

BROOKFIELD CONSTRUCTION (UK) LTD

WASTE POLICY STATEMENT

Scope

This Policy Statement applies to Brookfield Construction (UK) Ltd for 2010 and must be read in conjunction with the Brookfield Construction Environmental Policy Statement.

Introduction

Brookfield Construction (UK) Ltd is focused on the development, construction, management and ownership of significant landmark projects. In all of its development work, Brookfield aims to minimise any adverse impacts that construction has on the environment. We seek this through the design process, materials selection, construction techniques, and operational methods.

From 2010 all organisations appointed to work on our behalf are required to work in accordance with these principles.

Achievements

We have set waste targets since 2007. Each year the target for recycling has been increased as follows:

2007 to recycle 70% waste concrete, bricks and ceramics over the course of a project and 50% of general waste over the course of a project.

2008 and 2009 to recycle 80% of construction waste (combined Construction, Refurbishment, Demolition and Excavation).

The company has succeeded in meeting these targets.

The WRAP initiative

Committed to continual improvement in 2009 Brookfield Construction (UK) Ltd became a signatory to the “Halve waste to landfill by 2012” initiative for the construction industry of the Waste and Resources Action Programme, (WRAP) a government-backed body set up to facilitate waste minimisation in the UK. There are two strands to this commitment:

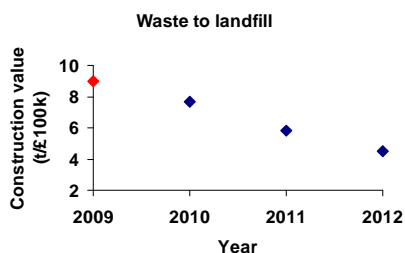
- 1 To generally reduce the amount of waste generated from a construction project by exploring possibilities in design and procurement.
- 2 Following on from this, to increase the percentage of residual waste that is recycled.

WRAP proposes that waste data is measured against each £100k construction value¹. This will then capture both reductions that are obtained from design and procurements in addition to the residual waste figures.

The Baseline Year: 2009

To meet the WRAP Commitment, Brookfield Construction has selected 2009 as its baseline year. The WRAP typical figure for waste sent to landfill was 10 tonnes per £100k and the Brookfield

Construction target waste figure to be sent to landfill was 9 tonnes per £100k.



Our target for 2012

Brookfield Construction will set a 2012 target of 50% of the 2009 target. This is 4.5 tonnes per £100k.

The targets for 2010 and 2011 will be based on a linear progression from 2009 through to 2012.

¹ Construction value is the price in the accepted tender or, if there is no tender, the cost of labour, plant and materials, overheads and profit.

We will work to adopt and implement standards for good practice in reducing waste, recycling and reusing more. This will support national policy goals e.g. halving waste to landfill by 2012, adopted in England by the Government's Strategy for Sustainable Construction and Zero Waste in Scotland, and will be achieved by reducing waste, recovering more materials and using more recovered material in new construction.

Policy

Any contractual and client requirements will be taken into account to form the project-specific requirements, but as a minimum on projects commencing in 2010 our design and construction project teams will be required to:

- forecast waste quantities and waste recovery and set targets for waste reduction from an early design stage (for instance by using WRAP's Designing out Waste Tools and Net Waste Tool² or the Building Research Establishment's SMARTWaste benchmark calculator³).
- before starting on site, the project team shall submit a copy of the Site Waste Management Plan identifying the actions to be taken to reduce waste and increase recovery, as well as the corresponding roles and responsibilities, and quantifying the resulting changes.
- implement Site Waste Management Plans throughout the design and construction period that comply with regulatory requirements and include in such Plans project-specific targets for waste recovery and for waste reduction.
- where there is sufficient space the project teams should plan for and implement waste segregation on site. Otherwise the volume of waste that is recovered will be maximised by using third party contractors.
- measure and report progress against the corporate targets for the quantity of waste produced and the quantity of waste sent to landfill (in tonnes per £100k construction value). The information will be annually reported on the WRAP Waste to Landfill Reporting Portal⁴ and guidance.
- on completion of the Works, the project team shall submit a copy of the completed Site Waste Management Plan, reporting the forecast and actual performance for waste quantities, disposal routes, and reused and recycled content used in construction.

Target for 2010

- recover at least 83% of construction materials demolition, strip-out and excavation materials.



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Managing Director
Brookfield Construction (UK) Ltd
May 2010

This policy statement is valid from May 2010 to 31st December 2010.

² The Designing out Waste Tools for Buildings and for Civil Engineering and the Net Waste Tool are freely accessible at www.wrap.org.uk/nwtool

³ The SMARTWaste Plan is freely accessible at <http://www.smartwaste.co.uk/swmp>

⁴ Accessible at www.wrap.org.uk/reportingportal