

'Exhibiting today on stand 262 – Imperial Suite'

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understanding energy

Who are Inenco?

- Utilities Consultancy
 - Energy ,Water, Telecoms
- Established 1968
- Part of Spice Plc (FTSE)
- Based in Lytham St Annes
- 180+ Specialist staff
- UK, Europe, US and further...
- Saturn Energy, Energy 2000, NIFES
- ISO 9001.2000 Accredited
- Carbon Trust Accredited
- FSA Accredited.





'Manage the risk - maximise the opportunity'

Carbon Reduction Commitment

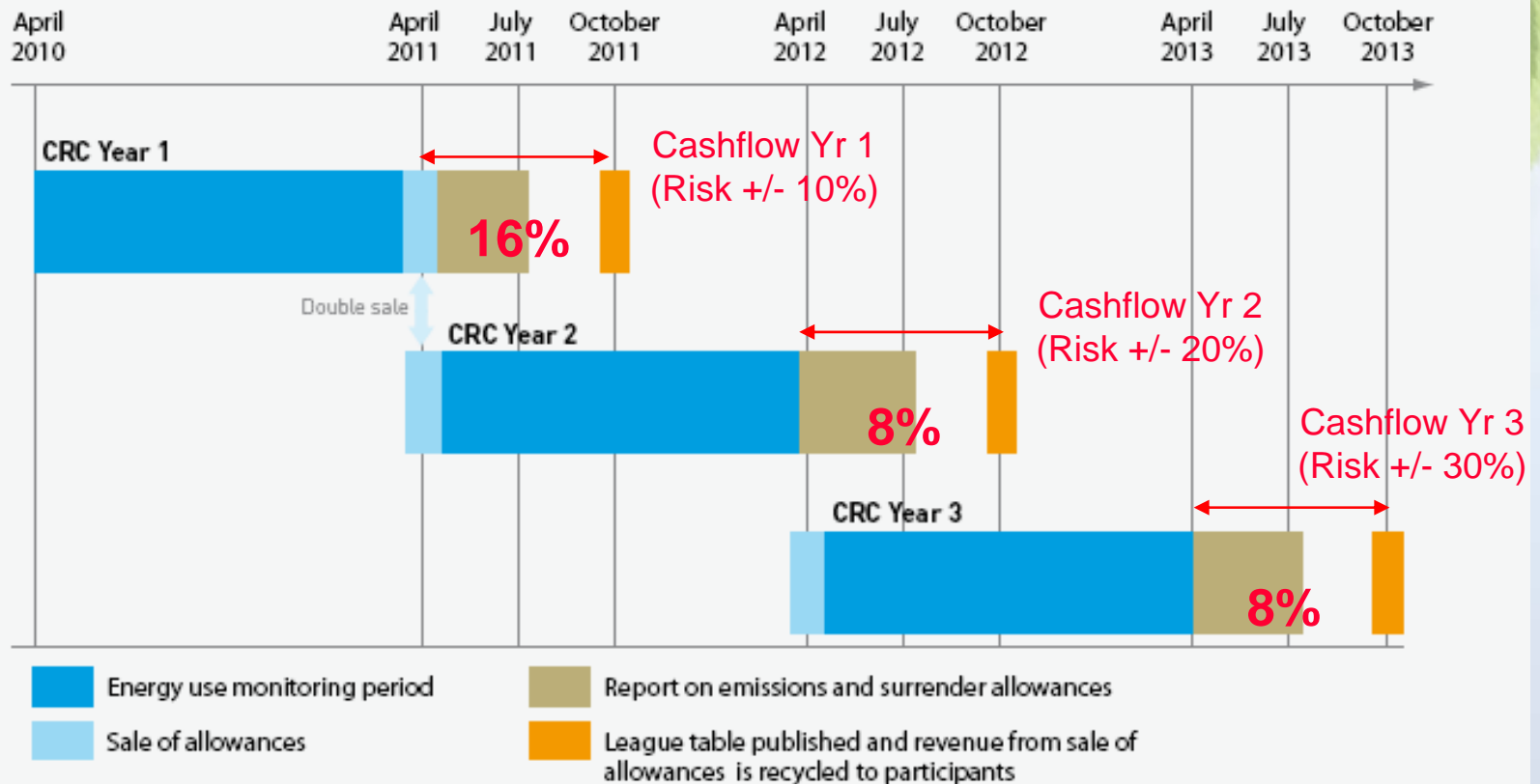


understanding energy



- It can take 25 years to become a Grand Master at chess and you will never have the perfect strategy
- You have 6 months to be ready for the CRC
- How will you build a winning strategy?

CRC Finance Strategy



Note: CRC organisations will have approximately 16% of energy spend tied up in Allowances for the first 6 months CRC year 1 and then 8% for the first 6 months of the following CRC years

CRC League Table

Weightings for League Table position

	Organisation	Allowance Return
1	Best Company	Allowance back +10% yr 1 up to +50% yr 5
2500	Average Company	Allowance back No bonus
5000	Worst Company	Allowance back -10% yr 1 up to -50% yr 5

Reduction Metric – 60%
Rolling 5yr CO₂ emission reductions

Early Adopter Metric – 20%
Completeness of AMR & CT Standard attainment
Additional disclosures

Growth Metric – 20%
Ratio of growth to emissions

CRC League Table

Weightings for League Table positions

	Year 1 Apr 10–Mar 11	Year 2 Apr 11–Mar 12	Year 3 Apr 12–Mar 13	Year 4 Apr 13–Mar 14	Year 5 Apr 14–Mar 15
Metrics					
Absolute	0%	60%	60%	75%	75%
Growth	0%	20%	20%	25%	25%
Early Adopter	100% (CT Standard 50% AMR 50%)	20%	20%	0%	0%
Cost of Carbon / tonne	£12 Double purchase	£12	£12	Auction	Auction
Recycling Plus/minus	+/-10%	+/- 20%	+/- 30%	+/-40%	+/-50%

Has your organisation got a CRC strategy?



'Manage the risk - maximise the opportunity'

CRC Strategy Report

Cost/Reputation/Regulation

Delivers the 3 aspects of CRC strategy:

1. Compliance Strategy
2. Improvement Strategy
3. Trading and Procurement Strategy

The Outputs - Your bespoke action plan for implementation

- The Strategy Report – short/medium/long term planning
- Overview of where your organisation currently sits
- GAP Analysis for the achievement of the CT Standard

CRC Strategy Report

Cost/Reputation/Regulation

Compliance Strategy

- **Monitoring** - AMR, sub-meters, BEMS
- **Reporting** - periodic, on-line, performance
- **Certification** – GAP analysis/achievement of the CT Standard

Improvement Strategy

- **Carbon Management** - awareness, training, systems
- **Improvement Projects** – e.g efficiency technologies
- **Generation** – On-site - CHP, Wind, Solar, Biomass

Trading and Procurement Strategy

- **Procurement** - true green, pale green, GQCHP
- **Carbon Trading** - uncapped fixed / capped auction



CRC Strategy Workshop

Strategy implementation planning



- Debate and agree Strategy
- Develop Implementation Plans
- Assign Roles & Responsibilities
- Establish CRC Action Plan

Energy Carbon Footprint

Output and Potential CRC Cost

Projected Carbon Commitment Summary

Fuel	Total Energy Use (kWhs)	Total Energy Cost (£)	Carbon Output (tonnes)	Carbon Cost (£12/tonneCO ₂)
Elec	11,111,111	£1,000,000	6,046	£72,557
Gas	33,333,333	£1,000,000	6,119	£73,432
Total	44,444,444	£2,000,000	12,166	£145,989

Example based on £1M gas and £1M elec spend

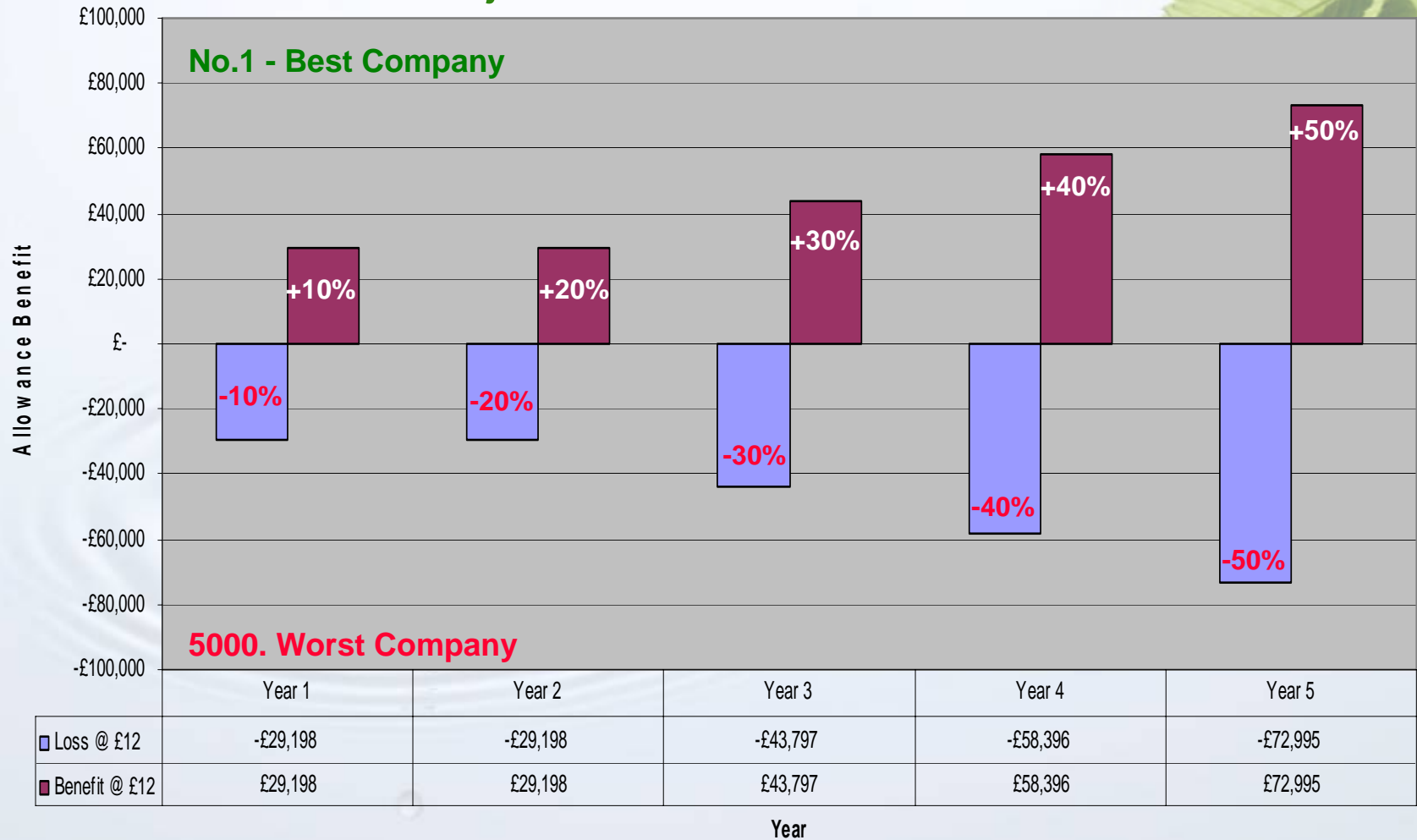
Assuming gas at 3p/kWh and Elec at 9p/kWh

Return must cover 90% of core emissions. Core is all HH elec, all 05 – 08 NHH elec and all gas over 73,267kWh

The consumptions for all manually read meters read less than every other month must be increased by 10%

CRC Benefit

Benefit vs Loss Projection



Annual Energy Footprint & Carbon Trading Reports

Mandatory CRC reports

6.0 RESULTS

From the data collected it is estimated that during the period June 2007 the greenhouse gas emitted by Visitor Value UK Operations is 32,271 tonnes of CO₂ as shown below.

Survey 01 Results (June 2007) (kg CO₂e)

Table 3 by general activity respectively

Source of Emission	CO ₂ (tonne / Yr)
Premises - Electricity	10,420.00
Premises - Gas	2,236.24
Premises - Generators	2.42
Company-owned Petrol Cars	420.79
Company-owned Chauffeur Driven	41.07
Company-owned Vans - Diesel	36.07
Business Travel - Privately Owned Cars	1,409.63
Business Travel - Car Hire	949.16
Business Travel - Railways	222.02
Business Travel - Taxi	2,640.49
Business Travel - Train	2,022.66
Business Travel - Bus	269.72
Business Travel - Air	10,259.02
Waste	730.00
Total	32,271.38

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Carbon Assessment Report

31 October 2007

Product ID: Survey Reference (SER/PO) Country
 Date: 31 October 2007
 Status: Final

Questions

