

Synergy Health plc

Carbon Reduction and Management Business Plan

May 2010

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Executive Summary & Recommendations

In the UK Synergy has a statutory obligation to participate in the Carbon Reduction Commitment Energy efficiency Scheme which commences in 2010. The scheme is designed to reduce CO₂ emissions in the UK by 50% of the 1990 baseline by 2050. In April 2011 Synergy will be required to purchase one year's worth of emissions allowances, c. £365k, based upon its carbon emissions in the baseline year 2008. The allowances will be returned in October 2011, plus additional reward for achieving an improved position in the carbon league table, or less deductions for poorer performance. Success in the CRC scheme will ultimately deliver emissions, consumption and cost benefits.

The businesses outside the UK are not subject to the CRC. However, the non-UK businesses account for almost 60% of the group's utilities expenditure, excluding fuel, and therefore it is expected that there are significant opportunities to reduce emissions, consumption and, therefore, costs, in these countries too. The non-UK businesses are considered in this plan too, with reduction objectives identified.

The budgeted group expenditure for utilities and fuel for 2010-11 is c. £16.24m including fuel and £13.87m excluding fuel. The former is split between UK at c. £7m and non-UK sites at £9.20m.

The recommendations set out in this report are:

- Ensure compliance with UK legislation by registering with the CRC scheme and achieving Carbon Trust Standard accreditation.
- Continue the work of the Carbon Management Group to oversee, co-ordinate and direct carbon emissions and utilities consumption measures in the UK. Through specific members of the group extend the process to non-UK sites on a formal basis.
- Set a relative carbon reduction target for 2010-11, with measurable KPIs for business and site managers, with a minimum target of 2.5% emissions reduction over 2009-10 levels. The target will be implemented in both UK and international sites.
- Implement actions from site surveys/ audits carried out thus far and re-audit sites in September 2010 to ensure and measure progress as well as determine new opportunities. The formal audit process is to be extended to non-UK sites.
- Build upon the training and awareness of carbon reduction as an important issue for all employees by reiteration of objectives and providing monthly reports to each site about performance. Appoint a member of staff at each site to act as an energy champion.
- Investigate in greater detail alternative energy sources and technologies for existing and new facilities to be in a position to take advantage of these if they deliver a cost benefit.
- To review logistics' operations across all businesses.
- Create a global data collection system to record and monitor consumption, costs, emissions and variances to feedback to businesses about carbon management performance.

Introduction

The following plan sets out the objectives for the businesses within the group, both the UK and international sites, to achieve a relative 2.5% reduction in carbon emissions, from 2009-10 levels, and deliver a consequent utilities' consumption reduction.

The requirements of the Carbon Reduction Commitment Energy Efficiency Scheme in the UK have changed, as a consequence of lobbying and amendment to reflect industries' interests as well, possibly, as a result of the economic turmoil of the last 12-15 months, though they have not gone away. Synergy, as a large consumer of utilities, particularly gas and electricity, and generator of carbon emissions, still has a statutory obligation to comply with the CRC in the UK. Beyond the UK there is a drive to develop Synergy's presence, particularly in China where the potential for growth in a strong and developing economy is very high over the next five years. The non UK businesses account for almost 60% of total utilities expenditure, excluding fuel, and therefore represent a significant opportunity to reduce emissions and costs.

To achieve compliance with CRC in the UK, and avoid penalties for poor performance, as well as contribute to the competitiveness of the business to help deliver growth it is vital that Synergy continues to address the consumption of utilities and, therefore, sources of carbon emissions.

Changes to UK's Carbon Reduction Commitment Energy Efficiency Scheme

As above, the CRC Energy Efficiency Scheme is UK specific. A small point to note is the change of the scheme's name to that given immediately above. The scheme still comes into being in April 2010, with organisations captured by the scheme still required to register between April and September 2010. If organisations do not register in time they are subject to a daily fine until registration is completed.

There are four principal amendments to the scheme at this time, moved from 2010:

- The first sale of allowances will take place in April 2011 to cover the following year's emissions (forecasted).
- Only one year's worth of allowances are to be purchased rather than the two originally proposed under the scheme, c. £365k.
- Each organisation must submit its Footprint Report by July 2011 and allowances must be surrendered by this time.
- In October 2011 the first Recycling Payment will be made with organisations receiving their allowances plus or minus the bonus or penalty payment depending upon their performance in the league table.

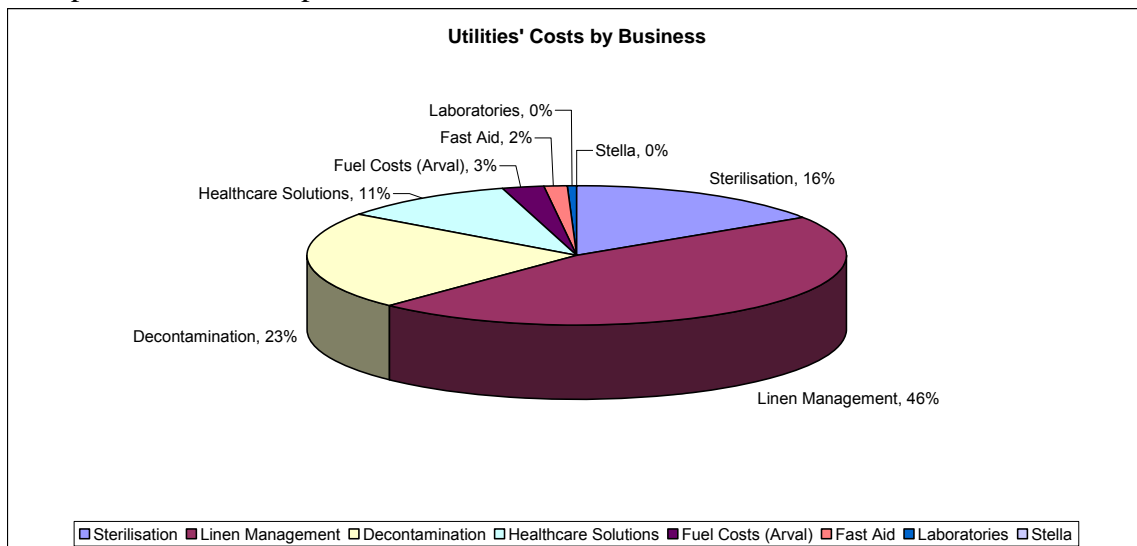
Performance in the league table in the first year is still driven by two key factors:

- Installation of AMR and HH metering- this is done for gas and electricity in relevant sites in UK, except gas at Knowsley and Larch Mill and will need to be included in the Leicester and Sheffield sites.
- Accreditation to Carbon Trust Standard

Accreditation to the Carbon Trust Standard is a paper and organisational behaviour based exercise. The participant is required to demonstrate a reduction in consumption/ emissions over three years, with Year 1 being 2007. The reduction can be absolute or relative, recognising that businesses change over time, as is evident from the effect of Knowsley and Suzhou on overall emissions in 2009-10. The cost of accompanied accreditation is £10k but will be self funding as that money can be recovered through improved positioning in the October 2011 league table. A data assessment is the first step in the process to determine whether the business can achieve accreditation (emissions or evidence of improvement could be an issue precluding accreditation).

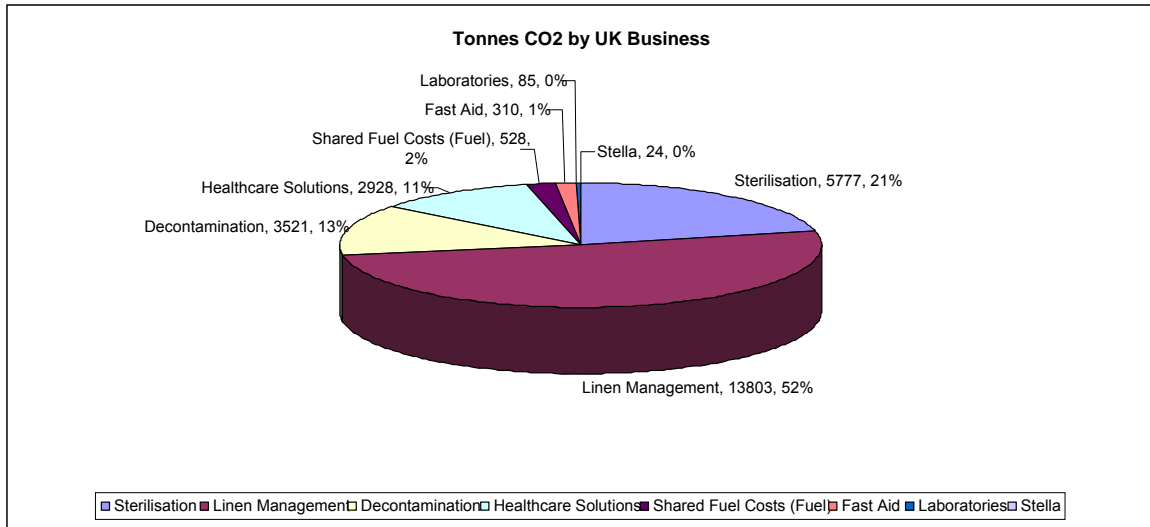
CRC Allowances are still to be purchased at £12 per tonne. Synergy's emissions in the footprint year, 2008, is 30,416 tonnes CO₂. The boundary definition for the carbon footprint remains unchanged, arising as a direct result of operating processes and buildings but excludes third party logistics fuel costs. The footprint and boundary definition are shown in Appendix 1. The cost of purchasing allowances is £364,980 in Q1 of 2011-12.

The split of utilities' expenditure in the UK is shown below.



On the same basis the figure below shows the UK split of CO₂ emissions by business. This data can be used to pro rata consumption, and consequent minimum emissions reduction targets for the UK businesses/ locations.

The emissions' reductions set out in the tables below are based upon 2009-10 emissions levels calculated from gas and electricity kWh consumption.



An indicative 2.5% emissions reduction per UK business is shown in the table below.

UK Business	t CO2	t CO2 ↓ 2.5%
Sterilisation	5777	144
Linen Management	13803	345
Decontamination	3521	88
Healthcare Solutions	2928	73
Shared Fuel Costs (Fuel)	528	13
Fast Aid	310	8
Laboratories	85	2
Stella	24	1
Total	26976	674

For the non-UK business locations the table below shows a split of 5% target emissions reductions by country or business. It is worth noting that in the Lips business the government requires a reduction of 2% p.a.

Non UK Business	t CO2	t CO2 ↓ 2.5%
LIPs (2% reduction)	9262	185
Eire	4191	105
China	1634	41
Malaysia	1402	35
Netherlands	1374	34
Thailand	719	18
South Africa	199	5
France	149	4
Germany	116	3
Total	19046	430

A combined target for all sites within the Sterilisation business is 389 tCO2 with the largest contributions to be provided from sites in Eire and UK.

Sterilisation Business	2009-10 tCO2	2010- 11 ↓tCO2 @ 2.5%
United Kingdom	5777	289
Eire	4191	210
China	1634	82
Malaysia	1402	70
Netherlands	1374	69
Thailand	719	36
South Africa	199	10
France	149	7
Germany	116	6
Total	15561	778

Synergy's Utilities' Costs

The expected utilities' costs for 2010-11 are set out below, including fuel at current costs.

Utility Budget 2010-11 £m	Gas	Elec	Water & effluent	Oil	Fuel	Total
Linen Management	1.29	0.48	0.5		0.798	3.068
HCS	0.23	0.37	0.1	0.079	0.076	0.855
Decontamination	0.5	0.75	0.2		0.345	1.795
Sterilisation	0.26	0.72	0.1			1.08
Other fuel					0.237	
UK Only	2.28	2.32	0.9	0.079	1.456	7.035
Sterilisation Ex UK	1.27	1.08	0.1			2.45
LIPs	3.26	1.34	1.24		0.9148	6.7548
Ex UK only	4.53	2.42	1.34	0	0.9148	9.2048
Group Total	6.81	4.74	2.24	0.079	2.3708	16.2398
%age total cost	42%	29%	14%	0%	15%	
Group Total excl. fuel	6.81	4.74	2.24	0.079		13.869
%age total cost	49%	34%	16%	1%		

The cost of utilities, excluding fuel, is expected to be c. £13.87m. The reduction in cost, achievable through reducing consumption, and thereby emissions, is dependent upon the relative costs compared to 2009-10, and changes in those costs over the year, whether driven seasonally or by changes in the market, and production demand.

The most significant cost elements are gas and electricity which account for over 70% of total utility costs. It is these two components of overall utility costs that are most likely to be reduced through changes in practice, operation, processed or manufactured volumes and technology.

Objectives

Synergy's objectives for the Carbon Management and Reduction Scheme are to:

- Publish Carbon Policy. May 2010

- Set reduction targets for each business. May 2010.
- Ensure compliance with Carbon Reduction Commitment Energy Efficiency Scheme. August 2010. Achieve an improved position in the Carbon Trading scheme to gain a financial benefit from the scheme. The latter will be published in 2011.
- Achieve accreditation to Carbon Trust Standard as a CRC Year 1 objective. December 2010
- Reduce the consumption of utilities in the U.K. by 2.5% in 2010-11.
- Reduce the consumption of utilities by 2.5% in the rest of the world in 2010-11. (The regulatory consumption/ emission reduction for Lips in the Netherlands is 2%).
- Continue to investigate and implement opportunities to reduce carbon emissions from its facilities through the use of:
 - Carbon efficient technology
 - Equipment controls and utilisation
 - Behavioural change
 - Alternative technologies
- Implement outcomes from site audits in January/ February 2010
- Re-audit sites to identify new opportunities to effect change in technology, controls and behaviour. September 2010. Extend formal site audits to non-UK sites.
- Maintain employee awareness through Switch Off campaign, information and education from the centre. Develop ‘energy champions’ at each site to maintain impetus and progress.
- Include Carbon Awareness in induction training. June 2010
- Incorporate learning in new facility design.
- Add an IT representative to Carbon Management Group
- Create a single global data collection system to capture consumption, costs and emissions data through the Carbon Management group.

Publish Carbon Policy

A Carbon Policy has been written by the Carbon Management Group and will be forwarded to the CEO for sign off in May 2010. It is intended that the policy shall be distributed to every site in the Group’s businesses for display to staff and visitors.

Reduction Targets for Businesses

Each business will have a carbon emissions reduction target set, of 2.5%, for 2010-11. The businesses will be responsible for co-ordination of actions to reduce consumption and emissions. The targets may be achieved through either changes in technology, were supported by an appropriate business case, changes in behaviour and controls, more efficient utilization of equipment or by rationalizing business operations. The latter may result from closure or replacement of old plant and equipment supported by an appropriate business case.

Proposed targets on a business by business basis, based upon last year’s emissions are shown in the table below.

Group Business	t CO2 ↓ 2.5%
Sterilisation	778
Linen Management	345
Decontamination	88
Healthcare Solutions	73
LIPs	185
Shared Fuel	13
Fast Aid	8
Laboratories	2
Stella	1
Total	1493

The reduction of 1,493 tCO₂ in emissions is twice as high as the overall reduction achieved in 2009-10 which was 693 tCO₂, on a like for like basis, and therefore excluding new sites in Knowsley and Suzhou. The two latter sites added 1,840 tCO₂ to overall emissions. This is a challenging target given that the Suzhou and Venlo sites are expected to increase activity in 2010-11, there will be a full year of activity from Knowsley and a new decontamination site in Leicester due to come on line at the end of the financial year.

All aspects of consumption should be considered but the principal opportunities will be changes in consumption of gas and electricity. Emissions from other sources, such as fuel and heating oil should not be overlooked as opportunities to reduce emissions also.

It is worth noting that in the Netherlands LIPs have a 2% target reduction required by the Dutch government. To achieve a reduction beyond this level may require investment in new equipment. Clearly any investments need to be considered in light of a supporting business case.

Whilst most businesses are located in one country Sterilisation is an international business. Set out in the table below are indicative target reductions for Sterilisation on a country by country basis. Where these can be exceeded the opportunity should be seized as growth in activity in China in particular, and other sites such as Venlo, will otherwise take away from efforts to reduce elsewhere.

Sterilisation Business	2009-10 tCO2	2010- 11 ↓tCO2 @ 2.5%
United Kingdom	5777	144
Eire	4191	105
China	1634	41
Malaysia	1402	35
Netherlands	1374	34
Thailand	719	18
South Africa	199	5
France	149	4
Germany	116	3
Total	15561	389

Alongside the reduction in consumption and emissions is the potential to reduce utilities' costs although the scale of this reduction is dependent upon procurement policy, activity and the market prices for utilities in each country. Within the UK there is an increasingly unified procurement policy for gas and electricity across the businesses which will be in place in Q1, 2010 and effective from October 2010. Synergy will purchase gas direct from suppliers and is likely to continue to purchase HHM electricity through a 3rd party. Non HH electricity is still under contract, through Inenco, until October 2011, though this forms only a small proportion of UK electricity demand, c. 7.5%.

Ensure Compliance with Carbon Reduction Commitment Energy Efficiency Scheme

Synergy is captured by the CRC and must therefore ensure that registration to the scheme is completed by September 2010. Additionally, it is necessary to have in place the data capture processes that are necessary to demonstrate compliance to the scheme and performance against the footprint year of 2008 for measurement in the Carbon Trading League. Whilst Inenco already provides weekly data its accuracy is sometimes unreliable and it extends only to gas and electricity. Synergy is working with Inenco to ensure that compliance to the scheme's requirements is achieved. Inenco have a three year agreement with Synergy to ensure on-going compliance.

To benefit under the CRC in the first year it is necessary to complete two actions. The first action is to ensure all relevant meters have Half Hourly and Automatic Meter Reading facilities. This action has been completed except for a gas AMR at Knowsley and Larch Mill. The appropriate meters will need to be installed at the new facilities in Leicester and Sheffield also.

The second action required is to achieve accreditation to the Carbon Trust Standard. Achievement of this standard is based upon consumption/ emissions measured over three years from 2007 onwards. The business must be able to demonstrate a reduction year on year, in either absolute or relative (to sales or other appropriate measure) consumption/ emissions. Contact has been made with the Carbon Trust and place on a training course secured for 01/06/2010.

The initial process is a data gathering exercise for the three years in question to demonstrate consumption/ emissions. The data will be reviewed by the Carbon Trust and if the Trust is confident that accreditation can be achieved Synergy will be allowed to go ahead to the accreditation process. The accreditation process will be accompanied by the Carbon Trust and will cost £12k. Part or all of the cost of accreditation will be recovered through an improved rating and positioning the carbon league table published in 2011. If Synergy cannot demonstrate an absolute or relative reduction in carbon consumption/ emissions over the three years it will not be allowed to proceed to the accreditation stage.

Investigate and Implement Opportunities for a Reduction in Carbon Emissions

In the last year Synergy has investigated a number of opportunities to reduce emissions through changes in:

- Carbon efficient technology

- Equipment controls and utilisation
- Behavioural change
- Alternative technologies

The success in some of these areas indicates there is scope to continue to make on-going changes in operations and behaviour and to standardize practice across businesses where technology or cost benefit allow. It is worth noting that in some of the older Synergy sites the technology in situ cannot always be modified to be controlled or operated in a more efficient manner without complete replacement of systems or equipment, for example with AHUs.

In seeking to find suitable alternative technologies Synergy should use current suppliers of equipment to up-date information upon what is achievable with processing equipment, use the growing number of energy management focused companies and research documents available from the web: DECC Newsletters, Low Carbon Bulletin, Carbon Trust. Linen Management in the UK does this well through its close links with detergent and equipment suppliers.

Implement Outcomes from Site Audits

In January/ February 2010 sites within the UK businesses undertook site utility and equipment audits to identify potential opportunities to reduce consumption and emissions. The opportunities from these audits shall be implemented where there is a cost effective benefit.

Site	Lighting	Heating	Small Plant & equipment	Offices	Staffroom	Labs	Main Production Plant	Vehicles
Ascot Drive	0.28	28.34		0.15	9.82			
Aintree	2.15				1.02			1.36
Bellshill	6.42	44.21	5.97	1.47				55.09
Bradford	14.38			4.35				
Daventry	1.39	0.01	12.26				16.93	
Lion & Larch Mill	24.6						2.13	
Matrix Park	54.14		213.95	12.14	2.81	1.18	29.67	
Homerton				0.15	9.82			
New Cross	1.18	5.51	0.29	0.26	0.49		0.84	
Reading D	3.63		0.71	4.17			18.68	
Reading S	0.91			12.77	5.78			
Royal Derby	2.77			0.64				
RSCH	1.35	0.12		0.05	0.3		15.96	
Swindon	4.06						85.36	
Tameside	0.28		15.81	2.58	11.75		140.71	
Thome	12.62	332		9.2	3.47	60.17	42.08	
Wythenshawe	0.56			6.33	1.83			
Total	130.72	410.19	248.99	54.26	47.09	61.35	352.36	56.45

Total tCO2	1361.41
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Note: sites highlighted in pale blue are not recharged for utilities but opportunities are identified to reduce emissions on behalf of customers. These sites account for only 36 tCO2 in the total above.

Follow up Site Surveys and Audits

Following the action above it is planned to re-audit sites in September 2010 to review: progress with implementation of present opportunities, and identify new opportunities to reduce consumption/ emissions presented either through changes in operation, production or new technology.

It is important to the success of the carbon reduction programme that each site continues to be actively involved in the process so that responsibility at a local level is not lost. The audit programme also helps to identify changes in one site that can be transferred between businesses and sites.

The programme of re-audits will be completed in September 2010 with recommendations for further investigation or immediate actions to be issued in October 2010.

The programme of formal site audits is to be extended to non-UK sites where audits are not already carried out. This has been undertaken in one or two Sterilisation sites already and is carried out in LIPs.

Maintain Employee Awareness and Participation

Synergy launched a Switch Off campaign in its UK business in January 2010. The campaign was launched to raise awareness of the scale of emissions and opportunities for staff to affect them.

Maintaining awareness for employees is an iterative process which requires managing at a unit level. Part of achieving this is to make available information about changes in consumption and emissions to employees at each site. Whilst sites have access to data from Inenco on a weekly basis it is planned that Synergy will create its own measurement proforma which will be up-dated, reported and displayed monthly in each site. A draft version planned for use in Decontamination is shown in Appendix 2. Each site should also seek to appoint an employee to the role of 'energy champion' who will help maintain the impetus and progress towards carbon reduction through identification of good and bad practice and can be provided with information from the centre to disseminate at site about the unit's performance and good practice.

A key part of raising awareness about the programme to reduce utilities consumption and carbon emissions is to include information about the Carbon Policy and Switch Off campaigns at the induction stage of employment. It is planned that copies of each document shall be incorporated into induction formation given to new employees. Currently this information is with Decontamination HR for review.

New Facility Design

It is important that new and appropriately utility/ carbon efficient technology is installed in any new facility created by Synergy. This has already taken place in the design for Leicester decontamination unit, to be built in 2010, and will be incorporated into the Sheffield design also.

Within this section should also be included procurement of additional or replacement equipment as changes take place in existing sites.

Areas of particular interest will include:

- Lighting elements and lighting controls
- Air handling units
- Heat Pumps
- Heating systems
- Compressors
- Water pumps
- Main processing equipment- washers, driers, autoclaves, sterilizers
- Vehicle sizing, fuel, emissions rating, speed controls
- Heat exchange from water recovery/ reuse
- Power Factor Correction
- Application of magnets to optimise gas consumption on boilers
- River water abstraction- (Sheffield specific)
- Water consumption reduction

In considering the above Synergy should seek to use alternative technologies to create a more cost and emissions efficient business.

IT: Carbon Management Group Representative

It is planned to add a representative from Group IT to the Carbon Management Group in May 2010. The representative will bring expertise about the best way in which to manage systems but also assist in the development of information systems to collate data and generate feedback to the business.

Global Data Collection System

A centralised system will be created in Q1 to capture the consumption and costs of all utilities procured throughout the group on a monthly, or invoice interval, basis. The purpose of the information is to monitor consumption and cost across the group. The data will also be converted into carbon emissions so that progress towards the target reduction can be measured on a business and country basis.

Appendix 1: Synergy's Carbon Footprint and Boundary Definition (Note: this version is the original response to the scheme and details of payments and timelines have changed as explained in the plan)

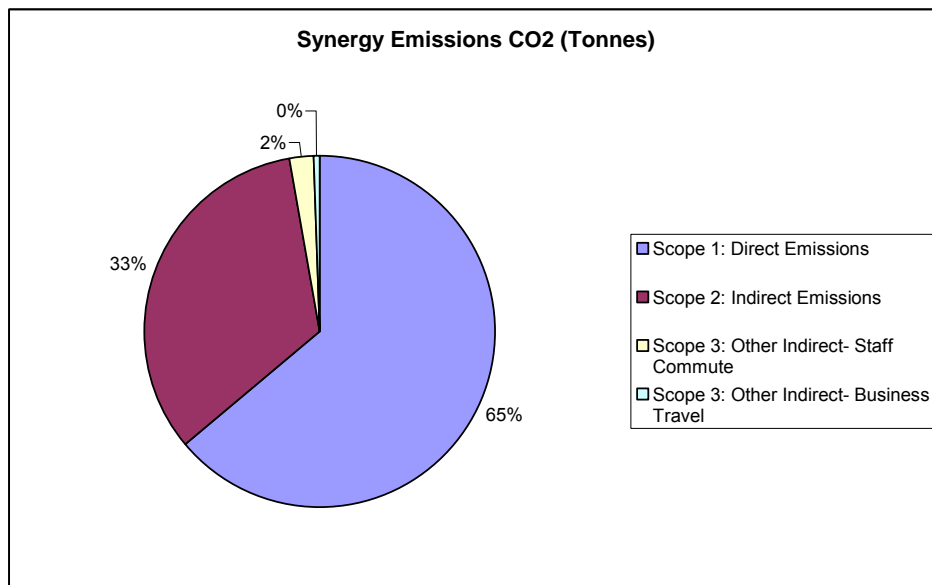
The information below was included in last year's business plan and is shown again, as an appendix, for information this year as it is still relevant to the CRC Energy Efficiency Scheme..

Synergy's carbon footprint is split into three scopes. The scopes are:

- Scope 1: Direct emissions- gas used at site and company owned vehicles
- Scope 2: Indirect emissions- electricity and imports (though the latter is not applicable in Synergy's case)
- Scope 3: Other indirect emissions- such as employee travel (excluding fuel from third party suppliers which is a voluntary submission and does not contribute to the carbon footprint for purchase of allowances).

The final carbon footprint calculated for Synergy for the year ending July 2008 is broken down into the above categorisations. The major contributors to Synergy's emissions are buildings, processes and transport as presented below.

Scope	Emissions: Tonnes of CO2
Scope 1: Direct Emissions	19,468
Scope 2: Indirect Emissions	10,075
Scope 3: Other Emissions	873
Total Emissions	30,415



The most significant element of Synergy’s CO₂ output is Scope 1, which accounts for 65% of total emissions. This scope covers gas and company owned vehicles. It is clear from the table below, from Inenco’s carbon footprint report, that this overwhelming percentage is a consequence of gas consumption in the Linen Management and Decontamination businesses. Gas consumption generates 3.8 times as much kWh consumption as electricity across the Synergy businesses. The high consumption of gas is a direct consequence of the generation of steam demanded for processing in washers and autoclaves. There is a high demand for gas at Thorne which is driven entirely by the EtO sterilisation process; this is seven times higher than the next site in Sterilisation.

Synergy’s emissions are 30,415 tonnes of CO₂ at £12 per tonne. The cost of purchasing allowances, therefore, is c. £364,980 p.a. Purchasing of emissions commences in April 2010 when two years’ worth of emissions must be purchased, at a value of £729,960.

The carbon emissions, CO₂ tonnes, is broken down by scope in the tables below:

Table 1 - Scope 1 Detail

Item	Annual Usage	Units	Carbon Emission Factor	Units	Carbon Emissions (tonnes CO₂)
Gas	72,216,421	kWh	0.185	kgCO ₂ /kWh	13,360
Owned Transport Diesel Vans	12,839,576	km	0.272	kgCO ₂ /km	3,492
Owned Transport Diesel HGV > 17t	948,038	km	0.747	kgCO ₂ /km	708
Owned Transport Diesel HGV > 7.5 -17t	1,354,826	km	0.969	kgCO ₂ /km	1,313
Owned Transport Diesel Articulated	639,635	km	0.929	kgCO ₂ /km	594
Owned Transport Gasoline	0	litres	2.315	kgCO ₂ /litre	0
TOTAL SCOPE 1					19,468

Table 2 - Scope 2 Detail

Item	Annual Usage	Units	Carbon Emission Factor	Units	Carbon Emissions (tonnes CO₂)
Electricity Sites	18,760,409	kWh	0.53702	kgCO ₂ /kWh	10,075
TOTAL SCOPE 2					10,075

Table 3 - Scope 3 Detail


Item	Annual Usage	Units	Carbon Emission Factor	Units	Carbon Emissions (tonnes CO₂)
Business Travel Car Hire	261,628	miles	0.3286	kgCO ₂ /mile	86
Business Travel Taxi	5,834	km	0.1593	kgCO ₂ /km	1
Business Travel Bus	0	km	0.1073	kgCO ₂ /km	0
Business Travel Rail	23,607	km	0.0602	kgCO ₂ /km	1
Business Travel Air Domestic	30,912	km	0.1753	kgCO ₂ /km	6
Business Travel Air Short Haul	130,450	km	0.0983	kgCO ₂ /km	14
Business Travel Air Long Haul	269,073	km	0.1106	kgCO ₂ /km	32
Staff Commute	1,662	Staff	0.4404	tCO ₂ /person	732
TOTAL SCOPE 3					873

Data by site:

Location	# employees	Floor area m2	Elec Kwh	Gas Kwh
Fast Aid				
Loanhead	none provided	4,500	not on icmas	not on icmas
Paisley	29	4,500	not on icmas	not on icmas
Gompels				
Gompels	none provided	none provided	not on icmas	not on icmas
Isotron				
Bradford	22	4,000	663,116	194,886
Daventry	40	5,100	880,257	468,179
Elgin - Isotron, Head Office & Stella (Swindon)	68	3,675	839,190	1,194,230
Harwell	24	37,498	468,176	not on icmas
Reading - Isotron	11	1,660	228,461	452,135
South Marston	30	2,665	1,609,804	611,743
Thorne	19	3,065	1,508,482	7,238,262
JMJ Laboratories				
Grendonstar Limited	10	149	not on icmas	not on icmas
JMJ Laboratories (Abergavenny)	90	1,524	not on icmas	not on icmas
Patient Care				
Lion Mill - Royton	136	17,200	1,329,883	not on icmas
Matrix Park Chorley	323	12,243	2,806,516	3,872,647
Walton Summit	13	8,361	362,274	1,816,736
Synergy HealthCare Plc				
Ascot Drive - Landry and Sterile Linen	269	5,200	2,452,776	26,071,148
Bellshill	49	1,920	not on icmas	not on icmas
Dunstable	155	6,039	1,302,360	11,811,942
Larch Mill	none provided	2,570	728,084	not on icmas
Lewisham (Hither Green)	72	1,500	632,073	1,865,634
Newmarket Drive	68	2,875	409,998	788,596
Reading - Battle Hospital	38	1,435	not on icmas	not on icmas
Sheffield	117	2,214	1,289,055	13,311,319
Wythenshawe Sterile Services	79	1,712	1,249,904	2,518,964
TOTAL	1,662	131,605	18,760,409	72,216,421

Appendix 2: Draft Decontamination Monthly Status Report

Proposed monthly report to be created by sites to publish performance and action data for display at site and central collation and reporting of actions and outcomes.

ENERGY EFFICIENCY & CARBON REDUCTION MONTHLY STATUS REPORT		
Facility	XYZ	
Manager	ABC	
Reporting Period	January 2010	
Report prepared by	A12 B34	

Summary statement

Improvements activities now commenced. Energy audit completed so site has some direction for 'quick wins'. All staff briefed for 'switch off campaign' which received a mixed response – mgmt/supervision will monitor attitudes to the campaign going forward. CR is now firmly up and running on site. Operational ratios may be skewed this/last month due to weather issues and Xmas therefore prefer to assess from Jan onwards.

IMPROVEMENTS/ACTIVITIES

This period(Brief summary)	Expected Benefits
Energy Audit completed	Identify/Highlight opportunities for energy reduction actions
CR champion appointed – J Bloggs	Regular point of contact/facilitator at site
Data logging of compressors completed – results in Feb	Ability to assess performance and costs of compressors
Announced and commenced 'Switch off Campaign' – 11 th Jan	Staff awareness/ownership; immediate reduction impact on utilities consumption
Carbon Reduction introduced into Team briefs	Better awareness among staff

IMPROVEMENTS/ACTIVITIES

Plans for next period(Brief summary)	Expected Benefits

Compile and commence action plan from energy audit results	Implement controlled energy reduction exercise across site – short term/medium and long term
Meet with HVAC installation company to assess system performances – suspected incorrect settings for IAP fans/heating	Reduced electricity consumption by as much as 25% for the IAP
CR to be continued in Team briefs	Continued awareness/energy reduction ideas generation
Put up Carbon Trust energy reduction posters across site	Re-enforce carbon/energy reduction messages. Provide visual prompts and reminders to staff

Statistical data

Utilities Readings			
Week commencing	Electricity Total kWh	Gas Total kWh	Water Total m ³
04/01/10	1655	20855	6836
11/01/10	1022	16523	4217
18/01/10	1005	15691	4298
25/01/10	972	13784	3292
Total	4654	66853	18643
Weekly Avge	1164	16713	4661
Last period WA	1080	15384	4350

Invoice Data						
Invoice Date	Electricity		Gas		Water	
	kWh	Cost (£s)	kWh	Cost (£s)	m ³	Cost (£s)
25/01/10						

Operational Ratios				
	Total Instruments Processed	Electricity : kWh per 100 instruments	Gas : kWh per 100 instruments	Water : m ³ per 100 instruments
This Period	109164	4.26	61.24	17.08
Last Period	110300	3.92	55.79	15.78