

# Landia awarded two honors at UK AD & Biogas Industry Awards

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**The company received its honors for its Gas-Mixer digester.**



**Landia, with U.S. headquarters in Cary, North Carolina, received two Highly Commended Honors at the UK AD & Biogas Industry Awards.**

In recognition of the success of its [GasMix digester mixing equipment](#) at the acclaimed Richgro AD plant near Perth, Australia, Landia was applauded by the independent panel of judges for the considerable part it has played in the first renewable energy site of its kind in

the whole of Australia, the company says. The externally-mounted GasMix system was chosen by Richgro for its gas yields, ease of service and reduction in volatile solids. For pre-treatment, GasMix also reduces viscosity by 30 percent (as tested by the University of Aarhus in Denmark) and needs to run for 7-10 minutes in the hour, so the consumed power is just one-sixth of the installed power.

In addition, Landia's GasMix digester mixing system was also commended for its reliability and supreme performance at Eco Sustainable Solutions' food waste-to-energy AD plant in Dorset, where it has increased gas yields by a massive 12.5 percent, the company says.

A total of four Landia GasMix systems serve two 660,430 gallon digesters, using 18.5 kilowatt chopper pumps to generate a total of 184,920 gallons of gas per hour. Total mixing is achieved via specially angled recirculation nozzles. Despite using 18.5 kilowatt motors, compared to typical 7.5 kilowatt submersible units, GasMix has been shown to use 50 percent less energy than the previous system, the company says.