Energy

Insulate and prevent heat loss

This can significantly reduce your energy bills and can be achieved by:

- Loft insulation or insulation boards below a flat roof
- Cavity wall insulation or external cladding
- Double or triple glazing
- Insulation below floorboards
- Draft proofing

Not Applicable
Implemented
Will Investigate

Choose low carbon heating

Options include:

- Electric heating generate your own or purchase 100% renewable
- Use solar gain heating from sunlight through south facing windows
- Solar thermal panels for water heating

Not Applicable

Implemented

Will Investigate

Get Help

Resource Efficient Scotland:
Simple steps to start saving
energy

<u>Carbon Trust: Buildings</u> <u>energy efficiency</u>

<u>InvestNI: Manage business</u> <u>energy and waste</u>

GOV.UK: Energy efficient products

GOV.UK: Energy Technology List for ECA

NetRegs: Energy efficiency

Energy cont.

Generate your own power

Instead of buying all of your energy from suppliers, you can install renewables technology (also called micro generation and low-carbon technology) to generate your own:

- Small scale hydro
- Solar photovoltaics
- Ground or air source heat pumps run on electricity but return about 3 times the energy that they consume
- Wind turbines check location
- Biomass boilers if you have a local supply of wood or other fuel.

Not Applicable
Implemented
Will Investigate

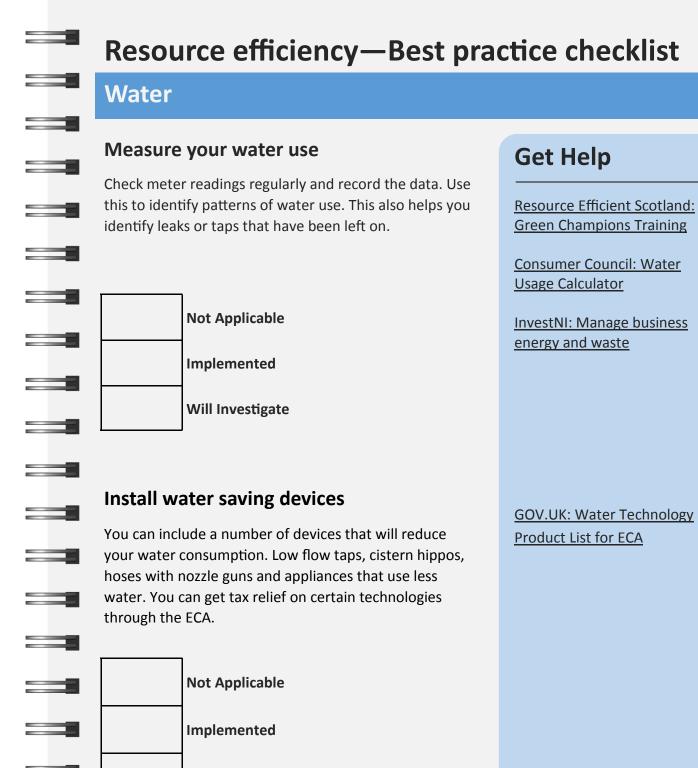
Get Help

Resource Efficient Scotland:
Simple steps to start saving
energy

<u>Carbon Trust: Buildings</u> <u>energy efficiency</u>

<u>InvestNI: Manage business</u> <u>energy and waste</u>

GOV.UK: Energy efficient products



Will Investigate

Construction materials & fixtures

Ensure your designing, construction or retrofit project results in an energy efficient building

The best ways are to specify energy-efficient lighting and other fittings, improve insulation levels and increase airtightness

Not Applicable
Implemented
Will Investigate

Use recycled materials

Re-using materials avoids all the environmental impacts of new manufacture and is a basic principle of efficient resource use.

Not Applicable
Implemented
Will Investigate

Get Help

Carbon Trust: Buildings energy efficiency

Resource Efficient Scotland: Search for surplus materials in your area <u>Construction</u> <u>Material Exchange</u>

Preventing Waste in Construction

Construction materials & fixtures Cont.

Choose materials with recycled content or with low energy requirements

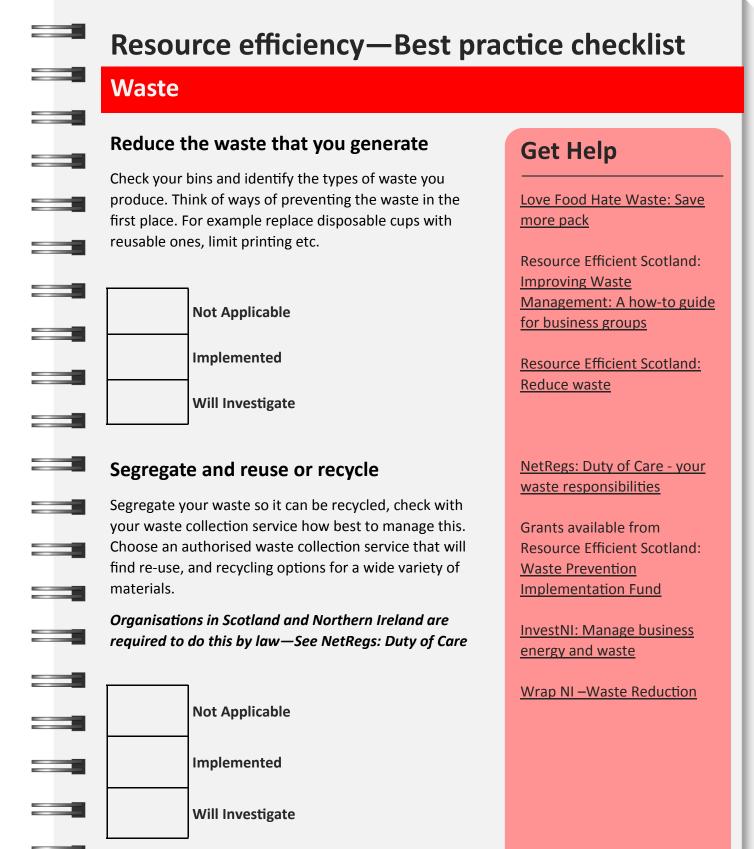
Many materials and components are now available that have recycled content. Try to go for recycled products made from renewable resources. These include concrete that uses fly ash aggregate (PFA), carpets made from recycled plastic bottles, insulation made from recycled paper and paints that contain post-consumer returns.

Not Applicable
Implemented
Will Investigat

Get Help

Resource Efficient Scotland: Construction sustainable procurement guide

BRE 'green guide' to the environmental impacts of building materials



Resource efficiency—Best practice checklist Waste cont. Deal with hazardous/special waste Try and avoid using products and materials that have Get Help

Try and avoid using products and materials that have hazardous properties – they will become hazardous/ special waste at the end of their life. Where not possible e.g. printer cartridges, some light bulbs, used oil, then segregate and have it taken for treatment/recycling at an authorised facility.

Not Applicable
Implemented
Will Investigate

Design products with re-use, recycling in mind

If you make products, think about what happens to them at the end of their life. Can they be refurbished? Can the parts be reused? Are they made of recyclable materials? Avoid making products that will end up in landfill.

Not Applicable
Implemented
Will Investigate

NetRegs: <u>Hazardous/special</u> waste

Zero Waste Scotland:

<u>Circular Economy Business</u> <u>Support Service</u>

The Circular Economy
Investment Fund

Design out waste in construction

Enhance biodiversity

Plan your grounds for wildlife

If you have grounds to maintain, check your local biodiversity plan to see if you can support it. This could mean creating suitable habitat for locally important species. The Scottish Wildlife Trust and Ulster Wildlife Trust can offer support and advice.

Not Applicable
Implemented
Will Investigate

Buildings and property

If carrying out building works, or repairing or renovating property you must minimise your impacts on habitats and the local environment. Never disturb nesting birds and identify bat roosts in buildings. Measures to protect bats must be taken if work is planned on buildings with roosts. Contact Scottish Natural Heritage or DAERA NI for a licence to proceed.

Not Applicable
Implemented
Will Investigate

Get Help

Scottish Wildlife Trust

<u>Ulster Wildlife</u>

<u>Biodiversity Scotland: Local</u> <u>Action Plans</u>

DAERA NI : Biodiversity

NetRegs: Nature conservation

DAERA NI: Wildlife licensing

Resource efficiency—Best practice checklist **Materials Packaging Get Help** If you order goods try to find suppliers who minimise NetRegs: Packaging packaging. You might be able to reuse packaging, if not then check they use recyclable materials. If you package goods yourself, then use the minimum necessary and make sure it is re-usable or recyclable. **Not Applicable Implemented** Will Investigate Waste Electronic and electrical equipment **NetRegs: WEEE** All electrical and electronic equipment must be sent for recycling at the end of its life. You can find the take back scheme that the producer is part of that covers the cost of recycling. **Not Applicable Implemented** Will Investigate

Resource efficiency—Best practice checklist Transport Car parks It is a requirement for large car parks, and good practice for small car parks, to have the drainage from the parking area drained through sustainable drainage systems. This traps pollutants and allows many to be broken down by natural processes. Not Applicable

Low emission vehicles

Implemented

Will Investigate

If you use transport you should make sure that you use vehicles with the lowest possible emissions. This can mean using hybrids, engines that are designed to be very fuel efficient, LPG, or electric vehicles. You can get advice from the Energy Saving Trust on a range of transport issues.

Not Applicable
Implemented
Will Investigate

NetRegs: Reducing vehicle emissions

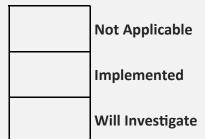
Energy Saving Trust Scotland: Transport

Transport cont.

Travel plans: for staff and for visitors

Find out how your staff or members travel to your site.
Can you make it easier for them to adopt active travel,
such as cycling? Providing secure cycle racks and showers
can make a difference.

Provide information about public transport options for travel to and from your site and make this available to staff, members and the general public.



Get Help

<u>Indirect: active travel and</u> <u>sustainable transport</u>

Traveline Scotland

NetRegs: Travel plans and green transport

Translink: Getting Around

Scottish Landfill Communities Fund applicants only—

Once you have completed checklist you will be able to download a certificate of completion which you should include with your funding application. This certificate provides you with the opportunity to include a written commitment to a implementing a RE measure(s) as part of your project work. You should state how this objective will be By doing this you will have demonstrated to your applying AB that you have met the RE eligibility criteria for SLFC funding