

Green Waste Technology

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The UK produces more than 400 million tonnes of waste every year, generated mainly from households; commerce and industry combined. A high proportion of this waste ends up in landfill, where it emits high volumes of powerful greenhouse gases (GHGs), polluting our environment and the air we breathe, and accelerating the impacts of climate change. Green waste technology explores means of waste disposal in a highly sustainable and socially responsible way, with the potential to reduce greenhouse gas (GHGs) emissions, decelerate the affects of climate change, and lower economic costs.

As part of Article 13's commitment to the United Nations Global Compact (UNGC) we 'encourage the development and diffusion of environmentally friendly technologies' (Principle 9). This includes green waste technology. See our [UNGC events pages](http://www.article13.com/csr/ungc_our_csr_events.asp) (URL: http://www.article13.com/csr/ungc_our_csr_events.asp).

Integrating green waste technologies into an organisation is not only an ecologically sound investment, but there is also a solid business case attached. Moving towards green waste technology:

- Helps reduce organisational operating costs and cleanup cost.
- Reduces transportation costs and high waste taxes.
- Waste can be recycled in an industrial ecosystem, e.g. used again as an energy source.
- Can generate a competitive force and be used as a tool for competitive advantage.

Here at Article 13, we have leading edge experience in Incineration and Energy-from-Waste plant - MSW, clinical and industrial waste as well as flue gas treatment technologies and processes. Our best-in-class associates provide amongst other services: technical appraisal of a new biomass gasification process and technical audits of biomass fired power plants.

New innovations in environmental technology have the potential to pave a sustainable way for the future through making important contributions to our lives, and the environment we live in. Some particularly useful Article 13 resources are:

- [ScotAsh - waste or a whole new business opportunity](http://www.article13.com/A13_ContentList.asp?strAction=GetPublication&PNID=1413)
http://www.article13.com/A13_ContentList.asp?strAction=GetPublication&PNID=1413
- [Sainsbury's plc – the first food retailer to use compostable packaging](http://www.article13.com/A13_ContentList.asp?strAction=GetPublication&PNID=1281)
http://www.article13.com/A13_ContentList.asp?strAction=GetPublication&PNID=1281
- [Biffa – surveying the wasteland](http://www.article13.com/A13_ContentList.asp?strAction=GetPublication&PNID=1280)
http://www.article13.com/A13_ContentList.asp?strAction=GetPublication&PNID=1280

For information on how Article 13 can assist you in auditing your company's waste and energy practices, developing waste action plans, and reducing your business's waste and related impacts on the environment, contact Fiona Banyard on 020 8840 4450 or email fionab@article13.com



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