

Halving Waste to Landfill, Henry Boot

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Company profile

Henry Boot Construction is the construction arm of the Henry Boot Group. The group is made up of four subsidiary companies and operates in the UK property and construction sectors. Based in Sheffield, their annual turnover is £70 million, with current work in schools, prisons and social housing undertaken on both a traditional and a design and build basis.

Summary of achievements

By implementing good practice on its projects, Henry Boot has reduced the waste it sends to landfill by 20% since 2008 and now achieve recycling rates of 96% on some projects.

The initiatives implemented include:

- rigorous selection of their waste management companies;
- supply chain engagement to improve their performance;
- obtaining a waste management licence from the Environment Agency to permit disposal of excavated material at a local site to raise levels for future development;
- utilising recycled road planings (with EA consent) to improve the conditions of temporary roads and compound areas; and
- transfer station 'reality check' audits to look at the recycling credentials and results achieved.



On site signage. As a result of working with WRAP, Henry Boot now display this sign on all construction sites and notice boards. This helps to raise awareness during construction to help achieve targets set for recycling.

Henry Boot commitments

Henry Boot signed up to WRAP's Construction Commitments: [Halving Waste to Landfill](#) to help them achieve best practice, to fulfil client requirements and to secure cost savings in resource efficiency on all their projects. By signing up, Henry Boot has agreed to:

- Set a target for reducing waste to landfill and assign a team member with responsibility for delivery.
- Embed the target within corporate policy and processes.
- Set requirements in project procurement processes and engage with your supply chain.
- Measure performance at a project level relative to a corporate baseline.
- Report annually on overall corporate performance.

Waste reduction targets

Henry Boot set the following targets for 2009 and 2010:

Target	2009	2010
Total waste diverted from landfill	80%	86%

Policy and processes

Henry Boot has incorporated their commitment to materials resource efficiency into their standard corporate and procurement documents and their ISO 14001 certified Environmental Management System processes setting out roles, responsibilities and contractual requirements within Henry Boot and its supply chain. Henry Boot uses the Halving Waste to Landfill logo to help communicate the message of their commitment to minimising and reducing waste particularly in their corporate documents.

Good practice measures

Best practice and innovation in terms of waste management, elimination, reduction and minimisation is analysed on a project-by-project basis in order to set and achieve project waste minimisation targets. Lessons learnt are disseminated to staff and company procedures are updated routinely. Henry Boot has also worked hard to ensure good practice measures are carried out through a variety of means:

- Tool Box Talks on best practice on waste management and site segregation.
- Making the Site Waste Management Plan (SWMP) available for all personnel working on site.
- Use of WRAP's [Net Waste Tool](#) on suitable projects
- Monthly review of data and updating of the project SWMP
- Communication of their 'Halving Waste to Landfill' commitment to their supply chain at tender stage and to all stakeholders via their company website.

Initiatives such as utilising recycled road planings (with EA consent) to improve the conditions of temporary roads and compound areas has helped achieve the materials resource efficiency targets.

Monitoring of waste data and performance against the project targets is based on reports received from their site waste management companies. These are provided to the project managers on site and are discussed in the site review meetings.

Reporting on performance

Henry Boot report waste performance using WRAP's [SWMP Tracker](#) and [Waste to Landfill Reporting Portal](#). They analyse and report performance on a quarterly basis to help identify trends and to ensure progress is maintained in reducing the waste generated and waste sent to landfill. Henry Boot adopted the following procedures:

- Use of the WRAP [SWMP Tracker](#) to monitor and calculate annual performance.
- Robust reporting requirements stipulated on all waste management agreements.
- Post-contract report data analysed to capture best practice.
- Annual improvements targets are set as part of the company management review.
- Waste diverted from landfill performance displayed on site.

Results and benefits

The following table highlights Henry Boot's performance in meeting their objectives in 2009.

Henry Boot has set year on year practical targets to ensure they meet their waste objectives. These targets address the processes required; the skills needed, and the good habits that Henry Boot need to develop to enable them to meet their targets. These targets are met through the development and implementation of action plans including the provision of training and resources and the development of tools and systems and protocols.

Waste management objectives	Actual targets				
	2009	2009	2010	2011	2012
Waste sent to recycling facility	95%t	90%	100%	100%	100%
% of waste recycled	83%	80%	90%	93%	95%
Implement SWMP on all projects over £300k	100% projects over £250k	100% projects over £250k	100%	100%	100%
Provide SWMP training to all project staff	N/a	N/a	100%	100%	100%
Reduce tonnage of waste per £100k construction spend	2%	2%	5%	5%	5%

This case study is one of a series that examines how companies are implementing the key steps of the Halving Waste to Landfill Commitment and formalising their waste reduction and resource efficiency objectives.

For more information, visit www.wrap.org.uk/halvingwastetolandfill

You can access:

- [information on the Commitment](#);
- [the wall of fame](#);
- [tools and guidance](#); and
- [a range of other case studies](#);
- the [Waste to Landfill Reporting Portal](#) (a free online tool for collecting waste data from your projects, monitoring your corporate progress and reviewing your performance)

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