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Macclesfield-based Tidy Planet has shipped four of its A900 Rocket Composters and a bespoke Dehydra Dewatering system to an oilfield in Kazakhstan, to compost the site's 255 annual tonnes of food waste.

Situated in Western Kazakhstan in the Burlin region, the remote 50km² facility is a major producer of oil and gas and has 4,000 employees working on the premises at any one time.

Its workers' camps and canteens generate a quarter of a kilotonne of food waste every year, from staff plate scrapings, and prior to investing in an on-site composting solution, this material was sent for a combination of incineration and landfill – in the absence of any commercial food waste processing sites that could accept the waste.

The new equipment – procured and operated by Demtec Solutions – will, for the first time, enable the oilfield to convert its wastage into compost, reducing the greenhouse gas emissions associated with incineration and pushing the organic waste stream further up the Waste Hierarchy.

www.tidyplanet.co.uk