quality lime products.**

Working underground as part of an automated system for dirty run-off water, the Landia pump chops up maize and other particles that end up in the drainage; sending the recirculated liquid to the site's lagoon, or back to the digesters as and when required.

“The Landia Chopper Pump does an excellent job,” said Danny Mason, Renewable Energy Supervisor at Singleton Birch, where the AD plant's three 2800m<sup>3</sup> digesters use a feedstock of maize, chicken litter and sugar beet.

He added: “The pump is very easy to maintain and has really helped us out with drainage on site, chopping up solids that would block up lesser quality pumps. Landia take care of the full servicing, and always ensure that there isn't any downtime.”

Invented by Landia in 1950, the Chopper Pump is designed with an external knife system that continuously reduces solids.

In addition to this Landia unit at Singleton Birch, Landia has numerous Chopper Pumps installed at biogas plants as part of its digester mixing system. These include Scottish Water, Eco Verde Energy, and Republic Services in California.

