



CIWM

# Sustainability and Resource Awards

3 November 2016

Marriot Grosvenor Square, London



# Welcome to the Awards

Welcome to the 2016 CIWM Sustainability and Resource Awards. Whilst I am unfortunately unable to attend the awards today myself – the 10th time we have hosted this event – I am nonetheless delighted that one of my first duties as CIWM's new CEO is to welcome you today.



This event is a great opportunity to see and hear about the very best developments, innovation and best practice our industry has to offer. I have seen the shortlist and the projects you have been nominated for, and it is incredibly heartening to know that the industry has so many exciting developments, across all its sectors.

These awards are about “making a difference”, “driving sustainability” and “making better use of our resources”. Each and every finalist here today has already demonstrated they have done that, and while we hope that being shortlisted is already a great reward, of course, we know you all want to win! I congratulate you all on your success so far, and wish you the very best of luck today, and for the future.

A black and white handwritten signature of Dr Colin Church.

Dr Colin Church, CIWM CEO

## Today's Host: Alistair McGowan

Alistair McGowan is an impressionist, stand-up comic, actor and writer best known to British audiences for “The Big Impression” for which he won numerous awards, including a prestigious BAFTA. Alistair has also written and directed plays, co-authored a book and appeared on the big screen in the film “Driving Aphrodite”.



He has presented comedy shows, appeared on them and performed live stand-up... and he began his career by providing voices for the iconic “Spitting Image”. A keen environmentalist, Alistair is also an ambassador for WWF-UK.

We are delighted to welcome him back as the host of this year's event – the only person to have been asked to host our awards for a second time!

## Menu

Hot Smoked Salmon  
and Baby Leaf Spinach Tart

Soused Cucumber, Dill Ricotta



Slow Braised English  
Beef Gooseskirt

Caramelised Shallot Mash Potato,  
'Barkham Blue' and Forest Mushroom Pie,  
Stout Jus



'Tiptree' Jam Jar Chocolate  
Cheesecake



Coffee and Petit Fours

## Running Order

- 12:00    Drinks reception  
          Sponsored by Allen & York
- 12:30    Welcome to the Awards  
          Headline sponsor – AMCS  
          Welcome by CIWM Deputy CEO, Chris Murphy
- 12:35    Lunch
- 14:15    Awards presentations  
          Hosted by Alistair McGowan
- 15:30    Event close followed by networking



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## About The Roger Hewitt Learning and Development Award...

This award, formerly the Learning and Development Award, has this year been renamed in recognition of Roger Hewitt's long-standing and tireless leadership in skills and competence for the waste and resource management industry. In particular, he championed the creation and development of WAMITAB – the awarding body at the heart of the industry – and was its chairman until September 2016. This award recognises leadership and excellence in skills development across the sector.

# Roger Perry Award For Best Research Paper

This award is designed to recognise the research being carried out by members of CIWM at Masters and PhD level.

The winner for 2016 is Colin Williams for his paper "An investigation into the contributory factors to contamination in household recycle collected by local authorities in England and the impacts of this contamination".



After 13 years of teaching, Colin undertook a Masters degree in Waste and Resource Management at Cranfield University where he was awarded the CIWM prize for "best student on the MSc in Waste and Resource Management". As part of the course, he obtained CIWM funding to undertake this thesis, which involved an analysis of procedural, socio-economic and geographical factors in relation to local authority recycle contamination across the country. A summary of this was presented at a CIWM conference. Colin is currently seeking his first position within the waste industry.

## Waste Regulation Award

The Waste Regulation Award is presented annually for the best formal written paper presented by an individual member of the Institution, irrespective of their class of membership, during the previous year. Papers eligible for this award are on the topic of regulation of wastes and/or secondary resources and associated topics.

The winner of the Waste Regulation Award for 2016 is John Galvin for his paper "A two-part perspective on tackling and preventing waste crime and entrenched poor performance in the waste industry", published in the *CIWM Journal* earlier this year.

John is an independent waste regulation specialist. His career spans 34 years in waste regulation and notably includes helping set up the Environment Agency's first national permitting system and acting as Defra's policy lead on waste regulation. He was the principal architect of Defra's approach to tackling waste crime and was chairman of the National Fly-tipping Prevention Group crime before leaving Government in January. John was made an MBE in the Queen's Diamond Jubilee honours for services to the environment.



# James Jackson Award

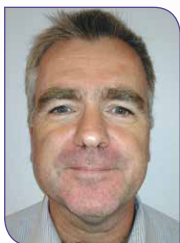
The James Jackson Award is presented to a member of CIWM for the best formal written paper on the topic of waste and/or secondary resources management (or related topics).

This year's winners are Professor Ian Williams and his two co-authors, Andrea Rispo and Peter Shaw, for their paper "Source segregation and food waste prevention activities in high-density households in a deprived urban area".

Ian Williams (left) is Professor of Applied Environmental Science at the University of Southampton where he is the Head of Centre for Environmental Science. He has published two books and more than 150 peer-reviewed papers on waste and environmental issues, as well as more than 100 commercial project reports.

Peter Shaw (centre) is an Associate Professor at the University of Southampton, specialising in interdisciplinary environmental science. He has a diverse background, holding degrees in Physics, Environmental and Ecological Sciences, and Biology. His interests in waste and resource management focus on improving sustainability by engaging individuals and organisations in waste reduction, reuse and recycling. This work aims to inform policy and practice by understanding factors that determine behaviours, combining established methods with novel applications of quantitative analysis.

Andrea Mara Rispo (right) holds an MSc in Integrated Environmental Studies from the University of Southampton and a degree in Ecological Engineering from Argentina. She was awarded the FCO Chevening Scholarship in 2012 to pursue her postgraduate studies in the UK. Her working experience has been developed as an environmental specialist in multilateral financial institutions such as the Development Bank of Latin America and the International Bank for Reconstruction and Development (the World Bank), and as a waste management consultant in her home country.



# PEEL People's Cup

## Red Industries

The company has been shortlisted for its waste treatment/transfer station, located in Stoke-on-Trent. The site incorporates an immobilisation plant, site laboratory, secure destruction shredding unit, flammable bulking station and weighbridge amongst other facilities. Its operating team is divided into three shifts to facilitate 24/5 operation, and one shift that operates the immobilisation plant, flexibly working to meet process requirements. It enforces high safety standards and uses numerous communications techniques across the site.



## Severn Trent Coleshill Food Waste Plant

Severn Trent has invested £13m in this food resource AD plant. Operating at 95% capacity within the first year, it is capable of taking in 48,500 tonnes of food waste with a sustained generation capacity of around 2.4MW per hour. The site is routinely staffed by a team of five, including three operation and maintenance technicians, responsible for the daily operation of the site, a site manager and a feedstock coordinator, who oversees the incoming waste streams and client relationships.



## Suffolk Energy From Waste Facility – SUEZ

This facility was designed and built by SUEZ in partnership with Suffolk County Council and has combined the Council's determination to get the best deal for Suffolk with SUEZ's proven technical expertise. The process has two incineration lines, designed to deal with 15 tonnes per hour per line and runs 24/7. The team, consisting of 47 members of staff, including two apprentices, who ensure the safe and smooth running of the facility, which is certified to ISO 14001, ISO 9001 and also meets the international health and safety standard.



Winner 2016



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# The Roger Hewitt Learning & Development Award sponsored by WAMITAB

## Education Team, Trident Park ERF, Cardiff (Viridor)

Viridor's Trident Park Energy Recovery Facility offers a state-of-the-art Education and Visitor Centre, accessible to local schools, colleges, universities and community groups. It opened in Autumn 2015 and contains interactive exhibits, including a giant model of the plant, digital games and learning material. In 2016 the bilingual (English and Welsh) Centre was awarded a national "Learning Outside the Classroom Quality" Award. It has received more than 3,000 visitors and a further 2,500 people have been engaged through educational outreach activities.



## Milton Keynes College: Offender Learning

Milton Keynes College run offender learning in 28 prisons across the Midlands and South Central regions. It developed a "product" to include waste, recycling and sustainability at its core, having identified circular economy skills as key for many employers, and it was this that brought about changes in its learning offer within prisons; its Employment Academies are the ultimate result. It developed a training programme, has trained 59 tutors and to date 1,056 learners have achieved a qualification, with those going into employment "committed to sustainability".



## Sustainable Resource Management Team – Cambrian Training Company

Cambrian Training Company employs around 55 members of staff and operates throughout Wales. The company has worked with Flintshire, Wrexham, Powys, Denbighshire, Conwy and Isle of Anglesey County Councils. It has also work with many private waste companies within the region including Thorncliffe, Gwynedd Skips, Potters Waste Management, TJ Skips, Antur Waenfawr and Seren Cyf. These range widely from council waste collections to textile and furniture reuse.







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# Opensky Data Systems Award For Demonstrating Project Innovation

## Aquapak Polymers Ltd

According to WRAP, consumer film is one of the two largest untapped sources of recyclable plastic in the UK and there are significant opportunities for improvements exist in this area. Aquapak introduced a new polymer process that has “superior functionality” as a flexible packaging product, combined with a choice of sustainable end-of-life options. The company has developed a library of mono-material polymers that are both durable and versatile, are 100% recyclable, 100% biodegradable and can effectively replace a range of existing multi-material packaging solutions.



## Jaguar Land Rover

Jaguar Land Rover is one of the largest aluminium sheet users in the global automotive market. Aluminium plays a key role in our vehicle emissions reduction strategy, however, using virgin aluminium has a significantly higher environmental impact and increases raw material costs compared to using recycled aluminium. Launched in 2008 as a £2m research project, REcycled ALuminium CAR brought together over 10 partners to find a solution to this challenge. The result was a materials circularity approach, taking press shop aluminium scrap back for closed-loop recycling.



## Ramboll Environ, Coal Authority & Environment Agency

The Coal Authority and Environment Agency are committed to improving downstream water quality of the River Nent by reducing contaminant loading to the river. This is achievable in part by removing impacted river sediments which have accumulated behind check weirs in the upper catchment. Ramboll Environ proposed a sustainable reuse option whereby coarse sediment (>10mm) was identified as suitable for use within gabion baskets for ongoing bank stabilisation works so only the fine sediment (<10mm) required landfilling.



## Recycling Technologies Ltd

Mechanical recycling has inherent limitations in producing polymer grades at a price and quality to compete with virgin polymers. Recycling Technologies' (RT) solution was to develop a process based on chemical recycling. RPW is thermally cracked into a hydrocarbon vapour by a machine developed by RT, the RT7000. The vapour is then condensed into a product called Plaxx™ – a clean hydrocarbon consisting of naphtha, wax and low sulphur oils. The naphtha fraction can be converted into virgin polymers, propelling plastic into the circular economy.



### Did you know?

This is the 10th anniversary of the CIWM Awards event. The first three were at London's Dorchester Hotel, but the need for a bigger venue saw us move to today's venue – the Marriott Grosvenor Square, London – seven years ago.

## CIWM EVENTS: DATES FOR YOUR DIARY

22.3.17 – CIWM Resource Conference Cymru

13.9.17 – CIWM Gala Dinner

27.9.17 – 28.9.17 – Scottish Resources Conference

2.11.17 – CIWM Sustainability and Resource Awards



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# Hills Waste Solutions Best Recycling Project

## GJD Services Ltd

GJD Services Ltd was hired to remove serviceable parts from the ageing Royal Air Force Vickers VC10 fleet, as each aircraft retired over a period of five years. The removed parts were sent back to the RAF for reuse on the remaining active fleet to reduce overhaul and repair costs and sustain the fleet availability at a reduced cost, whilst satisfying environmental responsibilities. As primary services providers for BAE Systems, GJD Services was contracted to recover parts – such as the engines – for reuse and dispose of the remaining aircraft hull.



## Jaguar Land Rover

REALCAR (REcycled ALuminium CAR) is an industry leading materials-circularity approach led by automotive manufacturer Jaguar Land Rover, enabling press shop aluminium scrap to be recycled in a closed-loop process, and returned for use in the body structure of Jaguar and Land Rover vehicles. This project involved 10 partners from across the aluminium supply chain and has incorporated 12 UK-based press shops. The project was launched in 2008 as a £2m research project, receiving £1.38m in funding from Innovate UK.



## Network Rail Route Services, Supply Chain Operations

A £60m project to refurbish and upgrade the Glasgow Queen Street Tunnel saw Scot Rail Network Rail Alliance renew 4,000m of track and 1,800m of slab track. 7,000t of hazardous spoil and 12,000t of concrete were recycled within a four week period. The project achieved 100% diversion from landfill and retained 19kt of material that would otherwise have been disposed of externally. In using its existing supply chain, waste was taken away from site by rail; this meant not only did it complete the recycling early but the whole project was delivered early.



## Surrey Waste Partnership

A year after Surrey Waste Partnership's (SWP) launch of a food waste service, composition analysis showed only just over a third of food waste was captured. With a potential £2.8m annual saving at stake, the partnership decided a new approach to achieve a significant step change was required. County-wide communications used illustrations and motivational messages to highlight how food waste can be turned into energy and fertiliser. The project led to a 10% increase in tonnages of food waste collected.



## Did you know?

By the end of today CIWM will have handed out 117 individually hand-crafted, hand-blown and engraved purple glass "globes", over a total of 30 categories.

## SPONSOR THESE AWARDS IN 2017

Speak to Ginny Hunter to secure your sponsorship of one of these prestigious awards in 2017.

Email [ginny.hunter@ciwm.co.uk](mailto:ginny.hunter@ciwm.co.uk) or call 01604 823336



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# The Best Reuse & Waste Prevention Project sponsored by WRAP

## Costain Skanska JV C412 Bond Street Station (Crossrail)

The C412 Bond Street project consists of the construction and fit-out of two ticket halls and connecting running tunnels, as part of the £14.8bn Crossrail project. Over 53,500m<sup>3</sup> of material has been produced from the excavation phases and over 5,800m<sup>3</sup> of construction waste. In order to reuse materials and prevent waste production, several reuse and prevention initiatives have been developed, such as polystyrene reuse, PPE recycling and providing a new nature reserve island in Essex with inert waste to build up the evolving wetlands.



## Green Move Out Campaign (Durham County Council)

The Green Move Out (GMO) is a waste prevention campaign based in Durham City. The GMO was established to help prevent good quality household items going for disposal by encouraging Durham University students to donate their unwanted items for reuse to a local charity. Durham University has 16 colleges which house around 7,000 students. When students leave their college and rented properties they tend to leave behind reusable unwanted items. 204 bags have been collected from properties in student areas, equating to 1.5 tonnes of household items.



## Melton Foods In Partnership With Veris Strategies

The "Cultivate" campaign has transformed Melton foods' approach to waste. Whilst maintaining zero waste-to-landfill as a baseline, the objective was on waste reduction and reuse opportunities through improved efficiencies and changing standard system and process. Since Cultivate's launch, Melton Foods has seen a 50% reduction in waste on site with over 70% of previously considered waste product going on for further positive reuse to benefit the local community via a network of social enterprises and charities.



## The Sustainability Lab – Bangor University

Every 90 seconds the UK throws away 1 tonne of clothes, with around half going to landfill, despite all textiles and clothing being suitable for recycling and charity donation. Love Your Clothes and Bangor University's Sustainability Lab and Students' Union challenged university students, staff and Bangor's wider community to donate one tonne of unwanted clothes for local charities as part of "Love Your Clothes Bangor". Over two tonnes of items were diverted from landfill (approximately 220 bags of clothing donated overall).



## Warwickshire County Council

Now in its second year, Warwickshire's Grey to Green food waste recycling campaign has achieved an upsurge in food waste being diverted from grey to green bins, plus a staggering 71% increase in food waste capture rates. Nearly 15,000 households have also actively pledged to recycle food waste, and annual CO<sub>2</sub> equivalent savings are estimated to be around 3,000 tonnes. Thanks to the campaign, 21% of household food waste is now being correctly captured at the kerbside.



### Did you know?

Some of the most high profile winners of CIWM's awards include the **British Airports Authority** for its Heathrow Terminal 5 project; **Asda** as the most sustainable retailer; and the **Eden Project** for innovation in waste management and recovery.





# Best Resources Project By Facilities Management sponsored by UKWSL

## Bangor University – #LoveHalls

The Bangor Residential Life team teamed up with the Sustainability Lab and the British Heart Foundation (BHF) to refurbish the University's Bryn Eithin halls of residence. The resulting furniture reuse meant that 16.38 tonnes of items were diverted from the waste stream, leading to £24,965 generated so far for BHF from reuse of the furniture. The project led to the establishment of the "Pack for Good" campaign by BHF with the University, and a number of projects aimed at helping the students reduce their waste.



## Bridport Household Recycling Centre (Broomhills) Dorset Waste Partnership

The Bridport Waste Management Centre comprises of a household recycling centre as well as a waste transfer barn, which receives material collected by kerbside collection vehicles and is then taken to sorting depots and renewable energy plants. The site is sympathetically designed to sit in the landscape and its construction included many energy efficient solutions. By creating a place that visitors are happy to use, the site promotes the recycling of household waste.



## Guy's & St Thomas' NHS Foundation Trust (with Bywaters)

The "Trust" – comprised of Guys' and St Thomas' Hospitals and the Evelina London Children's Hospital – has been an innovator in medical research and education since its inception. Now the Trust seeks to not only be a leader in medicine, but to be a leader in sustainability – improving the quality of patient care and of course, reducing its carbon footprint. Its robust framework ensures that all 13,000+ staff are regularly trained in responsible waste management, which instils a sense of responsibility in each individual.





## ZSL London & Whipsnade Zoo (in partnership with ACM Environmental Plc)

The two sites generate no fewer than 27 different waste streams, including hundreds of tonnes of “zoo poo”, every year. The zoos are open 364 days a year and this, plus the unusual combination of animal, visitor and day-to-day operational waste, makes sustainable and cost-efficient waste management a challenge. ZSL also ensures that the products it purchases are as sustainable as possible and oversaw a campaign to remove single-use plastic water bottles from both sites.



### Did you know?

This year, on the 10th anniversary of the CIWM Awards, our judging panel received more applications than in any previous year.  
Thanks for your continued support.

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**Alistair McGowan  
2011**



**Michaela  
Strachan  
2013**



**Kate Silverton  
2010**



## 10 Years of the CIWM Awards



**Nick Hewer  
2015**





Phillippa Forrester  
2008



Julia Bradbury  
2012



Helen Skelton  
2014



Deborah Meaden  
2009



Sophie Rayworth  
2007



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# HAKO Machines Best Innovation in Vehicle, Plant and Equipment

## airBOSS Wheel & Tyre Systems

airBOSS is an unique, British made and engineered puncture-proof tyre fitted to slow moving, heavy machines such as backhoe loaders, skid steers, dumper trucks and excavators used in environments where punctured, ripped and torn tyres are a problem. The airBOSS segmented tyre is a simple concept. It comprises a steel rim to which are bolted separate segments (18, 20 or 22 segments depending on the size of the wheel) making up a complete tyre. If any part of the tyre is damaged, ripped or torn, you only need to replace the damaged segment.



## BrakeSafe – Vision Techniques

Vision Techniques' BrakeSafe is the first automatic failsafe system that will both warn the driver and automatically apply the vehicle handbrake, preventing the vehicle from ever moving out of control. A stationary vehicle without an applied handbrake and no driver can very quickly become a huge risk that can result in enormous costs, damage and potential fatalities. VT BrakeSafe will automatically apply the handbrake if the cab is vacated without it being engaged. In addition, an audible warning will be heard until the driver re-engages the hand brake and resets the system.



## CMS SupaTrak

CMS SupaTrak's embedded HGV telematics software system, CMS's EcoTrak, reduces fuel consumption and CO<sub>2</sub> emissions, extends the total lifespan of commercial vehicles and reduces wear and tear, cutting the amount of brakes, tyres and clutches used. It is the only product on the market that can be built into vehicles during manufacture and has already been adopted by a leading commercial vehicle manufacturer – Dennis Eagle. The systems reduces the environmental impact of routine refuse collections and optimises engines to run more efficiently.



## Mi-bin

Mi-bin is a concept compartmentalised wheelie bin with an aim of reducing “bin blight”. Its aim is to address over-capacity and is based on the 240-litre industry standard wheelie bin, but can be manufactured in different sizes if required. Mi-bin is designed to be made from the same amount of materials as two wheelie bins, which it would replace, and is designed to have a working life of 10-15 years. This is achieved by having a rigid main body with each component supporting the other to achieve maximum strength and rigidity.



## Vehicle Weighing Solutions & VWS Software Solutions

Vehicle Weighing Solutions and VWS Software Solutions have launched PurGo waste management software into the waste collection and recycling market to provide vehicle operators with a joined-up waste collection solution, encompassing existing back office systems, in cab and handheld devices and the waste collection crew. PurGo aims to provide operators with a round management tool, including scheduling, optimisation, routing, exception reporting and live vehicle location and activity reporting.



### Did you know?

No one has ever “defended their title” – **Caerphilly County Borough Council** (Local Authority Waste Hierarchy) & **Vision Techniques** (Vehicle, Plant & Equipment) have both won the same award, but not in successive years.





# NFDC Most Sustainable Construction & Demolition Project

## McGee

The demolition and site clearance of the Shell UK headquarters on the Southbank at Waterloo is currently one of the largest demolition projects in London. During the pre-construction stage of the project McGee identified a huge amount of items that could be salvaged and donated to good causes. To ensure the site met its waste management objectives, a tailored Waste Management Plan, which was monitored with BRE SMART Waste, was put together along with a waste, energy and water policy. This resulted in a recycling frequency of 99.8%.



## Network Rail, Q Sustain & Mace

As part of the £650m redevelopment of Birmingham's New Street Station, Network Rail, Q Sustain and Mace made excellent quantifiable sustainable achievements. It implemented the rail industry sustainable development principles and values into the project processes and culture to deliver a more sustainable station that caters for today and the future needs of rail passengers and projected growth. Innovation in sustainable procurement with the supply chain meant 99% of the 40,000 tonnes of waste and demolition material were diverted from landfill.



## R Collard Ltd

The demolition of the BMW Warehouse facility in Bracknell provided R Collard with the opportunity to introduce its upgraded metal recycling systems. It researched new technologies for decontaminating and re-processing materials as well as processes for recovering them on-site. Enhanced systems included procedures for better identifying and extracting metal wastes in demolition; and training a team for recovering non-ferrous metals. Just 20.22 tonnes (0.23%) of overall wastes were sent to landfill, which consisted of fibreglass insulation and asbestos.



## Verde SW1 – Multiplex

Multiplex Construction Europe Ltd (MCE) is the principal contractor for the Verde SW1 development, located in Victoria, London for its client Tishman Speyer. The project is the refurbishment of “Eland House” and will provide 29,458m<sup>2</sup> of high quality offices arranged over 10 storeys and 2,000m<sup>2</sup> of landscaped roof terraces. To date Verde SW1 is performing beyond the targets for both recycling site waste and the volume of waste generated. The project has diverted 98.8% of demolition waste and 97.6% of construction waste by volume from landfill.



### Did you know?

While no one has ever “defended their title”, **Vision Techniques** (Vehicle, Plant & Equipment) and **R Collard Limited** (Sustainable Construction & Demolition Project) could both achieve that for the first time this year.

### Raise Your Brand Among Key Audiences

CIWM provides a number of unique channels for companies to market directly to their target audiences and key decision-makers across the industry. Choose from online and print advertising to sponsorship and exhibition packages, tailored to suit your needs.

For more information contact Ginny Hunter on 01604 620426 or email [ginny.hunter@ciwm.co.uk](mailto:ginny.hunter@ciwm.co.uk)



# Most Effective Communications Campaign Award

sponsored by env23

## Canary Wharf Group Ltd With The Cawley Group

With an estate-wide target of reducing waste by 10% year on year and to recover and reuse 100% of waste produced on site, Canary Wharf Management partnered with Veris Strategies, part of the Cawley Group, for the Making Sustainability Real campaign. Since its launch in June, the group has already seen an uplift in recycling and reuse. It's currently above its recycling and reuse target for July, at 86.4% from an 80% baseline since June. July's residual waste reached an annual low with less than 50 tonnes.



## Love Your Clothes – WRAP

Every year an estimated 350,000 tonnes of used clothing goes to landfill in the UK. The Love Your Clothes campaign was developed to help change the way the UK consumers buy, use and dispose of clothing. Love Your Clothes is part of the Sustainable Clothing Action Plan (SCAP), which is coordinated by WRAP. The campaign's reach and awareness has seen website visitors jump from 1,500 to 23,500. 400 textile banks have been established across Asda stores with branding included and 23 local authorities within London committed to running events in September 2016.



## Neat Streets – Hubbub UK

Hubbub's Neat Streets Campaign was a five month social experiment which tested innovative and playful ways of tackling littering on Villiers Street in Central London, using current best thinking on behaviour change and awareness raising from around the world. The project combined a series of creative initiatives including chewing gum artwork, noise-making bins and a voting "ballot bin". In five months litter dropped by 26%. The behavioural observations suggested that rates of littering decreased by 16% from before to during the campaign.





## Travis Perkins Plc

Travis Perkins' communication campaign was targeted at its branch/store network, covering approximately 1,500 sites across the UK, to encourage and engage with colleagues about waste management. The effectiveness of the campaign was primarily measured by reviewing the "before and after". Following the campaign, the average bin weight in Wickes stores was 30% lighter at 123kg and the Merchant branch bins were 17% lighter at 85kg. To put the results in context, the Wickes bin weight reduction is the equivalent weight of a double-decker bus!



### Did you know?

We changed the name of the Individual Recycling Champion award in 2010 after it was won by an amazing GROUP of people in 2009 – Tipton Litter Watch – becoming the Community Recycling Champion Award. We now award the Industry Leader of the Year.

## Get The Latest Resource & Waste Management Training From CIWM

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# The ReFood Corporate Sustainability Business Of The Year

## Aldi UK

Aldi is a leading global discount supermarket chain with almost 10,000 stores in 18 countries, of which 580 are located in the UK, and an estimated turnover of more than £50bn. Aldi UK has developed specific national and international goals with regards to resources, including sourcing 100% of the wood and paper in products from certified sources or recycled materials; reformulating a number of products to remove microbeads; and introducing a policy for all products to be free from microbeads in the UK. It is also a signatory to Courtauld 2025.



## BAM Contractors

BAM Contractors is a subsidiary of Royal BAM Group, a European construction group that unites operating companies. BAM's waste figures have dropped year on year since 2010 and is the only major construction member of the Ellen MacArthur Foundation's CE100 programme. It also actively works with clients to develop business models for "circular buildings." It aims to have a positive impact by collaborating with its supply chain, encouraging innovative thinking through its products and realising the benefits of circular economic business models.



## Did you know?

**Alistair McGowan** is the only second-time host of our awards, having previously handed out the awards in 2011. He is also one of only two male hosts, along with last year's host, Nick Hewer.



# CIWM

## What can we help you achieve?

CIWM supports thousands of businesses and individuals every year to develop skills, knowledge and careers in many ways - below are just some of the ways we can help you achieve your goals.

### Training

**1,486** people attend CIWM scheduled training courses to gain knowledge and skills.

### Conferences

**700** delegates debate and network at our leading industry conferences.

### Exhibitions

**104** organisations sponsor or exhibit at CIWM events, boasting audiences of **1,775**.

### Knowledge

**171,126** visit CIWM websites and read our magazines packed with news and advice.

### Marketing

**594** organisations advertise their brands, products and services to CIWM audiences.

### Jobs

**19,410** candidates search for their next role through [ciwmjobs.co.uk](http://ciwmjobs.co.uk)

### Expertise

Our expert staff provide opinion and comment, helping develop strategy and regulation.

### Representation

Over **50** members represent CIWM on external bodies in the UK and internationally.

\*All stats based on 2015 figures

# GJF Fabrications Delivering Health & Safety Best Practice Award

## Grundon Waste Management Ltd

Grundon Waste Management gave itself a target to reduce the rate of incidents reported under the terms of RIDDOR and to continue to eliminate fatalities across all Grundon operations. The company achieved a 54.5% reduction in total number of RIDDOR reportable accidents per year from 2013-2015 and zero fatalities. In 2013, there were 22 RIDDOR accidents per year, in 2014 it was 14 and in 2015 it was just 10. There was also a 20% increase in completed near miss/hazard reports year-on-year, compared to 2013, with 100% of reports receiving feedback.



## South Staffordshire Council & Biffa Municipal Ltd

Biffa Municipal Ltd and South Staffordshire Council introduced camera systems on all refuse collection vehicles in 2013. Footage revealed that despite a robust system in place for crews to report and document near misses/hazards, there were inconsistencies in how crews were highlighting issues pertinent to dangerous driving. The Safer Driving Campaign was launched to raise awareness amongst all stakeholders of the risks associated with dangerous driving. 20 drivers have either been prosecuted or attended a driver awareness course as a result.



## Waste & Recycling Service, Aberdeen City Council

Following a review of its waste collection service's health and safety arrangements, Aberdeen City Council appointed a Safety and Compliance Officer dedicated to overseeing the health and safety and fleet compliance for the waste collection service. Following a series of assessments and audits, the council recorded only seven injuries at work in 2016 compared to 20 for the same period in 2015 and there have been reduced vehicles accidents recorded at its waste disposal sites, which are managed by its contractor SUEZ.



## Wastecycle

Wastecycle has undertaken a comprehensive culture change programme, executed with the help of external behavioural change experts, JOMC. The project has so far delivered significant improvements in health and safety (H&S) performance through increasing proactive H&S awareness and actions to reduce accident rates. The results achieved so far demonstrate the positive benefits as a result of the programme, including a 27% reduction in accidents over the last two years and the recycling team reducing accidents by 80%.



## Did you know?

Only one award category has remained unchanged since our first event – **Health & Safety Best Practice** will be awarded for the 10th time today.

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**Sustainability and  
Resource Awards**

# Catalyst Corporate Finance Waste & Resources Fast 50 Award

## Binn Group

The recently rebranded Binn Group is a leading independent recycling and waste management company in Scotland. Situated and operating from its 60+ acre complex at Binn Farm near Glenfarg, Perthshire, Binn Skips' services include waste analysis and compost testing.



## Blue Machinery

Blue Machinery is a specialist provider of materials processing equipment for the quarrying and waste recycling industries. It provides solutions from single equipment specification, to bespoke design and installation complete integrated processing systems.



## First Mile

First Mile was established in 2004 and today recycles the waste of over 14,000 businesses in the London area. It aims to recycle everything that it collects. It offers confidential recycling, WEEE recycling, toner, battery and light recycling, and cooking oil as well.



## JBT Waste Services

JBT Waste Services provides waste management to a wide range of business sectors. Each year it collects and processes more than 300,000 tonnes of waste and is the partner of many local and national construction and industrial businesses.



## Mick George

Mick George offers mixed recycling of materials that are then sorted and separated at its facilities. It recycles over 90% of the waste it collects and diverts 100% from landfill. The company says it can offer "practical solutions for your waste" and offers a free waste audit.



## O'Donovan Waste Disposal

O'Donovan Waste Disposal is an independent, family-run company that offers a comprehensive waste management service that includes skip hire and roll on/off bins, tipper and grab lorry services, recycled aggregates and screening, road-sweepers, wheelie bins and demolition services.



## R Collard Ltd

R Collard Ltd provides a range of waste management solutions, disposing of materials through its own waste transfer stations and marketing recycled construction and demolition materials from its established Urban Quarry.



## Seneca Environmental Solutions

Seneca Environmental Solutions was founded in 2010 and offers a "cradle-to-cradle" approach to waste management. Underpinning its operations is its material recycling facility, which can convert and reprocess up to 1.1m tonnes of waste materials annually.



## Simply Waste Solutions

Simply Waste Solutions has grown to become one of the UK's largest independently owned waste management companies, making more than 50,000 collections a week, managing more than 100,000 tonnes of waste per year, with a fleet of over 55 vehicles and a team of more than 100.



## Wilshee's Waste & Recycling

Willshee's is a family-owned and operated domestic, industrial and commercial waste management company. It provides a total service for the reduction, reuse, recycling, recovery and disposal, and can provide a wide range of services from wheeled bin collections to skip hire.



# AMCS Group Industry Leader Of The Year 2016

## Ray Georgeson MBE

Ray has been involved in the environment sector since 1980 when he joined Friends of the Earth as a volunteer. He later worked for Waste Watch (becoming its chief executive) and the Community Recycling Network and, whilst on secondment to the DETR (now Defra), worked on the development of Waste Strategy 2000 and delivery of a new organisation that became WRAP, of which he became its director of policy. He left WRAP in 2008 and now runs his own business in the resources and environment field. He was also involved in the development of the Resource Association five years ago and is its current chief executive.



## Julie Hill MBE

Julie is currently chair of WRAP and was the director (and now associate of), the Green Alliance. She has been a board member of both the Eden Project and the Environment Agency for England and Wales. Julie has been a high profile thought-leader in environmental policy for over 20 years and has been a member of numerous Government policy working groups, including the Commission on Environmental Markets and Economic Performance, Deputy Chair of the Agriculture and Environment Biotechnology Commission (AEBC), and a member of the Government's GM Science Review Panel.



## Dominic Hogg

Dominic is the founder and chairman of Eunomia Research & Consulting. He has worked in the environmental field for over 25 years and undertaken a wide range of cross-disciplinary projects related to waste and resources policy for (amongst others) UK government departments, Scottish Government, Natural Resources Wales, the Environment Agency, OECD, the European Commission and the European Environment Agency. He has recently worked on proposals for a road map towards a circular economy for London and on studies into the potential for environmental fiscal reform in the 28 EU member states.





## Lee Marshall

Lee is currently the chief executive officer of LARAC and has a long and distinguished career in local government (England and Wales) plus experience as a consultant and in the private sector. He has worked in the industry for more 20 years, is a non-executive director of OPRL and is a Fellow of CIWM. He is a member of a number of government steering groups, including the Waste Collection Harmonisation project and represents LARAC on a number of cross-sector groups including the Waste Network Chairs and the waste Trade Associations Group. He is a recognised leader, opinion former and spokesperson across the sector.



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## David Palmer-Jones

David Palmer-Jones is chief executive officer of SUEZ recycling and recovery UK and has over 20 years' experience working in the recycling and waste management industry. He is also chairman of the European Federation of Trade Associations for Sustainable Wastes and Resources Management, is a former chairman of the UK Environmental Services Association and is a non-executive director of WRAP. Under his leadership SUEZ has re-thought its strategy and organisation; David has led this change and continues to be a leading figure in the maturing and broadening of the industry – recognising the importance of wastes as resources.



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## Sophie Thomas

Sophie has been a senior figure in the world of sustainable design for almost 20 years, including being a Trustee of the Design Council. She became a Chartered Waste Manager – the first from a design background – in 2014 and has worked closely with CIWM as a frequent speaker and through projects such as the Great Recovery Project and the “Fab Lab”. She has been a true “ground-breaker” in recognising the need for sustainability of products to be designed-in; and is a true and early advocate of developing a more circular economy, helping to significantly raise its profile across all industries.



# Meet The Judges



**Julia Barrett**

Director of Sustainable Development, Willmott Dixon Group

**Professor Margaret Bates**

CIWM President & University of Northampton



**Paula Boyce**

CIWM East Anglian Centre chair

**Graham Briscoe**

British Institute of Facilities Management board member



**Ian Butcher**

CIWM Health & Safety Special Interest Group

**Philip Charles**

Project Manager, CIRIA



**Linda Crichton**

Head of Resource Management, WRAP

**Liz Drew**

Armagh, Banbridge & Craigavon District Council (on behalf of LARAC)



**Chris James**

Chief Executive Officer, WAMITAB

**Terry March**

Past President of CIWM & Terry March Associates



**Trevor Nicoll**

Chair, CIWM's Education, Training & Membership committee

**Mohammed Osmani**

Senior Lecturer in Architecture & Sustainable Construction



**Robert Pearce**

Head of Research, Catalyst Corporate Finance

**Claire Poole**

Education & Training Manager, CIWM



**Jenny Robinson**

Recycling and Collections Technical Adviser, WRAP

**Janet Viney**

Inspector of Health & Safety, Health & Safety Executive



**Shane Walton**

Head of Professional Development, CILT

**Mark Wilson**

Partner, Catalyst Corporate Finance



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