

Use of energy from organic waste

Claudio Fernando Mahler, COPPE/ Federal University of Rio de Janeiro, Brazil

Brazil has still to find a suitable way to treat its solid waste. Some specialists still consider burying waste in landfills to be an ideal solution. However, fast development has caused huge expansion in the main Brazilian cities and it is increasingly difficult to find areas that could be considered acceptable as a landfill.

Meanwhile, especially in Germany, after a study started in the 1970s, burying garbage in the form of landfills is no longer an acceptable solution and waste is now a serious separation process, to which society has increasingly contributed, including heat treatment with power generation, or more recently, anaerobic fermentation of organic waste with use of energy.

An interchange addressing research about the use of energy from organic waste would certainly benefit Brazil, and new experiments will always be useful for both parties, such as verifying the development of the processes in Germany and their possible applications in other countries with climate and conditions similar to those in Brazil.

Contact:

C. Mahler

e-mail: cfmahler@acd.ufrj.br

<http://www.coppe.ufrj.br/english/>