

New technology improves household waste treatment

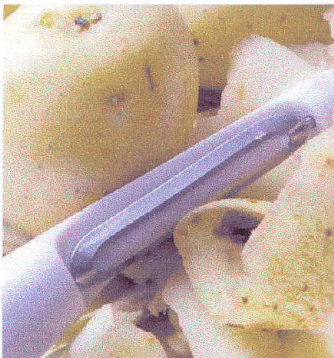
Using a novel combination of steam and pressure to sterilise organic waste, a US technology known as autoclaving is being implemented by Sterecycle in the UK to produce clean and homogenous biomass from household waste.

Autoclaving converts the 60 per cent of the UK household waste which is organic (food, cardboard and paper) to produce biomass, which can be used for paper pulp production, as green energy or as a feed material for anaerobic digestion. Other waste products such as plastics, metals and glass are steam cleaned and can be reused.

"As the UK waste industry moves from a 'haul and dump' business to a processing industry and the EU Landfill Directive forces governments to promote recycling, there is a huge opportunity for innovative young companies like Sterecycle to take market share," says investor

and Chairman Andy Hinton. Hinton recently sold his medical waste business for £36 M.

Sterecycle has its 1st plant under construction in the UK to handle 80,000 tonnes per annum, and is looking for more councils and sites around the country to place its next plant. "With the right sites, Sterecycle can service both local authorities and the trade waste markets," adds Hinton.



Autoclaving produces clean biomass from waste