

Joint venture for biomedical waste project

A joint venture between two companies based in the United Kingdom and an Indian company is all set to undertake work on biomedical waste management and waste-to-energy projects in India. Environmental Asset Management India Ltd. (EMAIL) is the result of an agreement between Environmental Asset Management and Glonet Technology and Trade, with International Trade Links, India. EMAIL would focus on selling specialized technologies developed in the United Kingdom for biomedical waste management and waste-to-energy projects.

For biomedical waste management, Logmed system is being propagated. This technology involves thermal disinfection, i.e. separating wastes and treating them over a long period at temperatures over 100°C. Solid waste obtained after this process is totally disinfected and can be used at municipal landfill sites. It could also be used for heating water and power generation as it has 5 per cent more calorific value than coal. This system has a maximum capacity of 4.8 t/d. Compared with incineration costs of US\$0.43-0.53/kg of waste, the estimated treatment cost of the Logmed process is about US\$0.34/kg. EMAIL will also help in training hospital staff in setting up waste management systems.