



# Construction Recycling Alliance Awards 2011

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## Construction Recycling Alliance Awards 2011

11th October 2011 Recycling

The Construction Recycling Alliance (CRA) is pleased to announce the winners of its 2011 Recycling Awards. The 2011 Awards comprise of six categories: Recycling Company of the Year, Recycling Contract of the Year, Service and Support, Equipment Innovation, Product Innovation and Investment. CRA members and Approved Suppliers were invited to submit entries for each relevant category, with the final decisions being made by a panel of independent judges including academics, journalists and government policy makers.



The strength and quality of the submissions ensured the role of the judging panel was never going to be easy with Les Andrews of Surrey County Council remarking "It was difficult to make recommendations for the CRA's Awards - deciding the Crème-de-la-creme is never easy". Despite this, the judges were able to decide on a winner for each of the six categories.

### Recycling Company of the Year – FM Conway

FM Conway's impressive recycling performance, ongoing investment and commendable environmental ethos helped ensure success in this highly competitive category.

The company's ability to recycle a wide array of materials in-house, including 100% of highway arisings into new aggregates, 100% of asphalt into new 95% recycled content asphalt has ensured some 250,000 tonnes of waste is being diverted from landfill, 220,000 tonnes of recycled products supplied to sites and over 220,000 tonnes of virgin aggregates are saved every year.

FM Conway has also developed a 95% recycled binder and surface course, which exceeds the 40% recycled content of the material used by its competitors, at a similar cost.

The judging panel believe that FM Conway 'has made a significant investment in their processes and developed a wide client base for their recycled products. There is huge potential, especially with more and more Local Highway Authorities recognising the benefits of the company's processes' and the FM Conway's work was deemed "Commendable throughout".

### Recycling Contract of the Year – Downwell Demolition

The dismantling and demolition of the Warner Brothers' Leavesden film studios by Downwell Demolition demonstrated to the judges the company's commitment to recycling when undertaking large-scale, time critical contracts.

Operations included the on-site recycling of concrete and rubble with 20,000m<sup>3</sup> of concrete and rubble separated from demolition waste arisings, crushed and screened in order to produce 6F1 and 6F2 specification secondary aggregate for re-use on site. Recycling material in-situ minimised the number of lorry movements to and from site, diverted waste from landfill and reduced the quantity of virgin aggregate required for subsequent development. Other material including wood, plastic and metal was separated on site before being removed for recycling. Overall recycling rates exceeded 97%.

Judging panel remarks included: "The team effort displayed by Downwell Demolition's management, operatives and labourers culminated in a truly impressive recycling rate".

### Equipment Innovation Award – International Innovative Technologies Ltd

International Innovative Technologies' new milling technology proved to be the strongest contender in this category with the equipment capable of meeting the fine grinding requirements of construction minerals and manufactured materials that were previously regarded as uneconomic. Such applications have proved successful in recycling glass and plastic waste and also in limestone quarrying operations where sub-6mm sized material previously regarded as waste can now be converted into commercially marketable powder products.

Not only did IIT's grinding equipment attract praise from the judges for its 'true versatility' but also for its 'energy efficient credentials' with the equipment using up to ten times less electricity than conventional milling technologies.

### Product Innovation Award – FastFence

The Product Innovation Award proved to be one of the most competitive categories with FastFence's Greenboard® product proving successful. Greenboard® is manufactured from low grade, mixed waste plastic and is a reusable replacement for plywood site hoarding which is typically landfilled after use. Greenboard® can be used multiple times and ultimately recycled into new sheets therefore offering end users a sustainable, closed-loop solution for their site hoarding requirements.

FastFence was complimented by the judges for its 'innovative site hoarding solutions supported by a comprehensive management service which recognises the importance of reducing the carbon footprint at every stage of the construction process'.

### Service and Support Award – CDE Global

The judging panel awarded CDE Global the Service and Support Award based on the company's Custom Care support package afforded to all CDE Global's customers.

CDE Global design and manufacture washing equipment for application in a range of including construction & demolition waste recycling. Its Customer Care offering provides a suite of services designed to help customers maintain optimum production levels and plant efficiency. The package includes essential support services such as parts and spares, servicing, preventative maintenance, warranty and training. The entry was supported with testimonials from CDE Global's end-users who highlighted the company's 'impressive experience and continuity of contact' before, during and after the installation of its recycling machinery.

### Investment Award – O'Keefe Utilities Ltd

O'Keefe Utilities' investment in a bespoke processing plant to allow trench arisings from utility work to be reused was the key factor in the company's success in this category. The new plant has enabled the extensive use of SMART® - O'Keefe Utilities' in-house process that provides recycled material to replace a traditional MOT Type 1 which is designed to achieve the performance of a Structural Material for Reinstatement (SMR), as defined under the SROH. This alternative reinstatement material is known by its trade name: PAVIMENTIUM (PVI).

Since commencing operations, the plant has generated over 50,000 tonnes of PVI which is manufactured in accordance with the British Standard for the production of a Hydraulically Bound Material.

The judges deemed O'Keefe Utilities' investment in the processing plant as 'developing an environmentally sound concept and applying it successfully on a grand scale'.

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