



MAVITEC PRESENTS NEW WAY OF SOLVING MANURE ISSUES

Mavitec Environmental presents an innovative gasification system that converts various kinds of manure into green energy and high value EcoChar: a new way of solving manure issues! Gasification is an environmental technology that offers a lot of advantages such as volume reduction up to 85%, renewable energy, reduction of

CO₂ and high valuable EcoChar, an amazing product that can be used as soil improver.

Gasification is a chemical reaction caused by heating material (manure) in an oxygen-starved environment. The result of this process is a hot air stream of about 1000°C. The produced energy can be (re)used for various purposes such as steam,



hot water, hot air and electricity. Besides heat the gasifier produces EcoChar, a very valuable by-product of the gasification process. EcoChar still contains the mineral ash and fixed carbon, which offers great environmental advantages and economic value. EcoChar has a lot of unique properties: it's carbon-rich, dry and free from pathogens, it can