Communications Waste (Scotland) Regulations



Growth that doesn't cost the earth

APSE Presentation September 2013





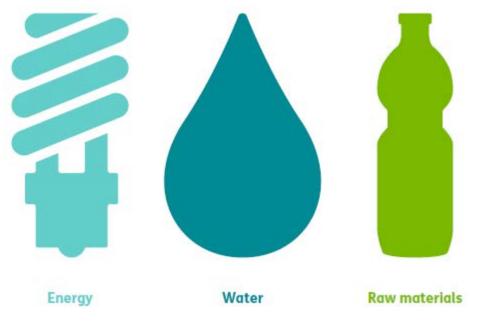
Introducing Resource Efficient Scotland

You are familiar with Zero Waste Scotland.

Resource Efficient Scotland is the new Scottish Government programme delivered by Zero Waste Scotland, to help all Scottish based businesses and organisations, including local authorities, to reduce costs by implementing resource efficiencies in energy, water, raw materials and waste management.



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£2.9 bil

Potential saving p.a. through resource efficiency







What's on today's menu?

Starter – Strategy overview

Main course – The Waste (Scotland)

Regulations







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Starter: strategy overview





The need for change. We've come a long way...



Over only 5 years

- Total waste arisings in Scotland down by
 22%
- Total waste disposed of in landfill has dropped by 35%
- Recycling and composting has increased by 45% over the last 5 years.







The need for change. But we've still a long way to go

- Scotland spends nearly £100 m every year throwing away recyclable materials valued at around £97 m
- Cost of managing materials 'inefficiently' is increasing as landfill tax increases year on year (Apr 2013 = £72 tax alone)
- Processing food waste through modern treatment facilities has the potential to generate enough energy to power a city the size of Inverness



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The need for change Resources: demand vs availability



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Global Demand - Energy & Raw Materials

- Demand for materials accelerating at an alarming rate -300% increase predicted by 2050 (Defra 2011)
- Virgin raw materials are running out
- Costs are increasing above-inflation across ALL resource groups: Energy, Food, Materials



The need for change Policy Driving Change

- The way we think about, and manage, waste is changing:
 - EU level : Revision of the Waste Framework Directive
 - Scottish Government ambition to drive change
 - National Level : Zero Waste Plan

Essential to secure Scotland's economic future as well as delivering environmental benefits.



Zero Waste Plan – at least 70% of all materials recycled by 2025.

"Zero Waste means reducing the unnecessary use of raw materials; re-using products where possible and recovering value from products when they reach the end of their lives either through recycling, composting or energy recovery". Scottish Government (2008)







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The Waste Regulations are a key step forward in achieving a zero waste, resource efficient Scotland.







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Local Authorities

Your 'bread and butter' role.





Local Authorities wear 3 hats for Regs.



The regulations are aimed at creating high quality secondary materials for much needed manufacturing investment opportunities in Scotland.

This is fundamental to their role in economic development and also part of the RES support remit.

A programme from (RES)

Local Authorities. Play a pivotal role in communicating Regulations.



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LAS are a trusted source of information.

1/3 of businesses contact Local Authorities first for information on the Regulations. And then contact SEPA and Zero Waste Scotland. (Tracking Wave 2)





Local Authority Support in communicating Regulations.

- Leaflets distributed in rate payer statements over 100,000 to date.
 - Translations underway for Punjab, Polish, Cantonese, Gujarati and Bengali
- RES e-mailer to Scottish businesses
- Webinar workshop briefing
- Direct mail to LA CEO to cascade to staff / customers with emphasis on businesses / schools / care homes & social housing sent prior to launch
- Communications resource kit for Waste Contractors for employer engagement and customer communications



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What are other organisations doing? Quite a lot, already.



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Tracking Research Wave 2 findings for businesses

- Majority of businesses, already aware of the regulations, are confident that they will be compliant.
 86-94% (Wave 2 v Wave 1)
- Majority of businesses already recycling to some degree.
 - 76% claim to separate paper and card
 - 56% separate plastic and metal (Tracking Survey)
- 66% understand implications for business

Businesses have an appetite for managing waste and resources, motivated by a desire to improve their bottom-line. (Business Briefing Workshops)







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In between courses.

Laying the table:

Duty of Care

Reducing Waste





Current Duty of Care Legislation

RESOURCE EFFICIENT SCOTLAND

What is Duty of Care?

A legal responsibility to ensure that your business / Growth that doesn't cost the earth organisation produces, stores, transports and disposes of controlled waste without harming the environment.

- No time limit production to transfer provided there are no environmental health issues
- Label your waste clearly
- Store your waste safely
- Transferred to a registered carrier www.sepa.org.uk
- Keep waste transfer notes for min 2 years
- More info from NETREGS www.netregs.org.uk





What's changing as a result of the Waste Regs?

You are required to extend your Duty of Care.



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How?

- By changing the way you think about waste key recyclates are resources.
- By changing the way you manage your waste
 Separation (recycling) is key
- By understanding the waste management chain and your responsibilities.



Holistic approach to reduce resource use across the whole supply chain, and the Scottish economy.

Environmental, Economic... and just plain business sense







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Reducing your Waste

The optimal waste hierarchy is about waste prevention rather than waste management.





Reducing Waste The Waste Hierarchy

"All businesses and organisations are required to take **all reasonable steps** to apply the Waste Hierarchy to their products, services and operation."



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Reducing waste to cut costs

Engage your Staff....

Hold a meeting; Brain storm ideas for waste reduction; Listen to staff; Take action; Feedback the results!!

Assign responsibility....

Start at senior management level and filter down; Appoint a Green Champion; Allow them to award efficient behaviour and shame bad behaviour

Self Audit Your Waste....

Where is your waste coming from? Split it into categories e.g. *Prep* waste, *Plate* waste and *Spoilage*. Identify solutions to fit the type of problem...





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Reducing waste to cut costs

Examine your Supply Chain....

How do supplies enter your business -Excess packaging? Can suppliers take back packaging? How recyclable are the materials themselves? Talk to your supplier!

Over Ordering....

Are you ordering more than you need? Do you need it at all? Can you lease, hire or refurbish items instead of buying new?

One persons waste...

Is another's treasure! Think about furniture; IT equipment; Textiles (uniforms, bed linen); Food (homeless charities); Look out for waste exchanges





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Main course:

The Waste (Scotland) Regulations





Overview of Waste (Scotland) Regulations



Passed by the Scottish Parliament - May 2012

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- Target date is 1 January 2014
- Some exceptions on food waste regulation 1 January 2016
- The regulations are aimed at creating high quality secondary materials for much needed manufacturing investment opportunities in Scotland, and economic development.
- A unique opportunity to improve the waste management services offered to businesses in Scotland.
 - Requirements on businesses are matched with requirements on the waste management industry to provide the compliant services.





Summary of full Regulations



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- Require source segregation & separate collection of key recyclable materials:
 - Paper
 - Card
 - Glass
 - Metal
 - Plastic recyclable
 - Most food businesses will be required to present food waste for separate collection
- 2016 ban the disposal of macerated food waste to the sewer network in non- rural areas
- Ban the landfilling & incineration of separately collected materials.
- Restrict the inputs to thermal treatment facilities to extract recyclate value from residual waste stream
- Ban residual municipal biodegradable waste from landfill (2021)





Responsibility for Materials



By 1 January 2014; as a waste producer you are required to Growth that doesn't cost the earth

- As a legal minimum present the following materials for separate collection
- Present materials for "High Quality" recycling
- Maintain the quality of recycling while in your care









Can I Mix Recycling? (Comingled)

- Full separation of key materials is prioritised to ensure
 'Quality' and 'Quantity' is not compromised
- But, initially, there will be times when this is not practicable, feasible or available;
- Co-mingling key things to focus on:
 - Speak to your waste contractor / local authority for guidance
 - Partially comingle rather than fully
 - Do not mix recyclable and non-recyclable waste
 - Do not mix paper and glass
 - Label bins clearly
 - Train staff and cleaning staff!
 - Ensure quality & quantity of recycling is not compromised

See Duty of Care: A Code of Practice for further information

www.scotland.gov.uk/Resource/0040/00404095.pdf













Responsibilities for food waste.

- O1 Does my business handle food? (e.g processing, distribution, preparation or sale)
- Q2. Is my business **non rural**? <u>www.zerowastescotland.org.uk/regulationsfaqs</u>
- Q3. Do we produce over 50KG of food waste per week?
 - A. Separate food waste for collection by 1st January 2014
- Q4. Do we produce between 5-50KG of food waste per week? (also hospitals, hospices, medical facilities)
 - A. Separate food waste for collection by 1st January 2016

There is also a ban on disposing of food waste to sewer in non rural areas (eg using waste disposal units at sinks)

Legislation is site specific



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Rough Guide to 50kg

- Household Waste Bin = 240l
- 50KG of food waste = roughly 100 litre

This (middle bin) is 140 litres
 holds around 70kg of food waste

Kitchen Caddy is 10 litres
 holds around 5kg of food waste











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Common problems.

And how to overcome them.





Overcoming barriers Staff not recycling



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Barrier: Staff won't recycle

Solution: Remove bins from desks and create recycle banks, awareness raising, engage staff with the 'why' are we doing this







Overcoming Barriers Visitors / public not recycling



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Barrier: Despite best efforts,

customers/visitors don't recycle

properly (or at all)

Solution: Communication,

Recycling on the Go







Overcoming Barriers Storage space



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Barrier: Storage Space (inside)

Solution: Smaller / stackable bins



Barrier: Storage space (outside)

Solution: Share waste and recycling services with

other businesses







Bringing the Regs to life for the Scottish business community



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Campaign elements







The law on waste is changing for businesses.

From 1 January 2014 the Waste (Scotland)
Regulations mean that all organisations, big or small, will have to recycle their plastic, metal, glass, paper and card or risk a fine. Most food businesses will also have to recycle food waste.

For free advice and support on meeting the new regulations and how to save money, visit: www.resourceefficientscotland.com

enquiries@resourceefficientscotland.com 0808 808 2268







Campaign Radio – Big / Little

SFX: Construction Site – reversing beeps, diggers, drilling etc.

VO: (Shouting over the noise)

Whether you run a really big business...

SFX: Shop bell ringing.

VO: (Whispering as if in a bookshop)

...or a really small business...

...the law on waste is changing.

From 1st January, the Waste Scotland Regulations mean that businesses will have to recycle plastic, metal, glass, paper and card or risk a fine.

If you run a food business, you'll probably need to recycle your food waste too.

For free advice and support on meeting the new regulations, and how to save money, visit Resource Efficient Scotland .com or speak to your waste contractor.



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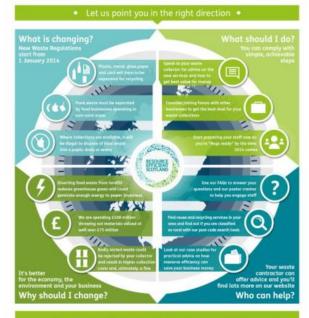


Literally 'points people' in the right direction to answer the questions of:

- What is changing?
- What should I do?
- Who can help?
- Why should I change?







For more information please visit resourceefficientscotland.com or call 0808 808 2268







Regulation support to-date Online



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Online is a wealth of dedicated free Regulations resources;

- Frequently Asked Questions (FAQ) database
- A postcode finder tool to enable food businesses to see if they are exempt from the regulations based on location.
- Business Resource Centre
 - Information on re-use and recycling services by area as well as advice on how best to help businesses to costs through resource efficiency.
- Video case studies
- Poster creator





Regulation support to-date Video case studies

Demonstrating Regs readiness in different business environments.



- Large hotel
 - Gleneagles
- Small city restaurant
 - Timberyard
 - Mushtaqs
- Visitor attraction
 - Royal Botanical Gardens
- Takeaway food retailer
 - The Bay Fish and Chip Shop
- Food retailer
 - Mo's Convenience Store
- Pub
 - Mains of Scotstown
- <u>Manufacturer</u>
 - Graham's Construction, Samsung Wind Farm

- Food producer
 - McSween
- Event company
 - Aberdeen Exhibition and Conference Centre
- Small retailer
 - Elan Hair Design
- School
 - Changeworks Edinburgh Academy
- NHS Fife
- Shared waste uplift contract
- Offices
 - Mercat tours





Regulation support to-date Posters creator



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Posters for employers to situate at recycle points in the workplace and public areas to clearly signpost bins for key recyclates and motivate employees and the public to recycle.

- Workplace bin signage for specific recycling requirements
- Bin Stickers
- Staff engagement employer posters to motivate change
 - Recycle for Scotland branded. A familiar consumer brand staff will recognise from home campaigns, retail and public environments e.g. Scotrail train stations, SECC and shopping centres.
 - Call to action 'Don't let a good thing go to waste.' may prompt people to take a new view on their rubbish as a valuable resource.
 - Copy treatment qualifies the value of the recycled item.
 - Reference to resource re-use and related energy efficiency.

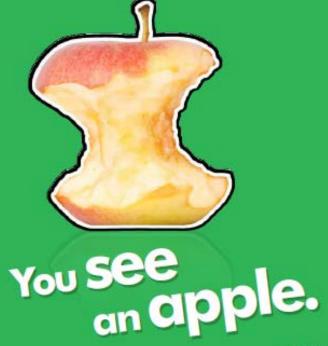




Poster Creator Employee Engagement







We see an energy source.

Food waste sent to modern treatment plants has the potential to generate enough energy to power a city the size of Inverness.

We need your help.

Please recycle your plastic, metal, glass, paper, card and food.

Don't let a good thing go to waste



recycle for Scotland





You see a can.

We see brand new cars.

Steel is 100% recyclable and can be made into anything from aeroplane to bicycle parts.

We need your help.

Please recycle your plastic, metal, glass, paper, card and food.

Don't let a good thing go to waste

www.recycleforscotland.com

recycle for Scotland





You **See** a drinks can.

We see a new can in 6 weeks.

Making new cans from old uses 20 x less energy.

We need your help.

Please recycle your plastic, metal, glass, paper, card and food.

Don't let a good thing go to waste



Recycled plastic bottles can also become anything from fleece jackets to CD cases.

We need your help.

Please recycle your plastic, metal, glass, paper, card and food.

Don't let a good thing go to waste

www.recycleforscotland.com



Glass can be recycled again, and again, and again....

We need your help.

Please recycle your plastic, metal, glass, paper, card and food.

Don't let a good thing go to waste

recycle for Scotland





You see scrap paper.

We see tomorrow's news.

Most UK papers are printed on recycled paper.

We need your help.
Please recycle your plastic, metal, glass, paper, card and food.

Don't let a good thing go to waste

www.recycleforscotland.com

recycle for Scotland





You see old card.

We see a cereal box.

Thanks to you, your cardboard can get a second life.

We need your help.
Please recycle your plastic, metal, glass, paper, card and food.

Don't let a good thing go to waste









Media Relations - Sept. Launch



Campaign started September. Coverage received week one

- Iain Gulland was interviewed by BBC news programmes including <u>Reporting Scotland</u> (lunchtime, evening 12.54 mins into programme)
- BBC Radio Scotland's <u>John Beattie</u> show (83 mins into programme)
- BBC Alba radio.
- BBC Alba television
- BBC <u>online</u> also covered this story
- Trade press
- Courier Recycling warning issued to firms in Scotland
- Herald
- SEPA Weekly update
- NetRegs
- http://cardinalenvironment.wordpress.com/
- Edie.net











Campaign to highlight new recycling rules for businesses

Scottish businesses are being encouraged to increase their recycling before new regulations come into force.

From January 2014, all organisations will have to recycle their plastic, metal, glass, paper and food or risk a fine.

The Scottish government has said it wants 70% of waste to be recycled by 2025.

Zero Waste Scotland has launched an awareness campaign to help firms with the transition.

The Waste (Scotland) Regulations were passed by the Scottish Parliament in May 2012.

It is estimated that Scotland is currently paying £95m in landfill taxes to throw away materials - such as paper, glass, metal, plastic, card and food valued at £07m.



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For free advice and support on meeting the new regulations and how to save money, visit: www.resourceefficientscotland.com

rquiries@nesourcee@scientarid.com

Zero Waste Scotland wants to make businesses aware of the new recycling regulations

Related Stories

Recycling refunds 'could cut litter'

Council recycling rates revealed

Waeto hueinoee ie



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Features



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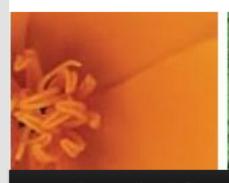
Blog



Cardinal Environment Limited's Blog

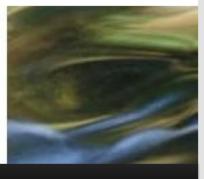
For useful tips and quite interesting things











Home

About this Blog

Zero Waste Scotland Query

Posted on 2 September, 2013

Zero Waste Scotland is today promoting its range of advice and support in connection with the Waste (Scotland) Regulations 2012. See here for their web page entitled Waste (Scotland) Regulations.

Please note, these Regulations do not stand on their own, they insert text into s.34 of the Environmental Protection Act 1990 (into Duty of Care). The relevant clauses are found in our Cardinal Environment consolidated Environmental Protection Act 1990 Part II document issued for Scotland, and should be read there (in conjunction with changes made by other pieces of law).

RECENT POSTS

- Zero Waste Scotland Query
- Ammonia Leak Fatalities
- EU Biocides Regulation
- Planning Policy Guidance Query
- WEEE Directive Query

FOLLOW BLOG VIA EMAIL

Enter your email address to follow this blog and receive notifications of new posts by email. N.B. Wordpress will send you an email, please ensure you click the confirmation link within it!:) Others have welcomed the campaign. Jamie Pitcairn, a director at consultancy firm Ricardo-AEA which will be manning some of the business helplines, told edie that now is the perfect time to make the "big push" in communicating the new laws to all those affected - and the benefits of compliance.





Scottish businesses are being encouraged to make the most of free support available to help them conform to new waste regulations.

Awareness of the Waste (Scotland) Regulations remains low, but a new campaign and communications initiative has come at just the right time according to experts.

From January, almost every organisation will have to recycle their plastic, metal, glass, paper and card. Food businesses that produce more than 50kg of food waste per week will also be required to separate it for collection.

There will be some exemptions, in particular for those in rural areas, with businesses advised to use the postcode search tool for more information.

Regulators will have the power to fine firms that are not compliant, but have insisted that they will be taking a "pragmatic approach".

National operations waste unit manager at SEPA (the Scottish Environment Protection Agency), Adrian Bond, said he will be working in partnership with Zero Waste Scotland (ZWS) to raise awareness of the new laws and there will be a sensible, but not soft, approach to compliance.



From January, almost every organisation will have to recycle their plastic, metal, glass, paper and card.

Related articles

Scotland launches best practice code to work towards zero waste

Major events in 2014 prompt Scotland to tackle road litter

Glenmore Lodge adds biomass to sustainability

Most read stories

- » Major skincare companies linked to the destruction of tropical rainforests
- » Clapham Junction to cut energy consumption with 'intelligent' lighting
- » UK airlines need 'industry standard' for carbon reporting
- » Global leaders call for 'cooperation and solid partnerships' to tackle water issues
- » Campaign to help Scottish firms with new waste laws

Latest Waste Jobs

SEARCH ALL JOBS

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Recycling warning issued to firms in Scotland

By GRAHAM HUBAND, 2 September 2013 4.25pm.



Scottish businesses could risk substantial fines if they fail to prepare for new waste regulations due to come into force.

The new rules on how firms dispose of the waste they create will come into force on January 1 and put a greater onus on firms to recycle their rubbish and unwanted goods.



GRAHAM HUBAND @C_GHuband Email

Business editor





Enter clubrecycle



waste each week from January 1 2016.

However, food businesses in rural areas are exempt from the food waste regulations and ZWS has provided a postcode search tool to help organisations determine whether they are eligible for exemption.

Additionally, the regulations will mean that any food business that produces

food businesses producing 5kg of food

more than 50kg of food waste each

week must present it for separate collection, which will then extend to all

and card or face a fine.

Opinions

Ask the Experts

Letters to the Editor

Approved by the Scottish Parliament in May 2012 (see letsrecycle.com story),



Scottish businesses are being targeted in a

Advertorial

- To media selling in responsibility of informing readers.
 - Supporting small space advertising, with free or heavily discounted advertorial in business / sector specific magazines.
 - Insider Magazine
 - Business Quarterly Magazine
 - Executive Magazine
- Stakeholder support
 - Federation of Small Business
 - Scottish Chambers
 - Scottish Tourism Association





RESOURCE EMdent Scottand, a new programme being delivered by Zero Waste Scottand on behalf of the Scottish Government, is helping businesses prepare for the new Regulations.

It offers a variety of user-friendly, informative resources, fixely available online, to help make the transition to the new Regulations as easy and smooth as possible. These include video case studies which demonstrate how organisations of different stress in a variety of sectors have put systems in place and trained staff in propagation for January, a frequently asked questions distaltance which provides instant answers to common questions on waste management and process; and a rural postcode finder which helps businesses determine whether they are required to separate food waste under the formations.

The website features a Business Resource Centre offering easy tools tool up businesses thin weats management services, inducting recycling and reuse organizations, operating in their postcode. There is also a poster creation resource which enables businesses to develop clear signage for recycling bins to ensure their employees understand what and whome to ensure the

For instant access to online resources and indepth information about the new weste Regulations, go to: www.resourceefficientscottand.com/ regulations

Resource Efficient Scotland is encouraging

businesses to speak to their local authority or waste contractor to discuss improvements to their services required for the Requisitions coming in January 2014.

By auditing their waste streams, many companies will find easy ways to reduce costs. Nationally, there are potential savings of £175 million, by reducing landfill costs by £100 million and recovering raw materials valued at £75 million that are currently being thrown away.

bin Gultand, Director of Zero Waste Scotland, said:
"The Regulations are designed to help us realise the truevalue of resources which we our mindy throw away and present an economic opportunity for Scotland, including the creation of geen jobs. We have a range of support available to help over the coming months and would ask thosen eading help to get in touch."

As well as helping businesses propare for the new Regulations, Resource Efficient Scotland is also working with industry to out energy, water and raw materials use.

Scottish organisations could save £2.9 billion every year by using their resources more efficiently. By taking simple is tipe to optimise resourceuse, Scottish erganisations can benefit from in creased cost savings, productivity, and compatitiveness.

For ind Midual companies, Resource Efficient Scribind provides has a coastable, on line guitance, toolsphone support and one-to-one onsite consultancy to help them out costs by implementing resource efficiency actions within their organisations. They also engage with key sectors to identify common opportunities, develop solutions and implementactions, tain Guitand added: "The focus is on implementation not just adveling on what needs to be done but helping those who want to take action – take action. The programme is far-reaching and can offer support to busin esses at different leach."

Working in partnership with Zero Wasie Scotland to raise awareness of the new regulations, SEPAS National Wasie Manager, Adrian Bond, sald:

"The new regulations are a key part of Scotland's ambitious journey to zero waste and, as the principal regulator for waste and the requirement to ecycle, SEFA will have a key role in ensuring businesses become compilant in time for January 2014.

"Over the fast year, the progress made by businesses to engage in recycling has been encouraging and we are conflictnith at the support available from ourselves, Resource Efficient Scotland and local authorities will help drive home the importance of pregaring for the coming changes."

A five online and telephone advice and information service is on offer to all businesses in Scotland, lett www.erscource@cland.com.cai 0808 808 2258 correction and its com.cai 0808 808 2258 correction and in equities; resource@fidentscotland.com

You can follow Resource Efficient Scotland on Twitter gResourceScot