



CIWM

Scotland Centre

# Plastics in the Marine Environment

Spring  
2018

Plastics in the Marine Environment // Tackling Plastics // BMW Landfill Ban // Sector Focus // Partner Updates // News in Brief // Recent Publications // Up and Coming Events // Getting Involved // Groups and Communities



## The New CIWM Scottish Centre E-Zine...

Since David Attenborough's Blue Planet II Programme there has been an unprecedented growing awareness and public response to the global crisis and impacts of Plastics in the Marine Environment.

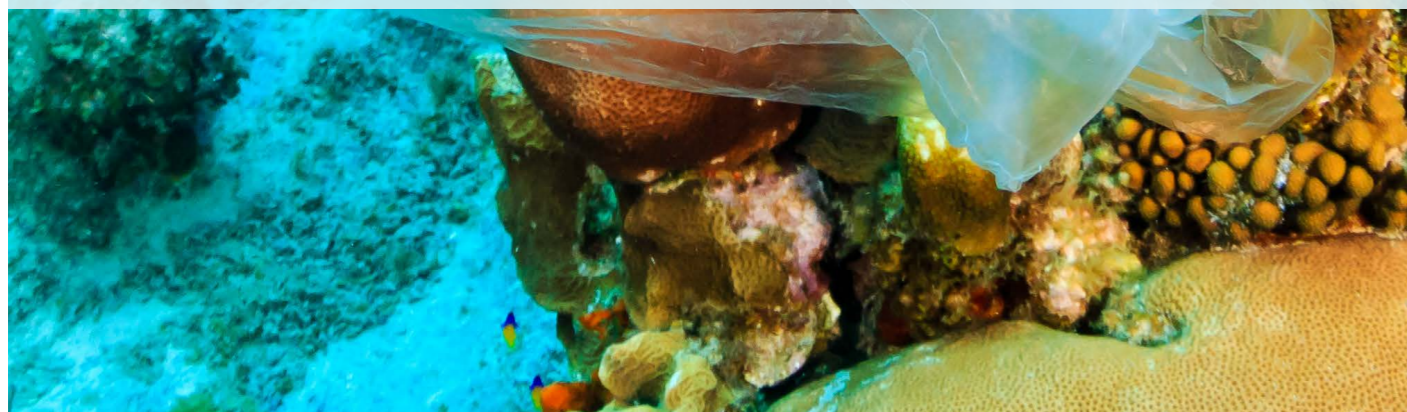
Our first edition of the new CIWM Scotland Centre E-Zine focuses on this, and reports on the CIWM Scotland Centre's Spring Seminar which highlighted the global sources of marine plastics and their impacts at both the international and national levels. The seminar also showcased a range of innovative Scottish and UK wide projects which are proactively tackling this issue.

Other key topics covered include how we are working with industry partners to inform debate and represent members views with regards to industry concerns about the forthcoming biodegradable landfill ban, with the SEPA Guidance due to go live this week.

We have been working hard to continue to raise CIWM's profile in Scotland with other key stakeholders. In addition to the regular quarterly meetings established with the Scottish Government and ZWS we are now also meeting and engaging with senior representatives from SEPA, SESA, Keep Scotland Beautiful (KSB), LARAC and the Waste Managers Network (WMN), with contributions from many of these organisations included within this E-Zine. We hope to further develop these relationships in this coming year.

We want to continue to build the role of CIWM in providing an industry voice and to act as a conduit to facilitate improved understanding and partnership working across the sector, and to identify and respond to priority issues as they arise

Dr Nicki Souter  
Editor – Chair of CIWM Scotland Centre



### The CIWM Scotland Centre's Spring Seminar, sponsored by Valpak focused on the issue of Plastics in the Marine Environment.

CIWM Members and Non-Members heard from a wide range of industry experts including the CIWM President Professor David Wilson, Policy Advisors from both Marine Scotland and the Zero Waste Delivery Teams within the Scottish Government, representatives from the Marine Conservation Society, Keep Scotland Beautiful, KIMO's Scottish Fishing for Litter Project, Project Beacon and

the Co-operative Group's Environmental Manager.

Global sources of Marine Plastics and their impacts at both the international and national levels were discussed, and the seminar showcased a range of innovative Scottish and UK wide projects being implemented and developed to tackle this issue.

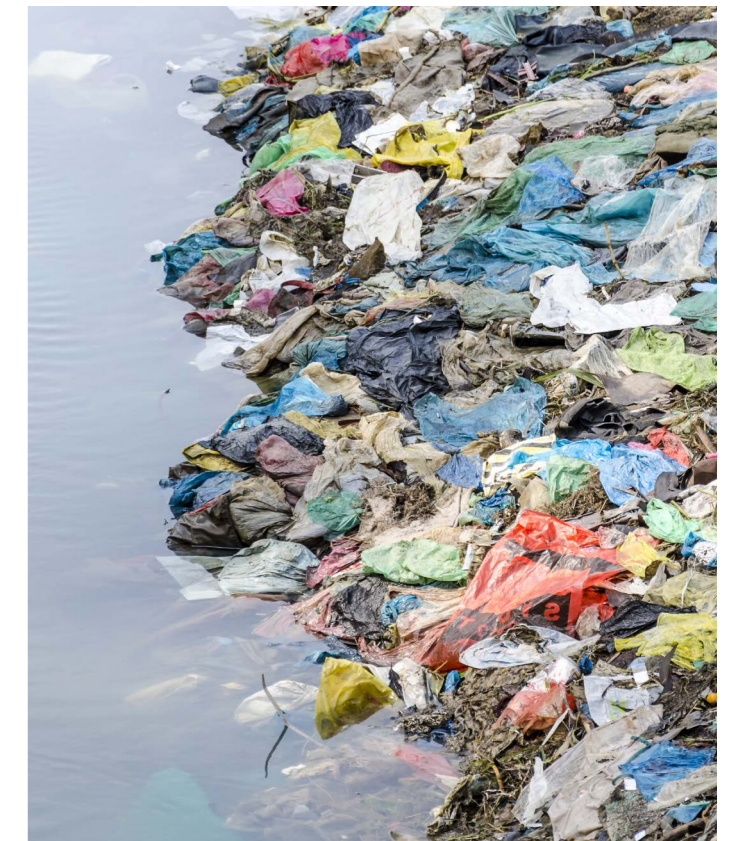
Some of the key topics discussed at the Seminar are presented here - with all presentations available from the CIWM Scotland Centre [Resource Library](#).

## Solid Waste in Developing Countries - Plastics Entering the Oceans

### Professor David C Wilson OBE: CIWM President

The World faces a solid waste management crisis. Two billion people live without waste collection and three billion without controlled waste disposal, which causes severe local public health and environmental problems. But the problems are global as well as local.

More than 90% of marine plastics come from mismanaged wastes on land; some 8 million tonnes per annum from within 50 km of the coast, and a further 2 million tonnes via rivers, most of this from Asia and Africa.



Overall, extending municipal solid waste collection to all and eliminating uncontrolled dumping and burning in developing countries would halve the weight of plastics entering the oceans.

The physical solutions are clear. Reduction, reuse, recycling and recovery are important; enabling local people to earn a living from collecting plastics ensures that leakage rates to the oceans actually reduce. How to do it requires a focus on governance factors; working with service users and providers, financial sustainability, proactive policies and sound institutions and better data.

## A Global Call to Plastic Action

### John Ferguson: EcoldeaM

**We should have seen the catastrophe over plastics in the oceans and other natural spaces coming. Now we simply can't ignore it. A complex set of causes and a diverse range of mitigations and solutions will be needed. What might this look like as a global call to action?**

We need reduction at source through investment in global water management infrastructure for water treatment, drainage and of course clean water supply. This will deliver health benefits and stem the tide of land washed plastics into the marine ecosystem.

Other key activities that must be realized include industry capturing all of its micronized plastic emissions, the improved valuation of plastics as a resource. If it

CIWM has been lobbying the UK Government for the last 6 months to take action and welcome the recent announcement on 15 April at the start of the Commonwealth Heads of Government Meeting in London of a new £61.4 million package of funding to assist developing Commonwealth countries in stopping plastics entering the oceans.

You can read the full CIWM Press Release [here](#).

doesn't need to be made from 100% virgin it shouldn't be. We need a global concordat sliding scale of recycled content across all product groups from 0% to 100%.

Local supply chain systems and the associated infrastructure are needed to capture all plastics to ensure they are managed, reprocessed, deconstructed, and remanufactured to optimise value and use. The innovative Project Beacon demonstrates how this can work in practice and what it can deliver.



## An Upstream Battle – Tackling Marine Litter at Source

### Derek Robertson: Chief Executive Keep Scotland Beautiful

**At the heart of the debate (in the UK) is our use of plastics however in broad terms, the debate really is about single use items and their loss to the circular economy.**

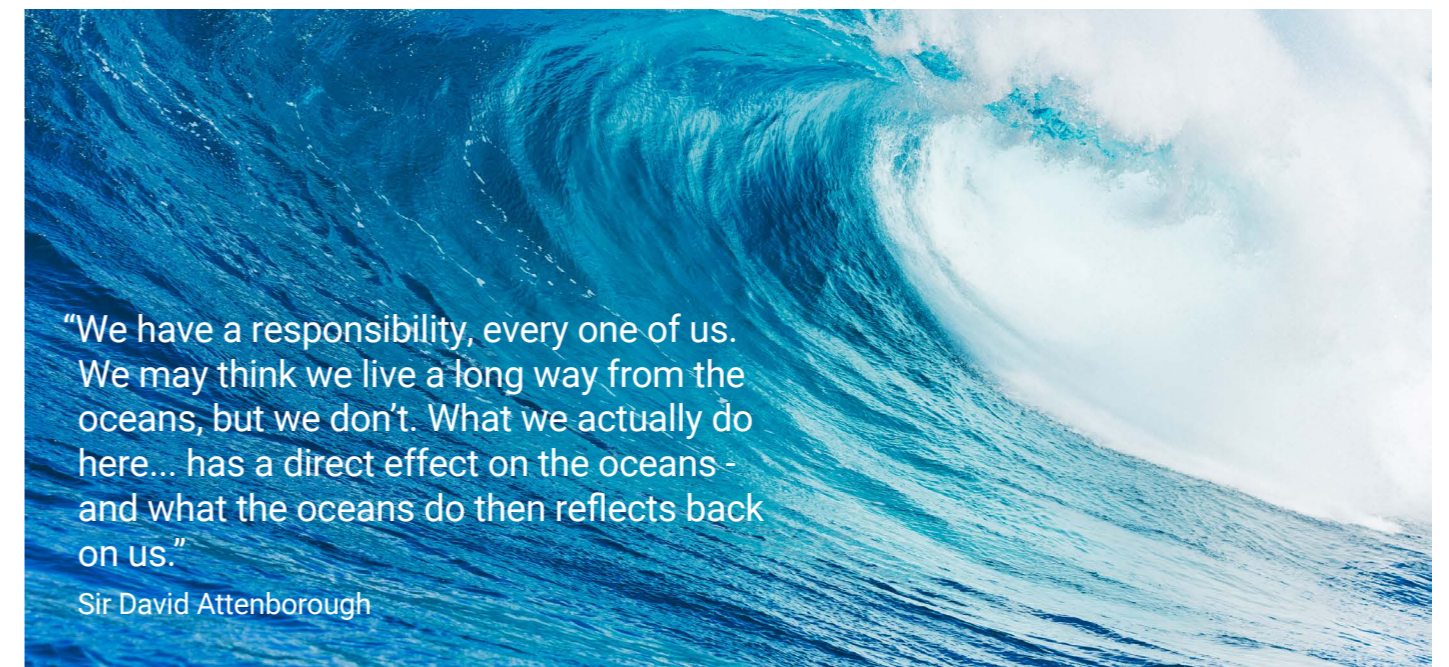
**KSB has teamed up with Recoup (Recycling of Used Plastics [www.recoup.org](http://www.recoup.org)), the UK's leading authority on plastics waste and resource management, to deliver 'An Upstream Battle' an environmental initiative to tackle marine litter at source.**

The primary focus of this joint initiative will be to shift behaviours and environmental understanding and to bring attention to the fact that the vast majority of litter and plastics in the marine environment starts

life on land, far away from our beaches and coastline. The source to sea principle is one that is under reported on, and there is very limited action currently being undertaken to bring focus to this fact.

We want to change that. With 80% of all marine litter starting life on land, it is fundamental that we reach consumers to educate them about the impact of their throw away behaviours, and 'An Upstream Battle' aims to tackle this.

On the 16th March 2018 Stuart Foster, CEO of Recoup, and I presented our proposals at the British Plastics Federation's Marine Litter Summit in London, and we are currently sharing the project ambitions with a myriad of stakeholders so that we can build the broadest collaboration of partners. We are very confident that this intervention can be delivered successfully across other parts of the UK.



# Stemming the Plastic Tide

There are a range of potential actions that are being considered by the Scottish Government to end Scotland's throwaway culture and help tackle the issue of plastics in the marine environment. Consideration is being given to banning single-use plastic items such as plastic-stemmed cotton buds and plastic straws. An expert panel will be established to advise on methods to reduce single-use items, including the introduction of charges.

A proposal to ban the manufacture and sale of plastic-stemmed cotton buds in Scotland is currently out for public consultation. This consultation is to gather views from stakeholders on the addition of secondary legislation under the Environmental Protection Act 1990; please respond [here](#).

Roseanna Cunningham will host a National Summit on Marine Litter in Oban on the 18th June this year. The summit will bring together manufacturers and retailers, marine and environmental stakeholders and coastal communities who are most affected by marine litter. The summit will aim to raise awareness, increase understanding of the issue and help identify and develop actions to tackle it.

Marine Litter will also feature at the Scottish Resources Conference at the EICC later this year on the 3rd and 4th October.



## “World-Leading” UK Plastics Pact to Tackle Plastic Pollution: The UK Plastics Pact

“Unnecessary” single-use plastic packaging will be a thing of the past as businesses sign up to a world-first pact, which aims to transform the plastic packaging system in the UK and keep plastic in the economy and out of the ocean.

42 businesses including major food and drink brands, manufacturers and retailers right through to plastic reproducers have made their commitment to the UK Plastics Pact, launched by WRAP on the 26th April 2018.

These Pact members are responsible for over 80% of the plastic packaging on products sold through UK supermarkets. In addition, 15 other organisations have also shown their commitment to the Pact.

This powerful collective has committed to hit a series of ambitious targets by 2025:

- ▶ Eliminate problematic or unnecessary single-use plastic packaging through redesign, innovation or alternative (reuse) delivery models.
- ▶ 100% of plastic packaging to be reusable, recyclable or compostable
- ▶ 70% of plastic packaging effectively recycled or composted
- ▶ 30% average recycled content across all plastic packaging.

Click [here](#) to read the full WRAP press release.

## Deposit Return Schemes Update

Following the Scottish Government's announcement in September last year Zero Waste Scotland is continuing to coordinate work to design the DRS system for Scotland for single use drinks containers working with stakeholders and continuing to build the evidence base, with the public consultation due out in Summer.

In March the UK Government also announced plans for a DRS for England for single use drinks containers, subject to consultation later this year.



# Biodegradable Municipal Waste Landfill Ban

Scotland's Biodegradable Municipal Waste Landfill Ban comes into force from 01 January 2021. Under the ban operators cannot accept biodegradable municipal waste for disposal at the landfill.

The purpose of the landfill ban is to:

- ▶ Reduce waste landfilled by directing residual waste to alternative treatment
- ▶ Extract remaining resource value from the residual waste stream
- ▶ Reduce greenhouse gas emissions from landfilling biodegradable waste

The ban will be included as a condition in landfill permits and will therefore be implemented by varying landfill permits during 2018 to prohibit operators from accepting BMW for disposal at their landfill from 2021.

The ban has raised concerns from Industry regarding Scotland's shortfall of treatment capacity for commercial and domestic waste streams. In particular will the capacity shortfall across Scotland take into account capacity issues in Northern England or a potential lack of RDF export capacity?

In order to better understand costs, industry is seeking the provision of detailed guidance to provide sufficient information and clarification on what will and will not be included with the ban and sufficiently detailed information on testing requirements.

CIWM Scotland Centre, SESA and the Scottish Local Authorities Waste Managers Network and LARAC facilitated a joint sector event 'Filling the Gap' to discuss these issues.

Event speakers included Colin MacBean Head of Zero Waste at Scottish Government and John Kenny, Chief Officer, Circular Economy at SEPA, and the panel discussion provided an opportunity for delegate questions. Following this event, a paper summarising concerns, comments and questions has been issued to Scottish Government and SEPA.

CIWM Scotland Centre met with Scottish Government on 5 April and agreed we would continue to gather information and support communications regarding the preparation and guidance of the ban, with a follow up session included on the forthcoming Scottish Resources Conference programme.

## SEPA Guidance - Ban on Landfilling Biodegradable Municipal Waste (BMW)

SEPA has developed guidance on what is covered by the ban utilising a working group with members from local authorities and industry (including CIWM members) with the publication of the guidance due this week - 30th April 2018. The guidance will be published on SEPA's [website](#) and we will also circulate this to members. SEPA would welcome any comments on the guidance and will produce further guidance regarding the sampling and analysis required to prove compliance.



## Wendy Rayner: National Sustainability Manager, NHS Scotland

NHS Scotland is one of Scotland's largest employers with approximately 139,000 FTE staff and has responsibility for a £12 billion spend annually of which £2 billion is spent on goods and services purchased centrally by NHS Scotland National Procurement.

Over the past few years NHS Scotland has made a conscious shift from waste to resource management and this has impacted on how we procure goods and services and the way NHS employees act.

As well as the 'usual' waste targets that CIWM members will be familiar with, NHS Scotland also faces other targets and requirements that impact on waste and resource practices. In particular, in the

NHS some of our largest scope 3 impacts are associated with pharmaceuticals and medical devices. A study undertaken by NHS England in 2012 suggested that pharmaceuticals contribute 22% and medical instruments 13% to the total NHS carbon footprint.

Faced with a target of 96% reduction in carbon by 2032, NHS Scotland has needed to rethink the way goods are procured to minimise and 'design-out' carbon, whilst at the same time paying close attention to the cost. Whole life costing is very important and the joined-up approach looking and manufacturing, use and disposal life stage has been key. NHS Scotland has also started to look at circular economy style contracts.

As well as heating, lighting and the use of fuel in fleet vehicles – all of which are subject to mandatory public sector

reporting - it is also important to consider the impact of goods and services we buy (scope 3 emissions) which we currently don't report.

NHS Scotland has started to realise carbon savings, whilst also reducing waste management costs.

Managing and reducing the estimated £30m worth of medicines wasted in Scotland each year is complicated. One of the key challenges for the NHS is to reduce unwanted, returned or inappropriately disposed of products from individual homes.

A partnership between NHS Scotland, a number of Scottish Universities, Scottish Water, SEPA and Highlands and Islands Enterprise to reduce waste and reduce pollution from inappropriate disposal may result in more circular systems for

pharmaceutical distribution.

NHS Scotland has also made significant savings for non-clinical items. In just over 2 years over £1m has been saved from the re-use and redistribution of furniture with the help of the online tool: Warp-IT. In some regions NHS Boards are also working with other public sector and third sector organisations to share unwanted or surplus assets to increase re-use.

The Procurement Reform Act 2014 has been a key driver for change providing a mechanism for the valuation of all sustainability aspects and mandating whole life costing, together with the Scottish Circular Economy Strategy: Making Things Last and the Scottish Climate Change Plan, there is a clear message and a clear direction of travel for future contracts.



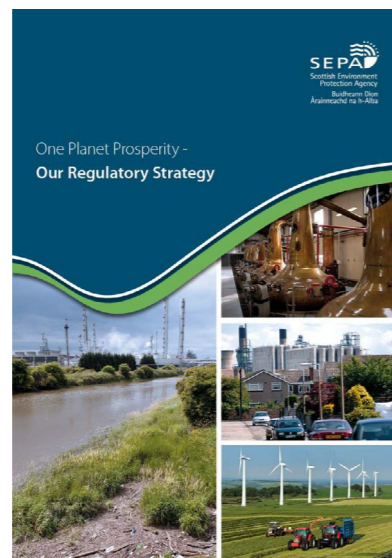
## SEPA Update

### Sector Approach to Regulation: Consultations on Scotch Whisky, Landfill and Metals Sector Plans.

SEPA recognises that as a society, we are over-using our planet's resources, and if everyone lived as we do in Scotland, we would need three planets to sustain ourselves. In the 21st century, only those businesses, societies and nations which have developed ways to prosper within the planet's regenerative capacity will thrive.

Scotland's economy is becoming increasingly resource reliant and there is general acceptance of the need to live within planetary constraints. All businesses that SEPA regulates use water, energy and raw materials to produce the products and services they provide. In doing so, they also create waste and emissions that can harm the environment.

As Scotland's environmental regulator, we are in a unique position to protect and enhance Scotland's environment, but also help communities and businesses thrive within the resources available. This is known as One Planet Prosperity.



We are currently consulting on our first three Sector Plans for the Scotch Whisky, Metals and Landfill Industries from 26 March until 7 May 2018, with the final plans due to be published in June 2018.

### Whisky Sector Plan

With a focus on collaborative working, the Whisky Sector Plan aims to drive forward compliance, support innovation and ensure the Scotch Whisky

industry benefits from environmental, economic and social success. The plan aims to:

- ▶ Ensure all Scotch Whisky producers reach and maintain full compliance with Scotland's environment protection laws.
- ▶ Help as many Scotch Whisky producers as possible take action to move beyond compliance

in ways that strengthen their business and environmental performance.

### Landfill Sector Plan

The Landfill Sector Plan details how we are going to regulate the landfill sector to ensure continued protection and improvement of the environment and relates to all open and closed landfill sites currently authorised by SEPA. The plan aims to:

- ▶ Ensure all landfill operators reach and maintain full compliance with Scotland's environment protection laws;
- ▶ Help as many landfill operators as possible move beyond compliance.

### Metals Sector Plan

The Metals Sector Plan sets out how, in partnership with operators and other stakeholders, SEPA seeks to transform performance of the metals sector, in Scotland. The plan aims to:

- ▶ Ensure businesses are realising the benefits of resource efficiency.
- ▶ Ensure waste activities are compliant with regulations.
- ▶ Eradicate waste crime.
- ▶ Derive maximum value from resources circulating in the economy.

**Responses** should be submitted to SEPA by 7th May 2018:

### Duty of Care

This year we will be adopting a strategic approach to improving Duty of Care understanding and compliance. We have committed to raising awareness of what Duty of Care means for everyone, and we will also be carrying out focussed campaigns in various sectors to achieve improvements on compliance. Further information can be found on the [NetRegs website](#).



# Keep Scotland Beautiful Update

## Scotland's Local Environmental Quality in Decline.

Our Keep Scotland Beautiful 'Local Environmental Quality in Decline 2017', provided a harsh analysis of where we stand as a nation.

Our assessment is that, for the second successive year, there has been a distinct decline in standards across Scotland and that the quality of the environment is falling fastest in our most deprived communities. This highlights the significant public policy challenge of a million people in Scotland living in communities which are blighted by litter, graffiti and fly tipping. That can't be acceptable, and we should all be determined to change it.

This is not a view informed by opinion or conjecture. It's based on the outcome of over 14,000 surveys carried out annually by our charity across Scotland, using our LEAMS methodology. It is the methodology used by local authorities across Scotland to monitor their performance and for the Scottish Government to appraise national outcomes. It is a necessary injection of evidence into a debate about local environmental quality that is normally dominated by anecdote, exaggeration and speculation. This is actual data, and it is worrying.

Our 2016 Report identified that, for the first time in a decade, recorded levels



of litter, graffiti, dog fouling, fly tipping and detritus/weed growth had taken a significant turn for the worse. The 2017 report has confirmed a further noticeable decline in standards, reversing a gradual trend that had been established. The reason for this shocking turnaround are many and complex, but it does seem that, whilst some gradual impact was being made on levels of personal responsibility for the state of local environments over recent years, the significant reductions in cleansing budgets across the country have now overwhelmed that previous positive trend.

Of course, the ultimate truth is that whether or not local authorities, private land owners, housing associations and others, spend vast sums cleaning up our communities, it is still up to us all as individuals to determine the environmental quality of the places we live, work and spend our leisure time. Some of us make individual decisions to discard cigarette butts, drop sandwich wrappers, throw drinks bottles from our cars and dump our unwanted goods. We need to shift this social norm.

**1** We need to encourage in others personal and individual responsibility for the problem. Most littering and anti-social behaviours like graffiti are illegal, but we now need to re-entrench the moral responsibility to act differently. Act

differently by reducing our packaging consumption, taking our litter home, or using a publicly provided bin for dog foul. Act differently in calling out the behaviour of others who we see discarding cigarette butts, containers and used tickets or those dumping in our countryside.

**2** We need focused national and local leadership on local environmental quality and more coordinated activity across sectors with actions to tackle the decline reflected in strategic priorities and organisational plans and objectives.

**3** We need adequate and sustained resources for communication and education aimed at changing people's behaviour. This is an area that is currently chronically underfunded. Well supported

and empowered communities could make all the difference.

**4** Producers must take greater responsibility for designing products and systems which reduce the risk of littering and fly tipping, as well as embracing measures that increase recycling rates. Extended Producer Organisations, and their respective members, have an awful lot more to offer in this regard. Perhaps a revision of the existing PRN system would provide the necessary impetus and resources.

Our Reports should end the debate over whether or not we have a problem. We do. We need national action across government, industry and society to change it. And quickly.





## Planning for Scotland's Landfill Ban

**SESA continues to raise concern about Scotland's lack of preparedness for the forthcoming landfill ban.**

From January 2021, the disposal of biodegradable municipal waste in landfill will be banned, with relevant fractions of the commercial waste stream (those similar in nature to household wastes) also within scope of the ban. However, Scotland is unlikely to have sufficient treatment capacity to comply with the ban, with estimates of anything up to a 1.2 million tonne shortfall in non-landfill treatment capacity. With the costs of RDF exports to Europe rising and with big question marks over the ability of EfW capacity in the north of England to absorb additional waste from Scotland, there appears few alternative options available other than to haul this waste for landfill disposal elsewhere in the UK.

This would not only appear to go against the grain of Scotland's ambitious Zero Waste Plan but would inevitably increase costs for Scotland's businesses. SESA has therefore been pressing for clarification on possible contingency and transitional measures.

Connected with the landfill ban is the real threat of landfill site abandonment. While it is tempting to regard early landfill closures in a positive light, so rapid has been the pace of change that provision

for site completion and aftercare is increasingly based on outdated assumptions on accepted tonnages (and associated income). In some cases, closures are therefore likely to take place before sites can be fully restored to agreed levels meaning that some operators may not have the financial means to discharge their (long term) regulatory obligations.

SEPA will need to redouble its efforts in this regard to avoid the burden of managing the legacy of abandoned sites falling on the public purse. An acknowledgement of the potential threat within SEPA's draft landfill sector plan is a welcome first step.

### Forthcoming Activities

- ▶ Raise awareness of the implications of the landfill ban and discuss practical options with SEPA and Scottish Government.
- ▶ Work with Zero Waste Scotland to ensure that proposals for a Scottish deposit return scheme complements existing kerbside systems. The adopted system should be open to competition.
- ▶ Inform the development of SEPA's landfill sector plan.
- ▶ Improve co-operation with SEPA in tackling waste crime.

## Waste Managers' Network Update

### Dundee and Angus Residual Waste Contract Awarded

The winning bid for the Dundee and Angus Residual Waste Contract came from MVV (now operating as MVV Environment Baldovie Ltd "MEB") and was awarded on 28th November 2017, for a 28-year period. The contract is to treat the residual waste from both Councils which is approximately 83,000 tonnes per annum.

MEB will construct a new Residual Waste Treatment (RWT) plant on a site adjacent to the former DERL Plant in Dundee to deliver the Full Services of the contract. During the approximate 3-year construction period MEB will continue to operate the former DERL Plant and take over operation of the DCC MRF to deliver Interim Services.

MEB have agreed a steam off-take contract with the adjacent Michelin tyre

plant to provide energy to Michelin for the production of tyres. This steam off-take contract benefits from a capital grant of £1.687 million from the Scottish Government and will significantly reduce the carbon footprint of the Michelin plant, helping meet corporate goals and assisting in the retention of the jobs at this major employer in the area into the medium term.

A further benefit is that the steam network could become part of a wider district heating network in the future, potentially assisting to address issues of fuel poverty and reducing the overall carbon footprint of the area; both MEB and Michelin have expressed support for this aspiration. MEB have also committed to a wide range of community benefits in the contract.

The contract will also offer direct investment to the region in the form of creating up to 300 jobs in the construction phase (building the RWT plant) and safeguarding operations jobs for the long term.



## LARAC Update

LARAC have recently produced a new policy position report entitled 'The Future of Local Authority Waste Funding' aimed to stimulate industry debate on the funding of local authority waste services.



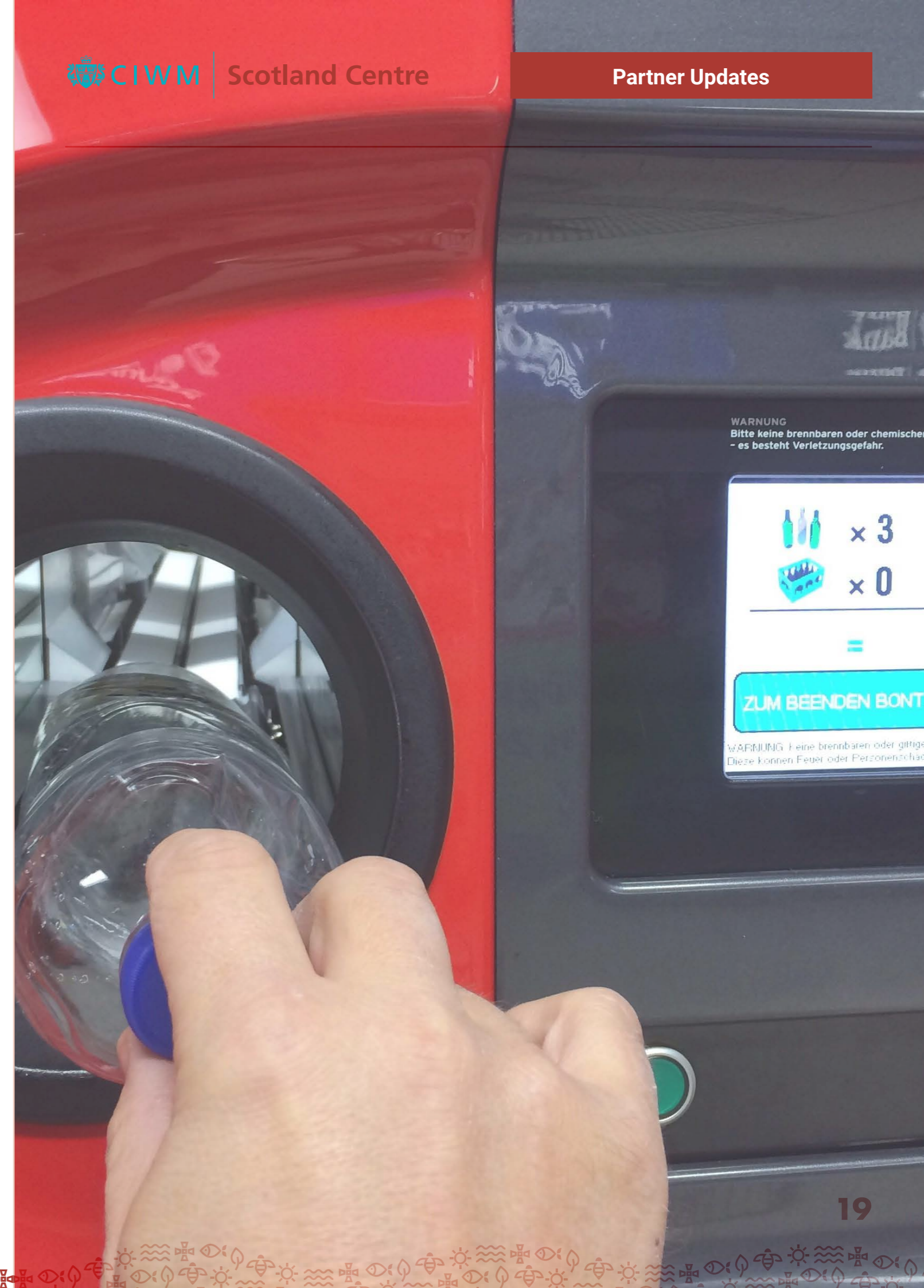
The paper calls for a radical change in how and who funds household waste collections to maximise the recovery and recycling of waste from households in support of greater resource efficiency and the realisation of the circular economy.

The main recommendations in the report are:

- ▶ A robust and comprehensive research programme should be undertaken to establish how a discretionary direct charging system for household waste collection could be implemented in the UK.
- ▶ If a Deposit Return Scheme (DRS) system were introduced, it should target 'on the go recycling' and prioritise materials which are not universally collected at the kerbside and are currently hard to recycle. A full impact analysis should be completed for any proposed DRS system with specific reference to impacts on local authority operations.
- ▶ Major producer responsibility reform should be urgently undertaken that sees producers funding more of the costs of household waste and properly promotes design with recyclability in mind.
- ▶ There should be a managed process towards the standard use of the On-Pack Recycling Label (OPRL) system in the UK.

To see the full report please click [here](#).

LARAC is the voice for all local authority waste and recycling professionals and is created and run by Council officers from all corners of the UK. LARAC exists to communicate the local authority view to government and wider industry on waste and resource issues and to keep their members well informed.



## Post EU Exit Position Statement

CIWM Scotland has produced a position statement on Post EU Exit.

Nobody underestimates the complexity and difficulties around EU Exit. That being said, CIWM members would recognise that the UK waste and resources sector has been transformed over the last few years mainly by EU policy, directives and regulations. Many

of the existing pieces of UK waste, resource management and recycling legislation have their roots in EU policy.

Regardless of the politics involved in the EU Exit decision making and policy, CIWM Scotland believes, that it is essential that existing waste management and environmental legislation must be fit for purpose on

the day we leave the EU.

This requires Government and the environmental regulators to check all relevant EU law is preserved at a national level and in the devolved jurisdictions to ensure that standards are maintained, regulatory powers remain in place and that no loop holes in law or guidance are created post EU Exit.



## CIWM Elects Dr Adam Read as Incoming Junior Vice President

Dr Adam Read has been elected as CIWM's incoming Junior Vice President, a role he will assume in October 2018.

Dr Adam Read is a Chartered Waste Manager and a Fellow of CIWM, his latest

position is Director of External Affairs at SUEZ Recycling & Recovery UK, prior to this position he has worked as an academic, researcher, local authority officer and consultant.

Click [here](#) to read the full CIWM press release.

## China to Add More Materials to Solid Waste Ban

China has added 32 materials, including specific ferrous and non-ferrous metals, to its prohibited waste list, according to an announcement by the Chinese Ministry of Ecology and Environment.

Steel slag, post-industrial plastics, compressed auto pieces, small electric motors and insulated wires, and vessels will be prohibited by the end of the year and by the end of 2019, wood pellets, stainless steel scrap, and nonferrous scrap excluding aluminium and copper will also be prohibited.

Click [here](#) to read the full CIWM article.

## Circular North-East Initiative Launched in Aberdeen

Small and medium enterprises in the Aberdeen City Region will now be supported by the Circular North-east initiative to identify and capitalise on circular economy opportunities, it was announced by Zero Waste Scotland and Aberdeen & Grampian Chamber of Commerce

Click [here](#) to read the full Zero Waste Scotland press release

## Viridor Completes £1m Upgrade of its Scottish Glass Recycling Plant

Viridor has completed a £1m upgrade of its Scottish glass recycling plant and has secured a Scottish Procurement contract covering five Scottish local authorities and a total estimated annual tonnage of 10,500. The two-year contract, with two one-year extensions, covers Angus, Dundee, Perth & Kinross, Scottish Borders and West Lothian and gives each authority the option of either delivering the glass or to use Viridor's haulage.

Angus, Dundee, Perth and Kinross and West Lothian service began on 2 April, Scottish Borders will join on 1 May, 2019.

Click [here](#) to read the full press release:



## From the Land to the Sea

How better solid waste management can improve the lives of the world's poorest and halve the quantity of plastic entering the oceans.

Click the report image to download.



## Plastics Recycling Consumer Insight Research: An International Comparison

A new survey commissioned by RECOUP and PlasticEurope to develop an international picture of consumer recycling views.

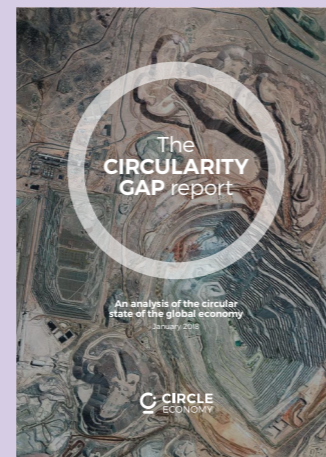
Click the report image to download.



## The Circularity Gap Report

This focuses on how the linear economy is failing people and the planet and what we can do to close the global circularity gap.

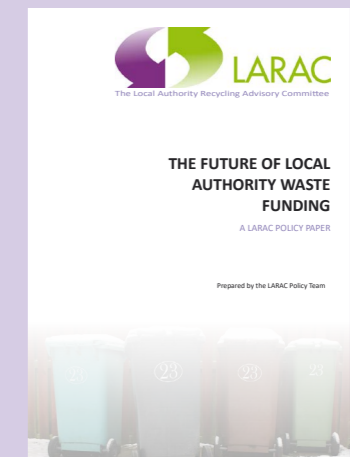
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## The Future of Local Authority Waste Funding

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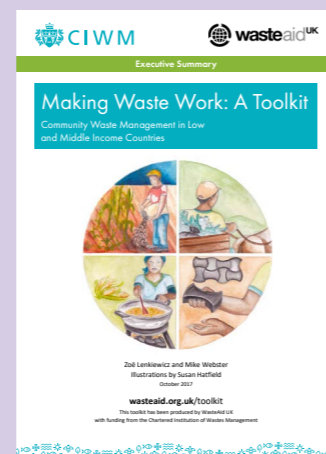
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## Making Waste Work: A Toolkit

Community Waste Management in Low and Middle-Income Countries.

Click the report image to download.



## What UK Households Think About: Pay As You Throw (PAYT)

Pelican Communications looks at changing consumer attitudes to Pay As You Throw (PAYT).

Click the report image to download.



## National New Member Network Conference, Bristol, 10-11th May

The programme includes a site visit to the Severnside Energy Recovery Centre, presentations on DRS, resources around the world and information on how to become Chartered. Book your place [here](#).

## Scottish Landfill Tax Forum (Revenue Scotland and SEPA), Perth, 23rd May

The Scottish Landfill Tax Forum (SLfT) brings together stakeholders with an interest or involvement in SLfT and provides an opportunity to hear the latest news and developments about the devolved tax. Book your place [here](#).

## Environment and Waste Management Group Joint Event, Glasgow, 31st May

The West of Scotland IOSH Branch is hosting a joint EWMG event with IEMA and the CIWM to review the challenges of the journey undergone in the Waste Management Duty of Care and the Health and Safety Duty of Care in the waste industry. To book your place please contact the Branch Secretary [here](#).

## CIWM Resourcing the Future Conference (RTF), London, 13th - 14th June

RTF 2018 will provide the ideal forum for resource and waste management professionals, policy experts, academics and government representatives to debate and shape a new policy framework that supports the delivery of the 'zero avoidable waste' vision. Book your place [here](#).

## CIWM Scottish Centre Golf Day, Musselburgh, 15th June

The Scottish Centre Annual Golf Day 2018 is taking place at the Royal Musselburgh Golf Club and this year we are raising money for Mary's Meals a charity which provides life-changing meals to some of the world's poorest children. Book your place [here](#). If you are interested in sponsoring this event please contact [Gail Martin](#).

## Next Steps for Waste and the Circular Economy in Scotland, Edinburgh, 20th June

This seminar run by Scotland Policy Conferences will provide an opportunity for stakeholders and key policymakers to discuss policy proposals aimed at meeting waste and circular economy targets set out in The Scottish Government's recently-published Climate Change Plan. Book your place [here](#).

## CIWM Scottish Centre Outdoor Activities Day, Perth, 31st August

The Scottish Centre is organising a new Outdoor Activities Day. Come and join us for a day of hillwalking, kayaking, archery and other outdoor activities - more information to be posted soon. If you are interested in sponsoring this event please contact [Gail Martin](#).

## RWM Exhibition & Conference, Birmingham, 12th - 13th September

RWM is the leading recycling, water & energy waste management event in the UK - showcasing the latest innovations shaping the sustainability sector to the industry's most influential names and organisations. Book your place [here](#).



## CIWM Scottish Centre Autumn Seminar, 2nd November

This event will focus on the Code of Practice for Litter and Refuse (CoPLAR) run jointly with representatives from the CoPLAR Steering Group - more details to be released shortly.

## CIWM Scottish Centre Christmas, Glasgow, 7th December

Christmas Lunch will be taking place again this year at Glasgow University on the 7th December. If you are interested in sponsoring this very popular event please contact [Gail Martin](#).

## Scottish Resources Conference, Edinburgh, 3rd - 4th October

The Scottish Resources Conference is Scotland's largest and most important event for sustainability, resource and waste management professionals. The two-day event, run in partnership with CIWM, Zero Waste Scotland and SEPA, sees professionals from private, public and third sector organisations come together to discuss the challenges, issues, innovations and solutions to creating a waste free Scotland.

This year's conference programme development is progressing well and will include sessions on key priority areas for our members including Marine Plastics, the Biodegradable Landfill Ban, DRS, Construction Waste, CoPLAR, Market Stability, Scottish Circular Business Innovations and Circular Economics. Register your interest in attending the Scottish Resources Conference by clicking [here](#).

## Exclusive Sponsorship and Exhibition Packages Available

A select number of exclusive sponsorship and exhibition packages are available at the SRC to give your company high-profile exposure and get face to face with your target audiences.

For more information please email [Ginny Hunter](#) or call 01604 823346.



## Becoming A Member of CIWM

Becoming a member of CIWM and upgrading your existing membership brings a host of benefits.

These include great networking opportunities by attending our wide range of events and seminars, access to valuable technical resources and training opportunities to develop your knowledge, skills and career prospects as well as demonstrating your commitment and professionalism to the waste and resources sector.

To find out about CIWM membership grades and benefits and how we can help you please click [here](#).

In January, we also introduced a new Affiliated Organisation Package which is an enhanced version of the existing package with additional benefits, including an AO Code of Conduct, and a minimum of two Individual Affiliated Memberships. Further information can be found [here](#).

For further information and support to find out how becoming a CIWM Member could benefit you please contact our Regional Development Officer [Gail Martin](#).

## Becoming A Chartered Waste Manager

Our next round of Chartered Waste Manager professional interviews will take place on the 25th October.

To find out more and find out what you need to do to become Chartered and the benefits it brings please contact the Scottish Centre Regional Development Officer [Gail Martin](#).

## New Chartered Waste Managers

Congratulations from the Scotland Centre to our most recent Chartered Waste Managers:

- ▶ Catherine Leaf
- ▶ Michael Fielding
- ▶ Rod Paterson
- ▶ Kat Laakso
- ▶ Katie Colquhoun
- ▶ Duncan Falconer
- ▶ Alison Gallacher
- ▶ John Haughey
- ▶ Kieran Doona
- ▶ Iwona Cameron
- ▶ Martin Cracknell
- ▶ Luke Millican (who also became a Chartered Environmentalist).

## CIWM Best Student Award

Congratulations to James Peter McCafferty, who is a MSc/PgD Waste and Resource Management student at the University of West of Scotland. James has been awarded the CIWM Best Student Award which recognises his hard work and achievements and offers him a one-year free CIWM Graduate Member subscription.



## Training Opportunities

Over the next few months, the Scotland Centre will be running several training courses:

- ▶ [Waste Legislation Essentials in Scotland - 18th June](#)
- ▶ [Duty of Care in Scotland - 19th June](#)
- ▶ [Special Waste Regulations - 7th November](#)
- ▶ [Special Waste Classification and Coding - 8th November](#)
- ▶ [Waste Legislation Essentials in Scotland - 20th November](#)
- ▶ [Duty of Care in Scotland - 21st November](#)

For further information or to book your place contact the training team on 01604 823341, e-mail [training@ciwm.co.uk](mailto:training@ciwm.co.uk) and view the training brochure [here](#).

CIWM members will get a 20% discount and if members book two courses they will be entitled to a further 10% discount. All non-members will be entitled to a 10% discount if two courses are booked.

The New Member Network (NMN) looks to support those new to the industry or those just starting their careers, by offering networking opportunities, seminars, site visits and events put on locally and aimed specifically at this group of people.

The NMN also works to increase the profile and awareness of the waste and resources industry and to encourage more people to consider a career in waste and resource management.

Most activities are open to members and non-members; however, non-members will pay a higher attendance fee where applicable. If you would like to get involved or would like to find out more about what is happening in your area please contact the Scottish Centre co-ordinators.

You do not have to be “New Generation” in order to be involved - any CIWM members with ideas on how to encourage and support new people in to the industry are welcome to attend. If there are any Scottish facilities you would like to visit, speakers you’d like to hear from or topics you would like us to cover please let us know.

Our most recent event was a visit to the SUEZ MRF in Aberdeen which was a great opportunity to visit this new facility and to learn more about the separation techniques and technologies employed on-site as well as seeing them in action.

There are a number of events being planned for the New Member Network including trips to view an NHS facility’s waste management operations, MRF and EfW facilities in the central belt, a mattress recycling facility and a landfill site. Further information will be available shortly.

Please contact the CIWM Scotland NMN Co-ordinators:

- ▶ [Laura Blair](#)
- ▶ [Veronica Formosa-Hamilton](#)
- ▶ [Grant Wilson](#)

Or visit the CIWM Scotland Centre NMN Page [here](#).



Visit to SUEZ MRF

## Business Waste and Resources Group

This established group chaired by Jamie Pitcairn the Client Manager for Scotland at Ricardo, comprises of a group of key stakeholders and interested parties within the Scottish business community who have an interest in waste and resource efficiency.

The group act as a knowledge exchange and a forum for dialogue to further understanding of the management of business waste in Scotland. The group also seeks to gain a better understanding of the Scottish regulatory and market requirements to support greater consistencies in practice and regulation of Business Waste.

A recent event focused on how trade waste is managed in Scotland and provided an overview of the different approaches taken to provide flexible and effective solutions for businesses. Trade waste provision across Scotland varies from council to council and this event offered an opportunity to learn about these different approaches.

The group also recently produced a discussion paper for CIWM on Food Waste: Contamination and Preparing for the Landfill Ban which was submitted to the Scottish Government. This paper highlighted industry views that many businesses are still not segregating

food waste and many food businesses are still in denial/unaware of the requirement to segregate food waste. The paper highlighted if this issue was not addressed the implementation of the biodegradable landfill ban will be very challenging as there will be insufficient infrastructure to process rejected material unless incineration is deemed acceptable.

Forthcoming meetings will take place on the 7th June, 23rd August and the 15th November with topics still to be determined. If you would like to attend, get involved or would like to find out more about what is happening in your area please contact our Regional Development Officer [Gail Martin](#).

## Update from The CIWM Scotland Re-Use Group

The CIWM Scotland Re-use Group has been in operation since November 2014 and successfully delivered on a series of meetings.

The group has fulfilled its objective of sharing expertise and creating connections between the public, private and third sector to increase the level of re-use in Scotland. To ensure the ongoing good work of the group, an exploration of its future direction is currently underway with an update expected in due course.





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