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# UK COMPETITIVE ADVANTAGE

## Environmental Sector

- Legislative & regulatory structure
- Market friendly incentive schemes
- Track record of environmental improvement
- Educational excellence
- Innovative technologies across the value added chain
- Pragmatic partnership approach
- Global leadership in financial and professional services

# UK WATER INDUSTRY

## Overview

- Large sector
  - 500 companies
  - £9 bn turnover
  - 80,000 employees
- Massive investment on environmental and quality improvements
  - over £50bn since 1990

# UK WASTE MANAGEMENT INDUSTRY

## Overview

- Large sector
  - 3000 companies
  - £8 bn turnover
  - 70,000 employees
- Historically based on highly engineered landfills
  - methane produced by landfills is a potent greenhouse gas but also a valuable energy source
- Developing range of new technologies to minimise adverse effects of landfill and increase resource recovery
- Backed by financial strength of the City of London
  - including Clean Development Mechanism

# UK WASTE MANAGEMENT

## Regulatory Developments

- Major regulatory developments aimed at environmental improvement
  - Landfill Directive (landfill diversion targets; pre treatment requirements)
  - Waste Electric and Electronic Equipment Directive
  - Recycling and Recovery targets
  - Landfill Tax
  - Landfill Allowance Trading Scheme
  - etc
- In order to meet above, up to £30 bn will be invested in new waste management facilities in UK by 2020
- Unique partnership approach between private and public sector to fund and deliver above
  - PFI and PPP projects

# UK WASTE MANAGEMENT

## Renewable Energy

- As a result of government incentives  
(Non Fossil Fuel Obligation/Renewable Obligation)
  - power generation from landfill gas has increased over 500% to 4290 GWH over past ten years
  - majority of landfill gas is now captured and beneficially used
  - represents around 25% of total UK renewable energy
- Energy from waste represents additional 6% of UK renewable energy
- Waste in total is largest form of renewable energy in UK (31% compared to 29% hydro and 17% wind)

# UK WASTE MANAGEMENT

## Financial Performance

- Regulatory developments have created major financial opportunities
  - environment is good for business
- As an example, Viridor Waste is one of major waste contractors serving UK market
  - 90m cubic metres landfill capacity and 70MW renewable energy
  - £350m turnover and £45m profits
  - profit has grown by over 20% each year since 2000 and is projected to continue to grow
  - market value has grown from £200m to over £1 bn