CARBON TRUST STANDARD

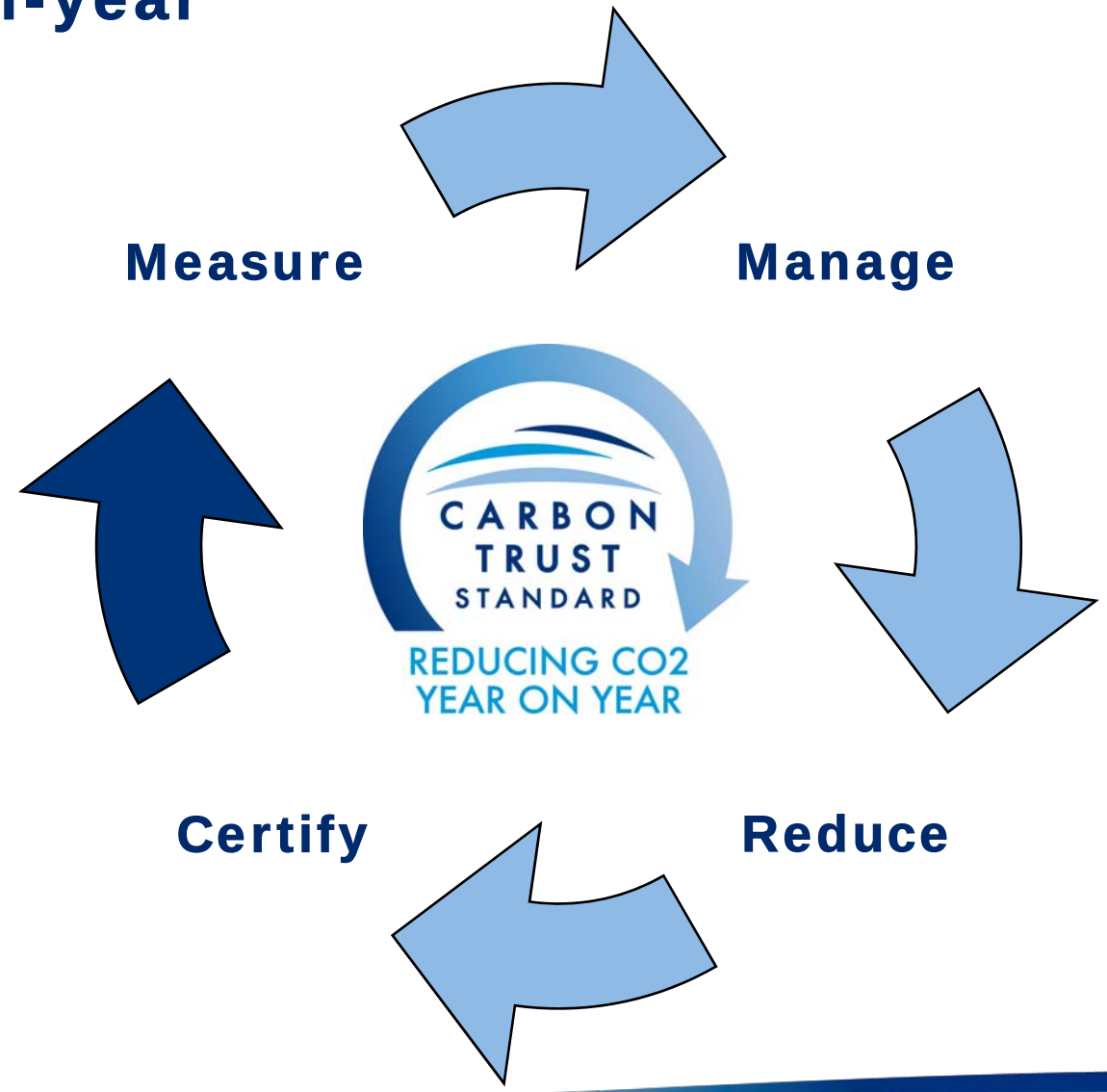
REDUCING CO2 YEAR ON YEAR

Recognition for real carbon reduction

Delivering the Carbon Reduction Commitment – 24/03/09

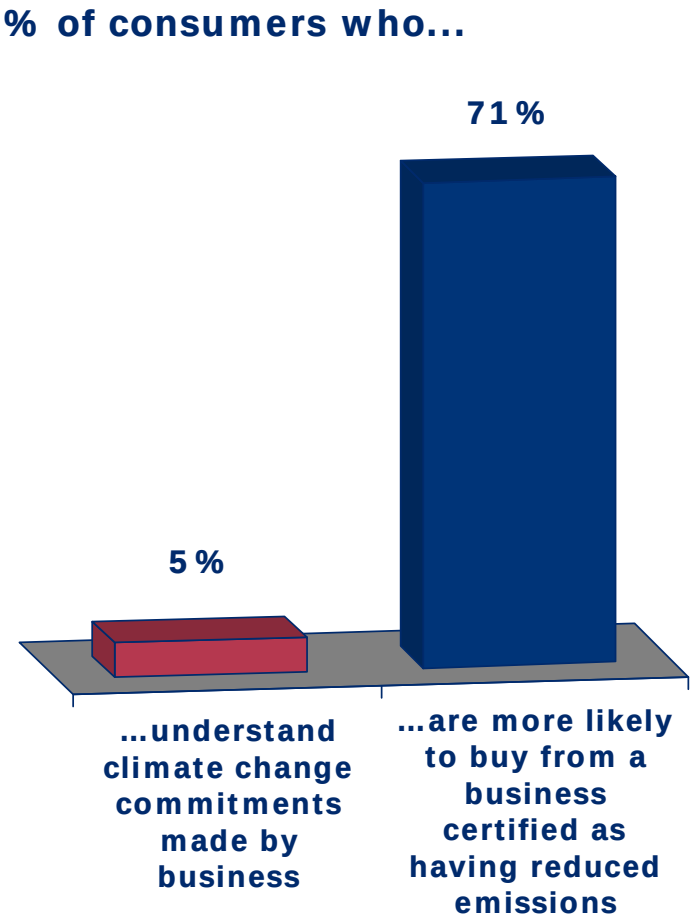
Henry Garthwaite

The Carbon Trust Standard: demonstrating ongoing reduction year-on-year



The Carbon Trust Standard: promoting your success in cutting carbon

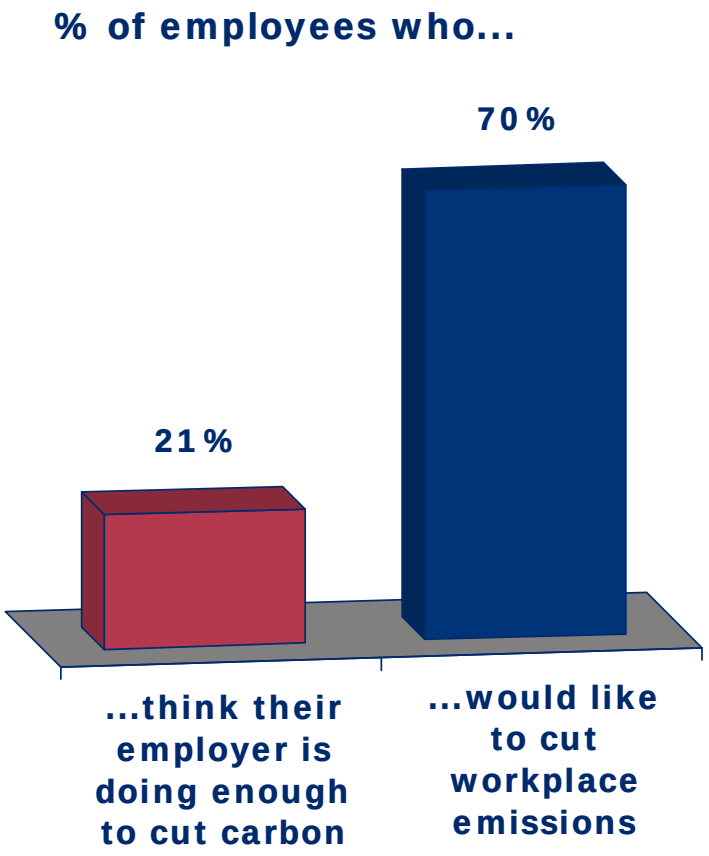
- Surveys show that many consumers would like to buy from 'green' companies, but are confused by claims made by businesses
- Companies and the public sector are also increasingly considering carbon impact when choosing suppliers
- For investors carbon management has become a part of the due diligence process
- The Carbon Trust Standard proves an organisation has made genuine cuts in its emissions



Source: Carbon Trust YouGov survey of 1968 UK adults, June 08

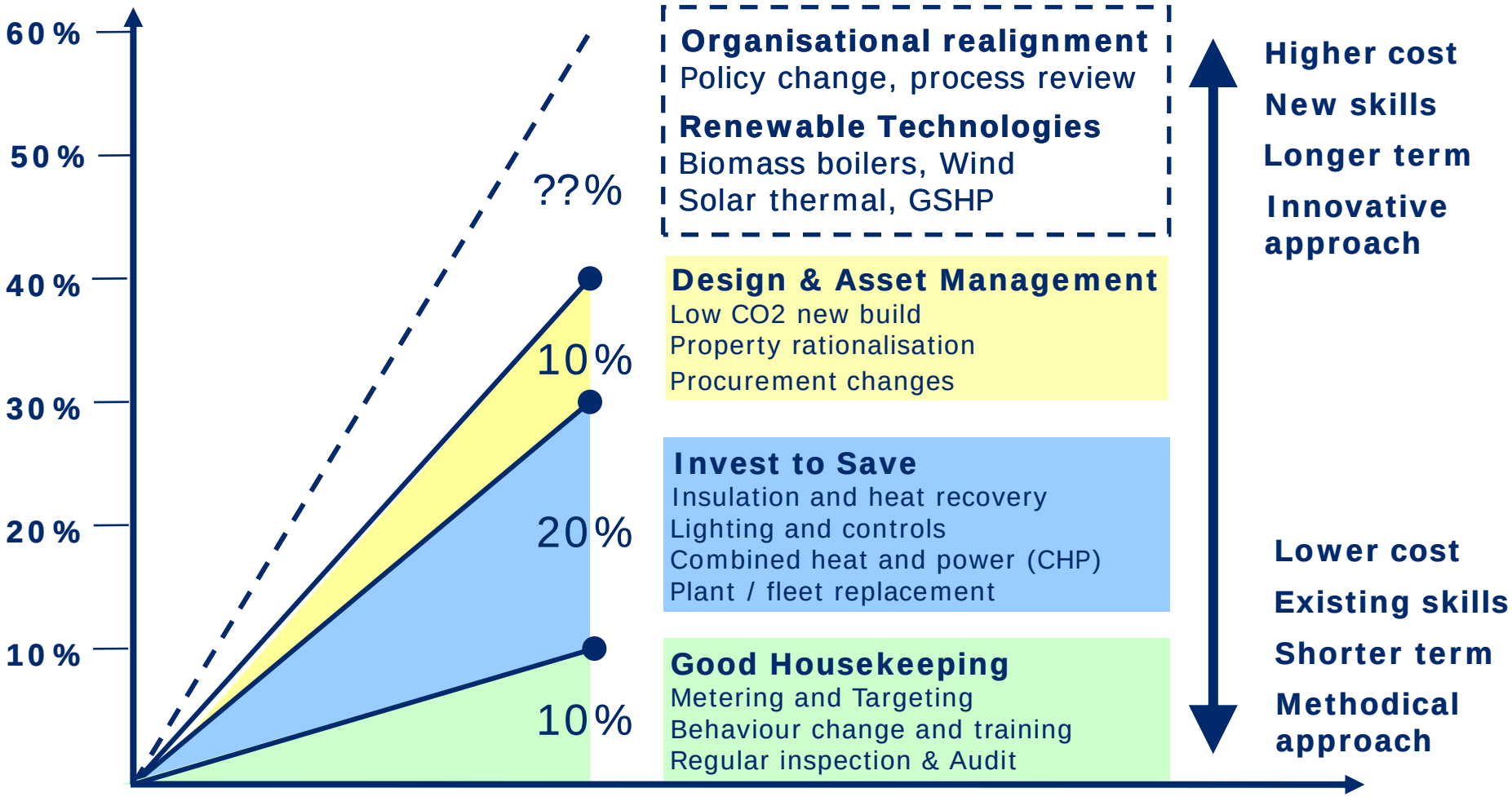
The Carbon Trust Standard: communicating success to employees

- The majority of employees would like to cut workplace emissions, and don't think their employer is doing enough
- The Carbon Trust Standard helps reward employees for the contribution they have made to cutting carbon



Source: Carbon Trust YouGov survey of 4,327 UK adults, March 08

How can targets be met?



Carbon footprinting: defining the operational boundary in GHG protocol terminology

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Scope 1: Direct

- Fuels Combustion
- Owned Transport
- Process Emissions
- Fugitive Emissions

Scope 2: Utilities - indirect

- Purchased electricity, heat and steam

Scope 3: Other indirect

- Transport – business
- Transport – purchased product*
- Transport – product distribution*
- Waste disposal
- Transport - commuting
- Leased assets, franchises and outsourcing
- Production of purchased materials
- Use of products

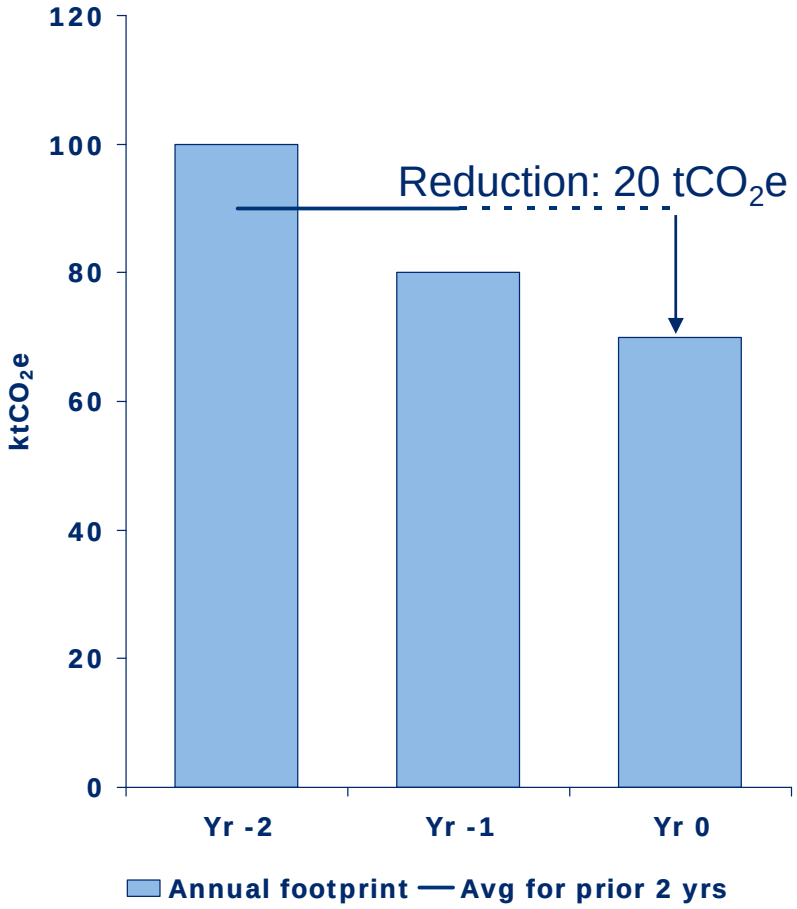
= Level 1 (initial certification)

+ = Level 2 (re-certification)

* From / to point of ownership transfer

Carbon Trust Standard: Reduction

- All organisations must show a footprint reduction
- Current emissions are compared to the average for the prior 2 year period
- Two measurements are required:
  - Absolute footprint in tCO_2e
  - An intensity benchmark (e.g. tCO_2e/£m turnover)
    - 2.5% per annum improvement required
- The organisation may choose assessment on an absolute or relative benchmark basis



Carbon Trust Standard: Management

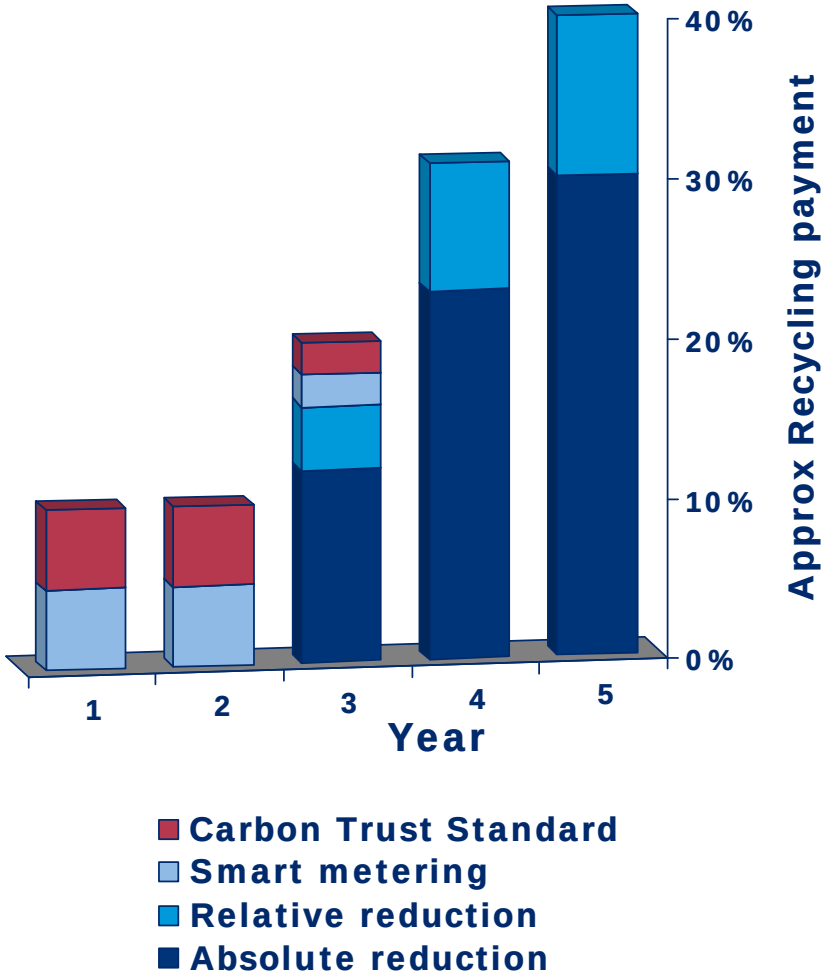
Qualitative assessment with a 60% pass mark

- **Governance**
  - Is there a low-carbon policy?
  - Who has overall responsibility for climate change?
  - How are emissions and reductions performance reported to stakeholders?
- **Carbon accounting**
  - Are there procedures for checking and documenting emissions and ensuring data accuracy?
- **Carbon management**
  - Are there carbon reduction targets?
  - What programmes are in place to ensure operating procedures minimise carbon impact?
  - Are there awareness programmes and training for all staff?
  - What capital investments have been made and are planned to reduce carbon impact?
  - What programmes are in place to reduce lifecycle impacts of products and services?
  - Evidence of good practice from site visit?

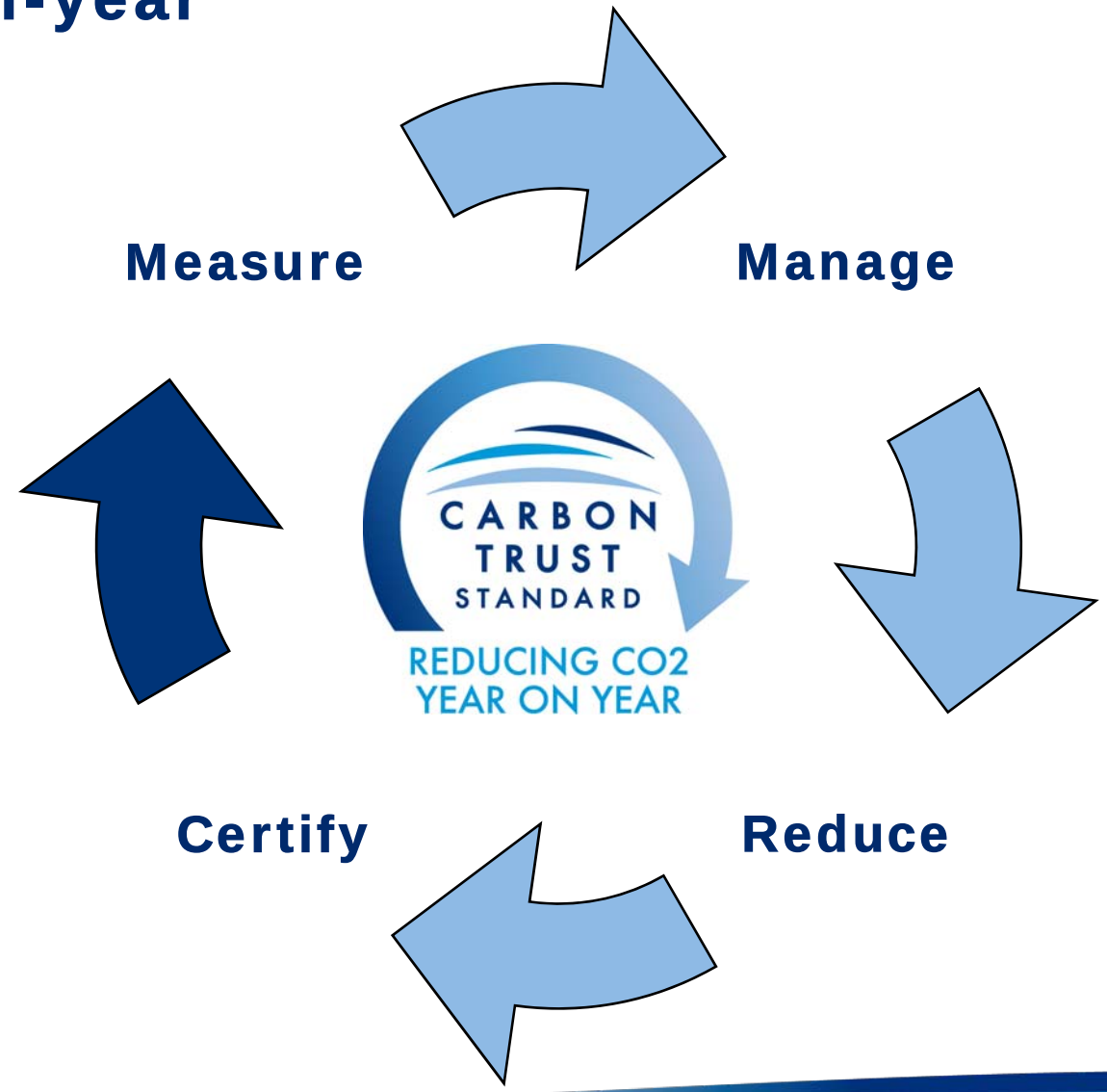
The Carbon Trust Standard is linked to initial CRC recycling payments

- Achieving the Standard will:
  - Boost league table ranking
  - Increase cash back through recycling
- Achieving certification now gets 2011 benefit

- £1.3m bill
  - 10,000 tCO2e
  - £120k allowances p.a.
  - £240k 1st purchase
  - £48k at stake



The Carbon Trust Standard: demonstrating ongoing reduction year-on-year



Public Sector Clients

- Perth & Kinross Council
- Woking Borough Council
- Kent County Council
- Highland Council
- Fife Council
- City of London
- Durham Constabulary
- Humberside Police
- Merseyside Police
- West Mercia Constabulary
- Lancashire Fire & Rescue Services
- London Fire & Emergency Planning Authority
- North Wales NHS Trust

Comment from our Clients

"Achieving the Standard is a clear sign that your business is serious about reducing the impact it has on the environment."

Chris Pilling, Head of Direct Banking at HSBC (FirstDirect)

"The Carbon Trust Standard allows us to demonstrate real carbon reductions year-on-year, unlike other environmental award schemes."

David Owens, Chief Executive – Thames Water

"You simply won't get it just for creating a few spreadsheets – genuine action is required, combined with a demonstration that the board is fully behind it."

Mark James, MD, Branstons

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www.carbontruststandard.com

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