

# Lancashire Waste Partnership PFI Project Lancashire, United Kingdom



## Client

Lancashire Waste Partnership

## Value

£220 million

## Sites/Areas

CWTF Thornton: 13.5 hectares

CWTF Leyland including Education  
Centre: 12.8 hectares

## Duration (Construction Time)

CWTF – Thornton: 105 weeks

CWTF – Leyland: 91 weeks

## Schedule

Construction: May 2007 – June 2011

Concession period: 25 years

## Lend Lease involvement

Joint Venture PFI Project between Bovis  
Lend Lease and GRD Minproc

Lend Lease has formed a Limited Liability Partnership (Waste 2 Resource), with GRD Minproc Ltd, an Australian Process & Technology Engineer provider.

## Highlights

The partnership will design, construct, commission and operate two Central Waste Treatment Facilities (CWTFs) Lancashire Waste Partnership, part of Lancashire City Council, under a 25 year PFI contract, managed by Catalyst Lend Lease.

Lend Lease also has a 50% equity stake in the Special Purpose Vehicle (SPV) with Global Renewables, a wholly owned subsidiary of GRD Ltd.

## Scope

The fundamental objective of the project is to provide facilities and services that manage contract waste in an environmentally and economically sustainable manner. In general terms the waste process will:

- Avoid a landfill legacy for future generations
- Meet the European Landfill Directive without any form of incineration or combustion of waste
- Use clean process technology with minimum environmental impact
- Maximize levels of recycling, composting and recovery
- Produce renewable energy from biogas
- Produce organic growth media from the treated waste



The Central Waste Treatment Facilities incorporates the urban Resource-Reduce,

Recover and Recycle (UR-3R®) Process, a mechanical biological treatment that delivers a sustainable resource recovery solution for Waste Management. The total network is designed to process a maximum of 575,000 tonnes per annum of contract waste.

As well as providing the above process facilities, the W2R Joint Venture shall design and construct a 2000m<sup>2</sup> Education Centre on the Leyland Facility along with extensive landscape mitigation, to enhance the view of the facilities from the surrounding environment.