



# Nevis Range – Save Carbon, save money



# Why reduce carbon usage?

- A businesses being affected by climate change – not lack of snow but big fluctuations in temperature and appears to be increasingly stormy. We believe it will affect you all sooner or later.
- It makes business sense because it stops wastage and usually saves money



# Energy - power bills

Investment Large

Investment small

Modify behaviour

- Woodfuel boiler – save at least £3k per year to heat a larger building and it is warmer- over 30 tons of carbon saved
- Condensing dishwasher- saving £1.5k per year

# Energy – Power bills

- Investment in small things like timeclocks and automatic light switches
- A multitude of behavioural changes – switch things off, reduce waste of hot water – need champions
- Usage reduced from 760,000 kW hours to an average of 600,000 = saving of **£16,000** per annum
- **Monitor your usage**

# An example: Computer- 'its only 50 watts'

- Left on overnight 15hrs x 50Watts x 365 days costs approx £33 per year.
- Switch it off at the wall. Continues to use power even when switched off - save another £30.
- How many computers do you have?

**Tip: What can you switch off at the socket?**

Multiply small savings for each light, TV, charger, cooker etc.

- Even things which use 6 Watts cost you £5 a year. Nothing? until you calculate that you have 50 of them plugged in at your office.

# More Examples - catering

## Display fridges

- Don't accept free ones unless rated as A. They will cost you.
- Do you need to leave on overnight?

## Hot water boilers, coffee machines

- Are they insulated?
- Do you need to leave them on overnight ? Cost to heat up versus overnight saving?



# Waste – how much?



# Waste

- Green bin
- £26.29
- **£1367** per year
- Blue bin, bottle collection or cardboard cage 14.14
- **£735** per year

Investment – composter with help from LEG

- 1 ton food waste to landfill = 600kg of carbon
- 1 ton to compost = 6kg
- Save wheelie bin costs





# Get your staff and customers to help



- Modifying behaviour is probably the hardest but there is no capital cost and it multiplies because people take the ideas home

# It is all too confusing?

- Get advice – its probably in your inbox and it is probably free
- If buying anything with a motor – Use the ETL list to get ‘enhanced capital allowances’ – refrigeration, motors, hand dryers, air conditioning. It saves you tax. Google it and tell your accountant
- Then move on to transport – lots of savings to be made there.

# Questions?

