

Your contribution to reducing environmental damage

Emily Charters

CO2Sense

Emily.charters@co2sense.co.uk

0113 2378434

co₂senseTM

carbon sense 2 commercial sense



Who we are:-

“Helping businesses and organisations prosper in the low carbon economy”

- Not for profit low carbon experts
- Advice on carbon reduction, resource efficiency and renewable energy
- Access to finance

What should I be doing?

Mitigation

Actions which reduce environmental impact and carbon emissions.

Adaptation

Actions which change your business so it is able to withstand changes to the climate and the economy.

- Effluent
- Skips
- Landfill charges
- Air pollution charges

VISIBLE DISPOSAL COSTS

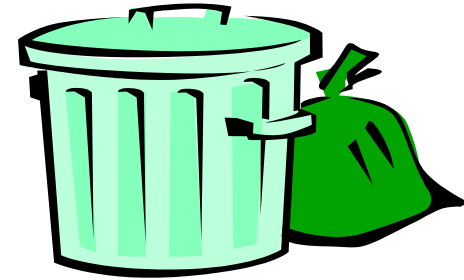
INVISIBLE COSTS

- Energy use
- Utility use
- Raw materials
- Labour
- Handling and storage
- Transportation

- Maintenance
- Time
- Effort
- Production capacity
- Rework
- Lost profit

THE TRUE COST OF WASTE = 4% OF TURNOVER

Where to find waste



Energy facts

- Leaving a photocopier on overnight uses enough energy to print over 5,000 A4 copies.
- If you reduce the temperature in your buildings by 1°C you can cut your heating bills by ~8%.
- A compressed air leak of 3mm could cost £700 a year

The waste hierarchy

- In groups think about a waste type produced by your business
- Discuss how it could be moved up the waste hierarchy

THE WASTE AND RESOURCES HIERARCHY

ELIMINATE



Avoid using resources and producing waste in the first place

REDUCE



Minimise the amount of resources used and waste you produce

RE-USE



Use items as many times as possible to save resources

RECYCLE



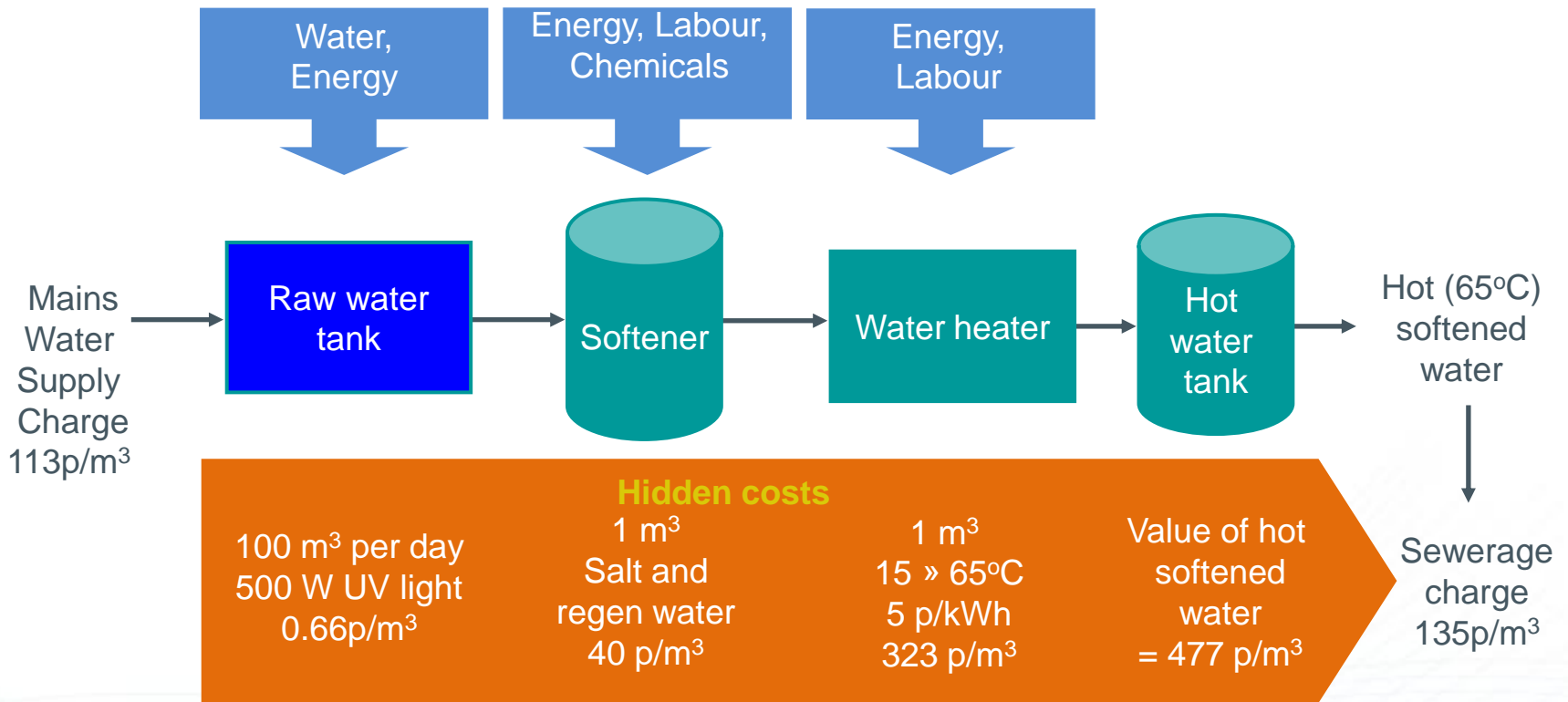
Recycle what you can only after you have re-used it

DISPOSE



Dispose of what's left in a responsible way

Hot water - hidden costs



**Total cost of 'wasted' hot water
= £6.12p/m³**

Question

- What are you already doing in your business to:
 - 1) reduce energy bills?
 - 2) cut water use?
 - 3) reduce the amount of waste you produce?

Environment

VOUCHER

A free two day environmental review.
Up to £8,000 towards 50% of capital
costs for environmental improvement.

co₂senseTM
carbon sense 2 commercial sense

***“The support has made time and
expertise available, we’re now on our
way, saving money and going green”***

co₂senseTM
carbon sense 2 commercial sense

BAWCO

The Bradford Armature Winding Company Ltd



Resource Efficiency

Electric and oil heating systems replaced with energy efficient options in workshops and offices.

Savings of 32 tonnes of carbon every year.

Running costs reduced by £5,940 per year.

Improved the working environment for staff.

“The project not only reduced our energy costs, but also improved the working environment and made significant cuts in our carbon emissions. We want our company to be as green as possible, so the investment and support was vital to help us to do this.”

CO₂sense™

carbon sense 2 commercial sense