



SFHA Property Repairs & Asset Management Conference 2018

How to go green without costing the earth

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The logo for SIDEY is positioned at the bottom right of the slide. It features the word 'SIDEY' in a large, bold, red, sans-serif font. The letters are partially overlaid by a thick horizontal bar that is red on top and black on the bottom. To the right of the word 'SIDEY', there is a small black square.

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Going green doesn't have to cost a lot of money.

Sidey is the strongest manufacturer of windows and doors in Scotland. Working with many Housing Associations for newbuild, refurbishment and ongoing repairs, Sidey's fresh approach to the environment gives customers the best service.

Sidey's environmental success comes from its initial decision 10 years ago, when it chose to prioritise it within all aspects of business. Sidey is now recognised as a leader in this field and has recently been named as a finalist in the Scottish Environment Business Awards.

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We added sustainability to our Vision Statement

Vision Statement

The purpose of a strategy is to support the efforts of the Board of Directors and the Executive Team to build a sustainable business that achieves its long-term vision
Everything we do throughout the company will be founded on the Sidey Core Values

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Going green doesn't have to cost a lot of money.

Using Sidey's experience, we will look at ways to reduce waste, get leaner and save money whilst ticking the boxes for creating a greener and better environment for everyone.

Today we will share our experience of how to prioritise activities to get the biggest gains for Housing Associations and the environment.

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Get the accreditations.



We've found it's good for business.

New ideas come from the process in getting the accreditation.

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How we started.

We had to break down everything we needed to do.

We made a commitment to address any environmental issues. We started with an audit of the current situation and created the Register of Aspects and Impacts.

Areas we include in the register are:

- Water & Waste Water
- Waste
- Storage and Handling
- Atmospheric Conditions
- Production / Manufacturing
- Vibration
- Abnormal / Emergency
- Other – Noise

These were split down into smaller sections and we also looked at the actions that would need to be taken – control measures, procedures and emergency procedures where necessary.

We then split each area down further into sections that we could measure.

We created a scoring system:

- Frequency & Consequence – which we scored out of 5

These are added together to give score A

Then we scored for:

- Interested parties, Legal Compliance and Financial – again out of 5

These were added together to give score B

Then we multiplied score A and score B together to create a total score.

What this gives is a score for the level of significance and we were able to order them into things that would make most impact on our business and the environment.

It meant we could go for the big wins first.

Where we were - waste, water, fuel.

Top priorities - biggest first

Register

Evaluate

Measure

Review

Monthly monitoring and annual assessment



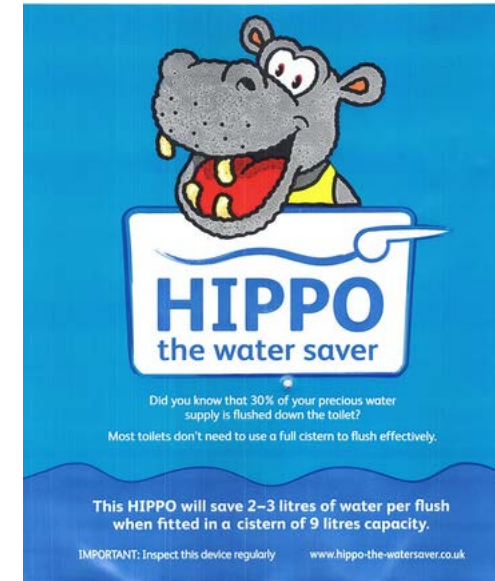
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There also might be some quick wins.
For example – **water!**

Like water savers in loo cisterns
at less than £2 each!

<https://www.savewatersavemoney.co.uk/products/view/803/hippo-9-the-water-saver.html>



Now £1.49

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There also might be some quick wins.
For example – **electricity**

Action:

- Use LED lighting or LED replacement bulb technology.
- Use IR switches where appropriate.
- Education.
- Modern equipment & machinery.

For example – Fossil Fuels

Fossil fuel use – has a level of significance of 96.

Action:

- Heating systems and machinery.
- Monitoring fuel consumption for vehicles.
- Use route planning software.
- Ensure fleet meets latest emission standard (Euro 6)
- Look at biofuel/hybrid/electric possibilities.

Measure the results.

10 years in the making:
Our results in numbers

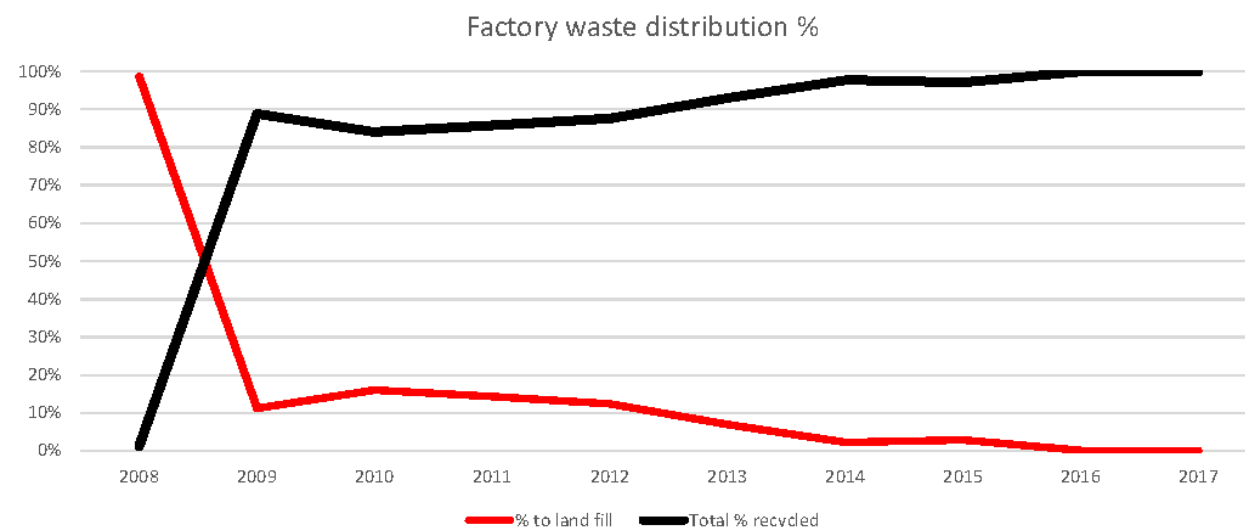
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E.G. Factory Waste Results

	Total Factory Waste Produced tonnes	Total landfill tonnes	Total Recycled (Tonnes)	% to land fill	Total % recycled	Carbon Saved (Tonnes)
2008	560.00	553.00	7.00	98.75%	1.25%	20.30
2009	456.39	51.00	405.39	11.17%	88.83%	1175.63
2010	1382.24	221.00	1161.24	15.99%	84.01%	3367.60
2011	1060.84	151.00	909.84	14.23%	85.77%	2638.54
2012	707.61	87.65	619.96	12.39%	87.61%	1797.88
2013	460.95	31.98	428.97	6.94%	93.06%	1244.01
2014	514.34	11.44	502.90	2.22%	97.78%	1458.41
2015	324.56	9.32	315.24	2.87%	97.13%	914.20
2016	482.10	0.05	482.05	0.01%	99.99%	1397.95
2017	297.11	0.00	297.11	0.00%	100.00%	861.62
10 year totals	5466.93	1116.39	4350.54	20.42%	79.58%	12616.57
5 year totals	2079.06	52.79	2026.27	2.54%	97.46%	5876.18
3 year totals	1103.77	9.37	1094.40	0.85%	99.15%	3173.76



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In 2017, we achieved 100 percent recycling from manufacturing waste.



All glass and PVCu products are manufactured using a large percentage of recycled materials.

Any timber used is sourced through The Forest Stewardship Council certification scheme.

Engage with suppliers who, where possible, are BES6001 certified (*Responsible Sourcing of Construction Products*)

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0% landfill from manufacturing.



- We require written commitment from our waste management companies to ensure that zero waste goes to landfill so far as reasonable and practicable.
- We check the evidence on a regular basis through monthly weighbridge data.
- We care about all materials including the removal of old products. At the end of life, every effort is made to reuse materials and we adopt a proactive approach to ensure that zero materials go to landfill.

A lot of the changes pay for themselves: 2016 – 2017 savings:

- **Manufacturing:** -£79,239.56
- **Heating and lighting:** -£7,529.77
- **Water:** -£649.74
- **Total saved:** -£87,419.07

- We proactively promote sustainability at all levels of our business. Our dedication to the environment doesn't stop with us.
- We also have a robust and comprehensive process for sub-contractors installing our products to deliver the same high standards on site.
- We work in partnership with our clients' stakeholders and interested parties by promoting a sustainable environment.
- This also helps housing associations, RSL's, councils, developers and clients increase their environmental commitments.

Finalist in **VIBES**



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Sidey hasn't done this in isolation.

We spread the word to give benefits to the community as a whole.

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Thank you for your time.
Any questions?

Contact rf@sidey.co.uk

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