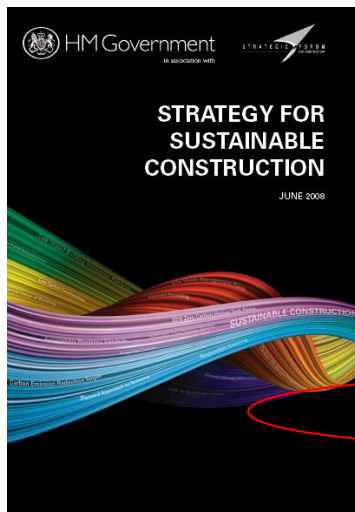


NFDC’s target for demolition waste

Introduction

The joint industry/Government Strategy for Sustainable Construction sets out a framework to ensure the sector plays a central role in delivering sustainability and prosperity across the economy. As part of this Strategy, an overarching target has been set for a 50% reduction of construction, demolition and excavation waste (CD&E) waste to landfill by 2012 compared to the 2008 baseline figure¹. To reach this target, individual sectors and bodies have agreed a number of actions. The National Federation of Demolition Contractors (NFDC) as the voice of the UK Demolition industry has committed to setting a target for reducing demolition waste to landfill; as shown below.

BRE through the Defra funded programme, Construction Resources and Waste Platform (CRWP) have assisted the NFDC in setting this target and an associated action plan.



List of Actions & Deliverables which contribute to the Overarching Target	Body Responsible for each action/deliverable	Timescale
Construction Waste Commitment: individual organisations commit to waste to landfill targets ¹⁸ at company level.	Waste & Resources Action Programme (WRAP), working with client and contractor sector bodies and Government Estate	Formal Launch in September 2008, then ongoing
Develop guidance on waste reduction for small builders.	National Federation of Builders (working with WRAP & Envirowise)	By 2009
Sector resource efficiency plans prepared and implemented by trade associations.	Construction Products Association*	Three begun by end 2008
Setting an overall target of diversion of demolition waste from landfill.	National Federation of Demolition Contractors*	By 2009
Extension of Plasterboard Voluntary Agreement to rest of the supply chain.	Construction Resources and Waste Platform and WRAP	By 2009
20% reduction in construction packaging waste.	Construction Products Association	By 2012

Brief background

The construction, demolition and excavation sectors produces over 90 million tonnes of ‘inert’ waste with half of this recycled as aggregate a year. This includes inert waste processed on site for use. In addition, at least a further 20 million tonnes of non-inert materials are also produced annually. In 2007, it was estimated that the demolition industry processed 32.2 million tonnes of demolition arisings; with 92% of the demolition waste either recycled and used on site or sent for off site sale. To summarise, the demolition industry is responsible for nearly 30% of all CD&E waste arisings and achieves high diversion rates from landfill (over 90%).

The challenge for us, the demolition industry, is to continue to recover materials at a similar rate and to ensure that they are used in the most sustainable manner. By setting a target, the demolition industry will benefit from gaining recognition from government bodies, regulators

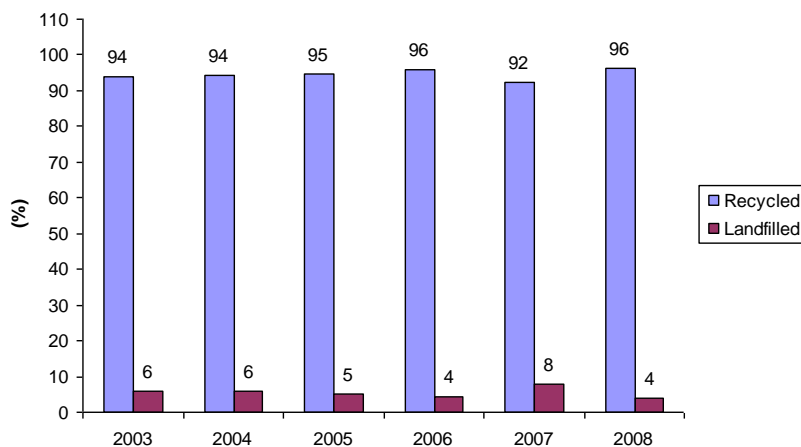
¹ Strategy for Sustainable Construction June 2008, HM Government in Association with Strategic Forum.

and clients by openly demonstrating continuous environmental improvement within the individual businesses and for the industry as a whole.

The target

The target is to divert at least 90% of non-hazardous demolition waste arisings from landfill annually. This will be reviewed in 2011.

This is based on the average landfill diversion rate between 2003 and 2008 at 94% by weight based on NFDC annual member returns² as shown by the Graph below. The NFDC have been collecting this information since 2003 and have the above historical data from around 167 members representing 80% of the overall demolition sector by the value of the work undertaken by the members.



In order to achieve successful outcomes, the following actions will be undertaken:

- The NFDC will continue to work other stakeholders to identify and implement solutions for reducing waste to landfill and maximising recovery of waste from site, where it is technically and economically feasible to do so.
- The NFDC members will make efforts to reduce the overall quantities of demolition waste arising on site from going to landfill.
- An associated action plan which has been adopted by the NFDC has been written to assist with reaching the target; this includes actions on:
 - Training, guidance and awareness
 - Reducing the environmental impact
 - Research into the recoverability of wastes and techniques for demolition
 - Developing NFDC processes and procedures
 - Data collection, measurement and monitoring

Monitoring

The target and the action plan will be monitored annually with the NFDC writing a progress report.

² The NFDC requires all members to submit annual returns on their waste arisings and management