

Waste gas recovery, China

Pioneering waste management project reducing carbon at scale



THE GLOBAL GOALS
For Sustainable Development

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This project aims to recover and utilise landfill gas generated at a municipal solid waste facility. The collected gas is used for electricity production. Over a 10 year period the project is forecast to replace in excess of 115,000 MWh of electricity that would otherwise be generated via fossil fuel combustion. It is a hugely successful exhibit of low-carbon development:

- reducing over 20,000 tons of methane a year, a climate pollutant 40 times more potent in its climatic impact than carbon dioxide
- creating stable, skilled employment in a developing region of China; and
- showcasing landfill gas recovery technology in the world's second largest national economy



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