



CIWM

# Sustainability and Resource Awards

2 November 2017

Marriott Grosvenor Square, London

## Welcome to CIWM's 11th Annual Awards Event



# Welcome to the Awards

Welcome to the 2017 Sustainability & Resource Awards, which promises to be another wonderful event and full of some extremely worthy winners.

I am very disappointed to say that I am unable to attend, but a perk of being the chief executive of the organisation behind the event is being able to demand a look at the winning entries, and I was delighted by what I saw!



Being careful not to let any cats out of any bags, let me say that those recognised here today – both from academia and industry – are worthy recipients of our awards. It's heartening to know that right across our sector there are innovative projects and outstanding performances taking place. These awards – our eleventh such event – help bring those into the spotlight, and long may that continue.

So enjoy the day, make the most of this excellent networking opportunity and, win or lose, celebrate your collective successes long into the night.

A handwritten signature in black ink, which appears to read 'Colin Church'.

Dr Colin Church, CIWM CEO

## Today's Host: Jo Caulfield

Jo is a stand-up comedian, host and comedy writer who has worked on some of the biggest shows, and with some of the biggest names, in British comedy.

Not only has she been the regular warm-up performer for *Have I Got News For You* for many years, she has appeared as a guest on the show, as well as on *Mock The Week* and *Never Mind The Buzzcocks*, and she has appeared on *Michael McIntyre's Comedy Roadshow*.



On Radio 4, Jo has her own acclaimed shows, *It's That Jo Caulfield Again* and *Jo Caulfield Won't Shut Up*, as well as regularly appearing on shows including *The News Quiz*, *The Now Show*, and *The Unbelievable Truth*. She has written for Ruby Wax, Joan Rivers, Ant and Dec, and Graham Norton.

Jo is in regular demand as a host and after-dinner speaker and she specialises in giving "The Response on Behalf of The Lassies" at Burns Suppers.

## Menu

Lemon & Pea Risotto,  
Mascarpone, 'H Forman & Son' Hot  
Smoked Salmon, Spring Onion Salsa



Beef Centre Cut, Oxtail Crisp,  
Potato Rosti, Grilled Sweet Onion,  
Green Beans, Port Wine Jus



Tiptree Lemon Curd Posset,  
Buttery Shortbread, Raspberries



Coffee & Petit Fours

## Running Order

- |       |  |
|-------|--|
| 12:00 | Drinks reception<br>Sponsored by Allen & York  |
| 12:30 | Welcome to the Awards<br>Headline sponsor – opensky Data Systems<br>Welcome by Chris Murphy, CIWM deputy chief executive |
| 12:35 | Lunch  |
| 14:15 | Awards presentations<br>Hosted by Jo Caulfield   |
| 15:30 | Event close followed by networking   |



# Contents

5	Roger Perry Award For Best Research Paper
6	James Jackson Award
7	PEEL People's Cup
8	The Roger Hewitt Learning & Development Award, sponsored by WAMITAB
9	Best Resources Project By Facilities Management Award, sponsored by Hubbub Enterprises
10	Award For Demonstrating Project Innovation, sponsored by Vision Techniques
12	Best Recycling Project sponsored by LondonEnergy Ltd
14	Best Reuse & Waste Prevention Project Award, sponsored by WRAP
16	Best Innovation In Vehicle, Plant & Equipment, sponsored by MVO Magazine
18	Most Sustainable Construction & Demolition Project, sponsored by RWM in partnership with CIWM
20	Most Effective Communications Campaign Award, sponsored by Ceris Burns International
22	GJF Fabrications Delivering Health & Safety Best Practice Award
24	Community Champion Award sponsored by Mick George
26	Catalyst Corporate Finance Waste & Resources Fast 50 Award
28	Waste & Resources Leader Of The Year 2017, sponsored by opensky Data Systems
30	Meet The Judges
31	Thank You To Our Sponsors



# James Jackson Award

The James Jackson Award is presented to a member (or members) 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, David Turner and Simon Kemp, for their paper entitled "Combined material flow analysis and life cycle assessment as a support tool for solid waste management decision making". Ian also won the award last year, with two different co-authors.

David Turner (right) is a postdoctoral research fellow in the technology and society lab at EMPA, the Swiss Federal Laboratories for Materials Science and Technology, as a member of the Advancing Life Cycle Assessment group.

Ian Williams (left) is a professor of applied environmental science and associate Dean (Enterprise) in the faculty of engineering and the environment at the University of Southampton.

Professor Simon Kemp (middle) is head of Centre for Environmental Science and University lead in Education for Sustainable Development (ESD) in the Faculty of Engineering and the Environment at the University of Southampton.

As a research team, David, Ian and Simon jointly won the global ISWA Publication Award for both 2016 and 2017.



# PEEL People's Cup

## Public Power Solutions, HWRC & SRF Plant

Public Power Solutions (PPS) is a wholly owned subsidiary of Swindon Borough Council and has two business areas; Waste Solutions and Power Solutions. The Power Solutions business specialises in renewable energy, working with the public sector to develop solar and battery storage projects. The Waste Solutions business operates the HWRC on behalf of Swindon Borough Council and manages the treatment and disposal of its waste and recycling and the waste brought to the HWRC. PPS developed and operate the UK's first solid recovered fuel plant that uses municipal waste as its primary source, diverting 75-80 percent of waste from landfill.



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## Rugby Solid Recovered Fuel Facility (Malpass Farm)

Malpass Farm has developed into an established facility that produces approx 160,000 tonnes of SRF a year. It has revolutionised the waste industry culture into an engineered business, focussing on manufacturing products to a strict specification with quality at its centre. With an educated approach to lean six sigma, visual management and operation organisation, utilising critical success factors as a method for identifying process variance, the site has transformed into a centre for excellence in the waste industry. The site operates 364 days a year and has the capacity to process over 200,000 tonnes of waste per year.



Winner 2017

# The Roger Hewitt Learning & Development Award sponsored by WAMITAB

## Cambrian Training Company – Sustainable Resource Management Team

Cambrian Training Company delivers training programmes for the Welsh Government's Department for Children, Education and Lifelong Learning and Skills and works in partnership with an extensive range of businesses across Wales within the waste sector. In the last 12 months it has gone from a team of two looking after 65 learners to a team of five with over 160 learners. It has worked with Flintshire, Powys, Denbighshire and Conwy County Councils, and with many private waste companies within the region. It also works with global employer, Mainetti.



## Freedom Group Ltd

Freedom Group Limited identified the need to improve environmental awareness and launched a behavioural change programme designed to drive continuous improvement. It devised an in-house Environmental Awareness Course to improve more specific knowledge around environment and ecology. The company developed an environmental campaign with monthly league tables to make environmental issues as visible as possible. Specific Toolbox Talks on vehicle idling and over 50 other environmentally-related topics were also developed, ranging from waste, energy, ecology, pollution prevention and nuisance.



## O'Donovan Waste Disposal Ltd

London-based O'Donovan Waste Disposal is especially aware of the dangers of the city's congested roads, with HGVs appearing in the news for the wrong reasons. Research from The Mayor's Office revealed that HGVs were involved in 57 percent of London cyclist's deaths between 2007 and 2014, despite making up just four percent of traffic. To address this, it has pioneered several innovative staff training initiatives, focusing on health and safety and vulnerable road users, with a priority placed on educating drivers on safety and enhancing the safety equipment on the lorries to ensure they are the safest on the road.



Winner 2017



# Award For Best Resource Project By Facilities Management sponsored by Hubbub

## ACM Environmental Plc & Crystal Peaks Shopping Centre

Crystal Peaks Shopping Centre holds over 100 retail shops and independent stalls in Sheffield, welcoming over 11 m visitors a year. It was keen to increase segregation from the original 40 percent to a further 60 percent. It engaged with ACM as environmental consultants to help meet its stringent recycling targets. Through improving its segregation of waste the shopping centre has reduced its carbon footprint by over 85 tonnes of carbon over the last 12 months. The scheme has also almost tripled the recycling rate from 33 percent to 89 percent.



## Chantry Centre

Chantry Centre management team carried out a full environmental aspects and impacts review and identified numerous measures to be implemented to reduce its environmental impact. It encouraged tenants to segregate their waste at source, reduced its environmental impact by the use and sourcing of sustainable products and introduced a transit van to collect waste, reducing the need for frequent skip collection. The new process reduced the amount of waste being diverted from landfill, recycled a large amount of previously discarded waste and reduced the emissions produced by the waste collectors.



## Southwest Clinical Center

The Southwest Clinical Center, containing medical and dental clinics and located in Brasilia, upgraded its central patio structure by removing all polycarbonate and support beams and installing a tension canvas in its place. More than seven tonnes of metal were removed from the project, which was shipped for recycling. With the canvas cutouts, promotional bags of the building were made to prevent this material going to waste. The canvas bags were distributed among the condominiums in order to assist in every day tasks, such as grocery shopping, for example, avoiding the need for the use and consumption of plastic bags.



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# Award For Demonstrating Project Innovation sponsored by Vision Techniques

## ATCjv – C610 Systemwide

As part of Crossrail Systemwide, ATCjv operated a 480m long concrete batching train that delivered 250 linear meters of concrete each night within the subsurface tunnels. Managing the logistics of the train produced the opportunity for ATCjv to develop a bespoke washout facility that was capable of cleaning the train while reducing water and fuel consumption. After all water is extracted from the waste concrete during the filtration process, it is collected by an excavator and transferred into 8-wheeler lorries for removal from site for beneficial reuse as blinding and a sub-base for road construction by ATCjv's approved waste contractor.



## CRNS Reuse Consortium

The CRNS Reuse Consortium – the first of its kind in Scotland – consists of 17 Revolve Reuse Quality Standard-accredited (or equivalent) furniture reuse organisations, with CRNS as lead. It was established to deliver quality, affordable furniture to people in need via the pioneering Reuse Lot on the Scotland Excel Domestic Furniture and Furnishings framework. CRNS worked with Scotland Excel to develop the Reuse Lot, to enable councils to purchase reuse furniture. The Lot consists of 34 reuse furniture items, including large white goods, beds and sofas. The consortium has also developed a pioneering Online Ordering System.



## DONG Energy

Burbo Bank Extension offshore windfarm, located 7km off Liverpool Bay, is DONG Energy's ninth UK operational windfarm. It is the first project globally to install the world's biggest wind turbines offshore. At a staggering 195m from mean sea height to blade tip, they stand taller than the Gherkin and with blades of 80m have a swept area larger than the London Eye. The 32 turbines on this project can generate enough electricity for over 230,000 homes. Bigger wind turbines means a more efficient energy capture. One rotation can power a home for 29 hours. Demonstrating this new model's viability, means other developers will have confidence in this technology.



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## Glasgow City Council, Land & Environmental Services

Glasgow City Council has introduced a new method of managing bulk waste uplift requests. This is through the development of a new app. Frontline collection teams now receive requests, via mobile devices, in real time, allowing them to respond immediately to requests as they are received. Specifically, the app focuses on reducing waiting time for residents to have bulky waste collection requests processed, increase efficiency and to reduce manual administration intervention in the service. The project contributes to a wider project on the use of technology and information to make life in the city, safer, smarter and more sustainable.



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## Hubbub Enterprise

Hubbub developed the Ballot Bin as an intervention to tackle cigarette butt litter during the original Neat Streets campaign in 2015. It is a customisable ashtray that displays a question and two possible answers. It shows which answer previous smokers voted for as the litter mounts up behind a glass display. This fun interaction increases use of the ashtray, thereby reducing cigarette litter. Its bright design and use of nudge theory means it generates publicity and attention, increasing sales and impact, and raising awareness of cigarette litter. The questions are easily customised, meaning topics can reflect the culture of the audience.



# Best Recycling Project

sponsored by LondonEnergy Ltd

## Axion In Partnership With The British Plastics Federation

RecoMed is a unique UK-wide take-back scheme that recycles PVC used in healthcare. It helps anaesthetists and clinical teams to increase recycling and reduce waste costs in theatres through an easy-to-use collection scheme for single-use waste medical devices, including oxygen mask tubing, anaesthetic masks and IV fluid bags.

Run by project partners Axion, a resource recovery specialist, and the British Plastics Federation, RecoMed supplies recycling containers, communication materials and collections to participating National Health Service and private hospitals.



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## Bolton Council

Bolton Council introduced a borough wide (123,000 households) engagement programme to exchange the 240-litre domestic waste bins for slimmer 140-litre bins. The aim of the project was to change residents' behaviour and divert waste from the residual waste stream and into recycling saving £1.25m in disposal costs per year. By the end of March 2017, Bolton Council avoided waste disposal costs of over £2.2m which have been used to prevent cuts to school crossing patrols and respite care for disabled children. The recycling rate increased from 39.06 percent in 2015/16 to 44.43 percent in 2016/17, an increase of 5.37 percent.



## Conwy County Borough Council

Conwy County Borough Council's "Recycle More" initiative was developed to increase resources captured from households and minimise waste to landfill. Research, planning and implementation of three-weekly refuse collections and a significant four-weekly refuse collection trial was undertaken to operate alongside a weekly collection of recycling and food waste. Three and four-weekly collections were introduced to compare the impact on recycling and refuse tonnages and to understand household attitudes. Conwy now recycles more and wastes less and the results of the four-weekly refuse collection trial are significantly positive.



## Doncaster Metropolitan Borough Council – Smartlights

Doncaster Council Smartlights project was born from the need to upgrade all street lighting to LEDs. A major question was what to do with almost 44,000 redundant street lighting fittings, 211 miles of cable and lamps. National companies offer a lantern recycling service, but it wanted to look at the “bigger environmental, social and economic picture”. It became aware that prisoners at HMP Lindholme Doncaster carried out recycling of electrical equipment for a major brand. After meeting with ONE3ONE Solutions, operating within the National Offender Management Services, it secured HMP Lindholme as a recycling partner.



# Best Reuse & Waste Prevention Project

sponsored by WRAP

## Barts Health NHS Trust's Waste Management Team

Barts Heath NHS Trust's Waste Management Team – a working partnership with Skanska's Waste Contracted Management Service – wanted to reduce bulk item waste and reduce cost and, in doing so, heighten the profile of its efforts in achieving this goal. With the waste management team's initial engagement with Globechain and Premier Sustains expertise, it successfully implemented the project with buy-in from senior trust managers, FM managers, waste portering teams and supervisors. The aim was to affect the behavioural change of the Trust workforce towards bulk item disposal, involve local community/ social projects and charities.



## CRNS Reuse Consortium

The CRNS Reuse Consortium was created to offer reuse furniture as a more sustainable and more affordable option to local authorities and their clients. It consists of 17 reuse organisations, all Revolve Reuse Quality Standard accredited or equivalent, with CRNS as lead organisation. It was created to tender and ultimately win a place on the Reuse Lot of the Scotland Excel Domestic Furniture & Furnishing (DFF) Framework. Without a place on a framework, reuse organisations were finding it difficult to win any contracts with local authorities. Where the DFF framework previously only supported new furniture purchases, it now also supports reuse.



## Greater Manchester "Give It, Don't Bin It" Partnership

"Give it, Don't Bin it" is a partnership project to increase reuse in Manchester. Manchester Met, The University of Manchester, Manchester Student Homes (MSH), Manchester City Council and charity partners work together to deliver the campaign to all university halls of residence, off-campus student housing and private halls. [www.giveitdontbin.it.co.uk](http://www.giveitdontbin.it.co.uk) encourages students to donate unwanted items to charity. In 2016, 124 tonnes of non-food items were reused, amounting to donations worth up to £230,723 for the British Heart Foundation. In 2016/17, 2,750kg of food (6,548 meals) was donated to Manchester Central Foodbank.



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## Newground ReUse

The turnover of housing properties can, by its nature, create waste. Tenants move on, leaving behind furniture, electrical equipment and other waste. Newground ReUse was set up by Together Housing Group, a social housing provider, as a solution to this, re-purposing and re-selling furniture and other waste where possible and recycling it where it is not. Since 2014 ReUse has diverted 936 tonnes of waste from landfill and has gone on to provide an affordable furniture solution for the community, educated Together Housing tenants and has trained hundreds of learners in warehousing and recycling disciplines.



## Wallasea Island Wild Coast Project Phase 1

The Wallasea Island Wild Coast Project involves the creation of a 670ha wildlife reserve for the RSPB, covering through the beneficial and sustainable reuse of 3m tonnes of spoil from the London Crossrail project. The project demonstrates how major coastal engineering can be planned and managed, working with the natural forces of the estuary, and restoring the island to a large mosaic of wetland habitats and footpaths that benefit of people and wildlife. The development of Wallasea Island Wild Coast is the largest project of its type attempted in Britain and Europe and the lessons learnt have the potential to be applied to similar schemes.



# Best Innovation in Vehicle, Plant & Equipment sponsored by MVO Magazine

## Aebi Schmidt – ES Control Panel

The Evolution Smart (ES) control system is a top of the range control system that is found in the majority of Aebi Schmidt equipment, including the Street King 660 truck mounted sweeper that is utilised readily in the waste and resources sector. The ES control system utilises new operating technology with a seven-inch colour touchscreen. It has on-board diagnostic capabilities that can identify and trouble-shoot potential faults before they have a negative impact on the vehicle. The implications for the waste and resources sector include increased driver safety, awareness and control due to the clear display and ergonomically pleasing and efficient layout.



## Dennis Eagle

DennisConnect is a telematics system designed specifically for Dennis Eagle products. Fitted as standard to all new Elite chassis and Olympus bodies, its purpose is to ensure that vehicles achieve maximum uptime by remotely monitoring their “health”. DennisConnect is integrated within Dennis Eagle’s production processes. Designed to work seamlessly with vehicles by engineers who understand the demands of refuse collection, it allows Dennis Eagle to remotely diagnose faults in real time, setting new industry standards for first-time-fix rates and increasing vehicle uptime through a superior response service.



## Grundon Waste Management

The AeroPak is a newly-opened aerosol recycling plant located at Grundon’s hazardous waste transfer station in Oxfordshire. Built at a cost of £3m, it employs specialist compaction and gas handling technology to safely recover every component of an aerosol. It is capable of recycling around 9,000 aerosols an hour – more than 10-times the capacity of the previous unit. Metal from the canisters is sent for recycling; liquids such as hairspray, paint and deodorant separated for recovery or recycling; propellant gases are collected and used by Grundon to fuel in-house operations and generate electricity.





## Healthcare Environmental Group – Pyrolysis Plant

Healthcare Environmental Group's unique pyrolysis plant is dedicated to medical waste treatment and energy recovery. The plant consists of two units, which decompose waste without combustion, preventing formation of harmful emissions and ensuring that the waste is fully treated. Traditional incineration equipment uses oxygen to "fuel a fire" and burn waste. The plant separates the combustion process into three stages – pyrolysis, gasification and oxidation. For medical waste treatment this means it reuses heat, steam and water as well as generating energy and supporting other processes by reusing the excess steam.



## VT Ident DriveStop By Vision Techniques

The Ident was originally developed to allow fleet managers control over who had authority to use rear machinery and access the cab. Following a number of tragedies, where vehicles have been used as weapons, Vision Techniques re-engineered Ident to be simpler, cheaper and to prevent anyone without an RFID tag from being able to drive the vehicle. DriveStop restricts vehicle use – ignition and handbrake release.

When entering and starting a vehicle, the driver must show their wrist-worn tag to the dashboard mounted reader before being able to drive away. Attempting to do so will set-off a high-pitched warning bell and the handbrake will not be released.



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**Sustainability and  
Resource Awards**

# Most Sustainable Construction & Demolition Project sponsored by RWM with CIWM

## C360 Costain-Skanska Joint Venture (Crossrail Intermediate Shafts & Headhouses)

Project C360 comprises the construction of Crossrail intermediate shafts and headhouses across five sites in London. The shafts provide access to the running tunnels for firefighting, emergency access/egress, general maintenance, hosting fans for tunnel ventilation and drainage. C360 constructed a temporary acoustic enclosure to ensure that noise from construction of a Floating Track Slab didn't impact local residents. The team designed the enclosure with deconstruction in mind to ensure all materials were used and disposed in the most sustainable way possible.



## Keltbray Environmental

The aim of Keltbray Environmental's involvement at London Bridge was to receive multiple waste streams from a major redevelopment site and treat and recover this waste, diverting it from landfill and allowing it to be used at restoration sites. This involved taking waste hazardous soils, track ballast and concrete. A major aim of the project was to pre-classify as much of the soils and waste types as possible so that waste could leave site immediately. This meant a rigorous sampling programme was required with individual analysis for each of the railway arches present on site that had unique contamination profile.



## Leeds Flood Alleviation Scheme – BAM Nuttall Ltd

The Phase 1 Leeds Flood Alleviation Scheme is one of the largest river flood defence projects in the country and reduces the risk of damage from flooding, whilst supporting infrastructure development and encouraging investment. The project comprises of three main components in the form of moveable weirs, the merging of the river and canal and linear defences stretching over a 4.3km distance downstream of Leeds train station in the city centre. Removal of 600m length of Knostrop Cut Island to merge the River Aire and canal provided the capacity in the river channel to take the flow of water and generated material to be reused on river bank habitat enhancements.



## Skanska: Working On Behalf Of The Welsh Water Delivery Alliance

Skanska, working on behalf of Welsh Water, is delivering a project to improve water quality at the Glascoed Water Treatment Works in Abergele, North Wales. The project has been identified as an opportunity to implement Skanska's Colour Palette programme, which aims to reduce the environmental impact of a project by optimising design and using best practice. The project has consulted with local authorities and Natural Resources Wales to use legislation, best practice and new thinking to help deliver 99.9 percent waste diversion from landfill, as well as benefits to costs and environment.



## VolkerFitzpatrick

The Ely Southern Bypass consists of a new 1.7km road around the South of Ely to relieve congestion around the A142 Stuntney Causeway level crossing. To achieve this, the new road must be built over the River Great Ouse and its flood plain, plus two railway lines. Ways of reducing vehicle movements, lessening disruption in the local area and minimising the environmental impact were required. The main way of achieving this was creating a source of fill material by constructing a winter storage reservoir on a nearby farm. The project achieved 133,200 road miles saved, 50,252.9T CO<sub>2</sub>e saved and £273,600 cost saving passed to client.



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# Most Effective Communications Campaign Award

sponsored by Ceris Burns International

## Hubbub & The City of London Corporation

SquareMileChallenge was a coffee-cup recycling campaign that sought to create a new waste-stream for single-use paper cups, currently not recyclable within general recycling. The campaign was designed and managed by Hubbub, in partnership with the City of London Corporation and Simply Cups. It was supported by a coalition of organisations, including leading coffee retailers and coffee-cup manufacturers, and 36 businesses with offices in the City. The campaign focused on the City of London, collecting and recycling 500,000 coffee-cups in launch month, April 2017. By 31 July this had increased to 1.7m.



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## MetalMatters Industry Partnership

MetalMatters is an industry-funded communications campaign delivered in partnership with local authorities and focused on increasing kerbside recycling rates. Using template resources, adapted to suit each authority, campaigns are delivered at an average cost of 27p per household. MetalMatters is a cost-effective way to educate and motivate householders to recycle more. The value of additional metal packaging collected repays the cost of campaign within months, delivering outstanding return on investment. The campaign delivers lasting benefits with an increase in revenue generation and ongoing positive behaviour change.



## North London Waste Authority & Therapy Agency

Running across Sky TV, online, video-on-demand and an interactive website, the Save Our Stuff campaign was created to inspire new thought and interest around recycling amongst young people in north London. The Save Our Stuff communications campaign was specifically aimed at young people, aged 8-34, who were not currently recycling. But, rather than setting out to conquer issues like improving quality of recycling or reducing contamination amongst existing recyclers, the campaign took on the biggest challenge: setting out to enter the consciousness of those who currently do not recycle and to begin the process of changing their behaviour.



## Surrey Waste Partnership

A rise in fly-tipping in Surrey meant councils were spending nearly £1m a year clearing up and disposing of illegally dumped waste. So the Surrey Waste Partnership ran a communications campaign between June and November 2016 to tackle the issue. Residents and businesses were the key audiences, as research highlighted a lack of understanding of their duty of care. Businesses who were potential fly-tippers were targeted while driving – such as roadside posters, radio and bus back advertising; residents were reached through digital, social media and magazine advertising. A short film was also created.



## Warwickshire Waste Partnership & Northamptonshire Waste Partnership

Representing 14 waste authorities, the Northamptonshire & Warwickshire Waste Partnerships have collaborated on a recycling rewards programme that is diverting thousands of tonnes from the waste stream and delivering savings for respective disposal authorities. The “Feed Your Caddy” campaign has galvanised thousands of local residents to recycle their food waste. As well as intensively engaging with communities, the initiative has already been recognised and honoured at national and international levels.



# GJF Fabrications Delivering Health & Safety Best Practice Award

## Amey Environmental Services

Following a number of serious incidents in 2016, Amey's Environmental Services wanted a refreshed focus on health and safety to raise awareness and knowledge on key risks in order to: reduce injuries and lost time due to incidents; increase close call reporting – allowing issues to be addressed before they become potential incidents; and engage/involve employees. A week-long, stand-alone safety week campaign was developed, incorporating a wide range of tactics, to meet these objectives. Measurements were based on behaviour change indicated through health and safety statistics.



## LondonEnergy Ltd

LondonEnergy's vision is to become the safest business not only in the waste industry, but to engage its teams so deeply into a new safety culture that it surpasses best practice benchmarks demonstrated by the construction and oil, gas and petrochemical industries. It identified where the business was placed on the safety culture ladder, then worked with a specialist company to devise a plan. Among initiatives, it launched "START Safely" – the first 12 months of professionally devised and facilitated workshops, with each month focussing on a key topic, informed by near miss and RIDDOR statistics.



## O'Donovan Waste Disposal Ltd

There are 6m HGV waste movements on UK roads each year, with HGVs making up four percent of traffic. Yet, despite this low number, HGVs are involved in a disproportionate number of accidents when moving goods, especially in built-up areas, such as London. O'Donovan has pioneered a number of safety initiatives; the main emphasis being "Safety 2015 and beyond", an ongoing strategy focussed on educating drivers and waste-handlers on the need for vigilance and best practice, whether on the roads or on site. It saw the company undertake a complete overhaul of its health and safety procedures.



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# Community Champion Award

sponsored by Mick George

## DulSCO

DulSCO contribute to the sustainability vision of UAE and Qatar by pioneering new environmental services and taking a lead in creating environment awareness amongst citizens, especially children, about the importance of conserving and preserving the environment in an informative, fun and practical way. With this objective in mind, DulSCO reached out to 58 schools in 2016 and 2017 and engaged approx 5,700 students through various environmental awareness initiatives like clean-up drives, contests, awareness sessions and community events. All activities drew attention to conservation and preservation of the Earth's resources.



## Helping Hand Environmental – Supporting Communities With A Helping Hand

The Helping Hand Company is the world's largest manufacturer of litter clearance hand tools. It supports customers with free marketing and campaign consultations to help develop innovative partnerships, best practice, innovative working methods and sustainable campaigns. This includes volunteer litter guides for groups and schools, risk assessments for volunteers, education programmes for schools, certificates, sponsorship of competitions and donation of money off vouchers and discounted order forms for volunteers, groups, charities and schools.



## Pride In Pill, Volunteer Community Group

Paul Murphy, along with a friend, dismayed by the litter found in the streets of the Pillgwenlly area of Newport Mon, wanted to do something more for the community. In an attempt to clean up the area and bring back the once strong community spirit, "Pride in Pill" was formed. This group of volunteers selflessly clean up the area, including garbage, needles and garden waste. Every two months, volunteers take a particular area to collect waste and litter from the streets. Fly-tipping is noted and cleared away whenever possible, or the local authorities contacted. The children's play area is always of high priority for the volunteers.



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environmental  
services  
association

TRAINING



# Tailored Training

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# Catalyst Corporate Finance

## Waste & Resources Fast 50 Award

### Blue Group

Blue is a specialist provider of materials processing equipment for the quarrying and waste recycling industries in England, Scotland and Wales. It offers solutions from single equipment specification and supply, to the bespoke design and installation of 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. Its three core recycling services are mixed recycling, food recycling and zero to landfill waste. On average it recycles 66% of the waste it collects and claims to get its clients to recycling more than 90% of the waste they produce.



### J&B Recycling

J&B Recycling was established in February 1998 and later formed J&B Bio Ltd as a joint venture between J&B Recycling and Hull-based waste management firm Biowise Ltd (trading as Wastewise) to provide innovative waste management services for local authorities across England and Scotland.



### Mick George

Mick George has grown to become one of the leading suppliers to the construction industry in the heart of East Anglia and East Midlands. Operating with a single tipper truck in 1978, the company's fleet size has now grown to be in excess of 350 HGV vehicles. It specialises in a wide range of skip hire and waste management services and aggregate and concrete supply.



### NWH Group

NWH Group was traditionally a haulage business that operated tippers for the quarrying industry. In 2002 it opened its first recycling operation in Edinburgh and started offering commercial and industrial waste collection. It now operates in six recycling facilities across Scotland as well as one inert landfill with circa 1.2m tonnes of remaining void space.



## Reconomy

Reconomy provides outsourced recycling and resource management services, coordinating in excess of 12,000 waste movements every week and annually managing circa 3m tonnes of waste. Supported by a network of over 1,000 supply chain partners, Reconomy operates across: commercial construction; house building; infrastructure and business and industry.



## SWR

SWR was founded in 2007 and has since built a network that spans the length and breadth of the UK, with a head office in Alton and further offices in Edinburgh and Daventry. It designs and delivers a complete waste management service, helping businesses improve their environmental performance.



## UKWSL

UKWSL is a waste brokerage firm that was established in 2003 and offers a range of recycling and recovery services to businesses, including processing paper, cardboard, glass, metal, plastics, wood, as well as more specialist waste. It aims to reduce business costs and create carbon savings whilst attaining greener credentials for businesses.



## Willshee's Waste & Recycling

This family-run independent domestic, industrial and commercial waste management company is based in Burton-on-Trent. It develops and delivers services for waste reduction, reuse, recycling, recovery and disposal, and offers services such as bin hire, skips, rear end loaders, roll on/off container and equipment rental for general waste and recycling.



## WSR Recycling

For over 25 years, Widnes-based WSR Recycling has been providing solutions to councils and business in the northwest. It works with waste collection and disposal authorities on a range of waste management needs including domestic waste such as household recyclables and residual waste, as well as trade waste from commercial properties.



Winner 2017



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Sustainability and  
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# Waste & Resources Leader Of The Year 2017

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## Dr Andy Rees

Andy is head of waste strategy for the Welsh Government and has been a driving force in developing and delivering the Towards Zero Waste strategy in Wales. This plan goes beyond circular economy priorities and has goals in fighting poverty, developing green growth and instilling wellbeing. He is a regular presenter on sector policies in Wales and is rightly proud of the progress in Wales on recycling and resource efficiency.



Winner 2017

## Chris Whyte

Chris Whyte has been a consultant in the fields of natural resource management and sustainable development for 25 years. His vision is to unlock opportunities to create a complete waste materials recovery value chain that tackles every component of the waste stream as a sustainable model, attracting investment, saving landfill volumes and costs, creating jobs, emphasising social development and maximising environmental benefits.



## Emma Howard-Boyd

Emma is chair of the Environment Agency. She joined the Board in 2009 and has served on various committees prior to her appointment as deputy chair in 2015, then chair in 2016. She is responsible for the extensive EA portfolio. She has already begun to develop a "bold new vision" for the EA and is keen to work with partners as they seek to deliver the 25 Year Environment Plan alongside green growth.



## Gev Eduljee

Gev joined Suez in 2001 and took on the role of director of external affairs in 2008. He was instrumental in coordinating the company's public policy work, its engagement with policy-makers and its industry thought-leadership, while also serving as expert counsel. He was heavily involved on a range of policy issues and regularly attended industry stakeholder meetings where his opinions were always considered and well received.



## Mike Brown

Mike is managing director of Eunomia and has nearly 30 years' experience in the minerals, energy and waste sectors. That experience helps him in transforming technically and politically complex business challenges. Mike and Eunomia have been prominent in reporting on a number of key issues facing the sector, including residual waste infrastructure and RDF exports, investment in conversion technologies and waste crime.



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## Richard Swannell

Richard joined WRAP in 2004 and became a director in 2006. During his career at WRAP, he and his teams have focused on delivering a more sustainable, resource efficient and more circular economy, particularly in food and drink. This includes reducing waste across the supply chain and in the home, through initiatives like the Courtauld Commitment, the Hospitality and Food Service Agreement and Love Food Hate Waste.



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## Dr Wayne Hubbard

Wayne has over 20 years' experience in the sector and he has been involved in LWARB since its establishment. He's responsible for helping London's boroughs to increase recycling rates and helping to accelerate the development of the circular economy in the city. His vision is for London to be the first circular city and has been prominent in working with business and the public sector to deploy business models and commercialising them.



# Meet The Judges



**Professor Margaret Bates**

Past President & Professor at the University of Northampton

**Graham Briscoe**

British Institute of Facilities Management board member



**Ian Butcher**

CIWM Health & Safety Special Interest Group

**Philip Charles**

Principal Consultant - Business Sustainability, CIRIA



**Sian Clayton**

HM Principal Inspector of Health & Safety, HSE

**Phil Clifford**

Fleet & Technical Manager, West Suffolk District Council



**Linda Crichton**

Head of Resource Management, WRAP

**Samantha Harding**

Litter Programme Director, CPRE



**Chris James**

Chief Executive Officer, WAMITAB

**Pat Jennings**

Head of Policy & Communications, CIWM



**Terry March**

Past President of CIWM & Terry March Associates

**George Monck**

Chief Executive, CleanupUK



**Trevor Nicoll**

Chair, CIWM's Education, Training & Membership committee

**Mohamed 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

**Professor David Wilson MBE**

CIWM President



**Mark Wilson**

Partner, Catalyst Corporate Finance



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