

Taunton Deane Borough Council

Executive – 20 June 2012

TDBC Carbon Management Plan for 2012/2013

Report of the Climate Change Officer

(This matter is the responsibility of Executive Councillor John Williams)

1. Executive Summary

This document contains the Council's Carbon Management Plan (CMP) for reducing carbon emissions from its operations during 2012/13. The Plan is accompanied by an action plan of 41 carbon reduction actions across the TDBC / Tone Leisure sites & activities. These actions have been developed by the joint Member / Officer Carbon Management Steering Group (CMSG). The actions in this Plan for which we were able to quantify potential savings would result in a saving of around 300 tonnes of CO₂, if fully implemented. The report also contains information on the implementation of the 2011/12 Carbon Management Plan.

The CMP and Action Plan were considered and supported by the Corporate Scrutiny Committee on 24 May 2012.

2. Background

2.1 Reasons for mitigating the causes of climate change

Over the last 100 years the average temperature around the atmosphere near the Earth's surface has risen by about 0.8 degree Celsius. This is due to human activities such as burning fossil fuels and deforestation that increase the concentration of greenhouse gases like carbon dioxide (CO₂) in the atmosphere. Most climate scientists agree that the global temperatures could continue to rise between 1.1 and 6.4 degrees Celsius above 1980 to 1990 levels by the end of the 21st century depending on how much greenhouse gases get emitted in the near future. If the temperature rise is high, the impact is likely to be extreme and will be difficult to cope with. The main effects of climate change are sea level rise, more extreme weather, biodiversity loss, shortages of food and water and significant damages to the global economy. In order to mitigate the causes of climate change, the UK has set itself the legally binding target to reduce its CO₂ emissions by 80% by 2050 (from 1990 levels). The UK has also signed to the EU Renewable Directive which includes a UK target of 15% of energy from renewables by 2020.

2.2 TDBC's commitment to mitigating climate change

Taunton Deane BC takes climate change serious and is strongly committed to reduce carbon emissions within the Borough and from its own operations.

- TDBC's Corporate Strategy 2010 – 2013 makes climate change one of the Council's four key aims
- The Council is committed to become carbon neutral in the longer term
- In 2010, TDBC, Somerset County Council and the four other Somerset districts jointly committed themselves to reduce the carbon emissions from their operations by at least 3% year-on-year.
- 'Tackling climate change' is also a stated priority in the current Sustainable Community Strategy for the Taunton Deane area.

2.4 TDBC's overall carbon reduction process (Apr 2006 – Oct 2011)

Carbon emissions at TDBC and Tone Leisure come from four different sources: The electricity and gas used within buildings and the petrol/diesel used for transport by the DLO and TDBC's Grey Fleet.

Between 2006/07 and 2010/11 the Council's reduced its carbon emissions by nearly 500 tonnes CO₂ or 10.4% against the baseline that was established for 2006/07. This equates to a reduction of about 3.5% year-on-year over the last four years. This exceeds the 3% year-on-year reduction target that was agreed between Somerset County Council and the Somerset District / Borough Councils.

An Information Report published in November 2011 for Q1 and Q2 of 2011/12 showed a further reduction of 86 tonnes CO₂ or 10.8% compared to the same period in 2010/11. A full Information Report for the period 2006/07 – 2011/12 is to follow as soon as data for Q3 and Q4 of 2011/12 are available.

2.5 Implementation of 2011/12 Carbon Management Action Plan

The 2011/12 Carbon Management Action Plan that was adopted on 10 August 2011 contained 53 carbon reduction actions. By April 2012, out of these 53 actions:

- 21 actions had been implemented or are part of a Rolling programme
- 20 actions were carried forward for implementation in 2012/13
- 12 actions had been cancelled for technical or financial reasons

A copy of the Action Plan can be made available on request.

2.6 Key achievements in 2011/12

Key carbon reduction actions that were implemented during 2011/12 include:

- Theme Managers decided to move from virgin paper to exclusively using recycled paper for office printing. This action will save around 14 tonnes of CO₂ per year (Action 1).
- All cavity walls at Deane House were insulated in October 2011 (Action 22). In a domestic building, un-insulated walls can account for as much as 35% of all heat-losses.
- Lights in the corridors of Kilkenny Court, that used to be ON for 24/7 but were relatively dim, have been replaced with brighter lights on motion sensors that only come on when needed (Action 11). Around 12,000 kWh

- of electricity or 6 tonnes of CO₂ were saved during the first ten months after completion of the installation.
- A vehicle tracking system has been installed to the entire DLO Fleet in September 2011 (Action 47). The system allows for better journey coordination and increased ability to communicate with teams whilst off-site that will result in fuel and carbon savings.

3. Report: TDBC's Carbon Management Plan for 2012/13

The proposed CMP action plan for 2012/13 contains 41 carbon reduction actions. Of these actions, 20 have been carried forward from the 2011/12 CMP, 9 are part of a rolling programme and 12 actions are new. If fully implemented, the actions for which savings could be quantified already would result in a reduction of around 300 tonnes of CO₂. Below is a brief description of the key actions. Further information can be found in the Appendix '2012/13 CMP Action Plan'.

3.1 Key actions carried forward from 2011/12 CMP by site/area

Corporate:

Solar PV installation on Taunton Pool (Action 5): – A 36kW Solar PV array is due to be installed on the roof of Taunton Pool by the end of June 2012. The installation received Exec approval in 2011/12 and will be funded from the TDBC Climate Change Budget. The installation will cost around £70,000. The system will reduce carbon emissions by around 19 tonnes per year and could create an income of up to £10,000 per year to the Council.

Crematorium:

Heat recovery system at Crematorium (Action 16): – Excess heat from the new Mercury abatement system will be recovered to heat the building's offices and chapel. The system is likely to reduce carbon emissions by 23 tonnes and save about £2,400 per year on heating costs. The system is anticipated to be installed during summer / winter 2012.

Housing:

The installation of 38 Air-Source-Heat-Pumps (ASHPs) to one-bed and two-bed council owned bungalows that are currently off-gas should see a reduction in heating bills and carbon emissions (Action 13).

Leisure Centres:

Actions carried forward by Tone Leisure include to:

- Improve and zone the lighting at Blackbrook Pavilion
- Modernise lighting and install variable speed drives at Taunton Pool (in line with the Pool Modernisation)

3.2 New key actions by site/area

Corporate:

Sustainable Procurement (Action 2): – The imminent refresh of TDBC's Financial Regulations (due May 2012) will be used to include a policy, criteria and scores for sustainability in the document to inform future procurement exercises.

The Deane House:

A site survey of Deane House (Action 20) will be undertaken by an external company to identify opportunities for Pay-As-You-Save (PAYS) energy efficiency schemes. PAYS schemes would enable the Council to make energy improvements to Deane House at no-upfront cost to the Authority. The projects would be funded by an external company and paid back through the savings made on future energy bills.

If the Deane House Accommodation Project (Action 21) will go ahead, the Carbon Management Steering Group would like to ensure that the Council capitalises on carbon saving opportunities from the project, e.g. by aligning the Accommodation Project with PAYS schemes offered by external companies. This could include changes to lighting, boilers, windows, PCs etc.

DLO:

Waste segregation in street litter bins (Action 24): – Since April 2012, four dual-bins are trialed at the Parade in Taunton town centre with a couple of more bins to be installed at Vivary Park and Goodland Gardens. If the trial is successful, a roll-out to further areas will be considered.

Potential DLO Relocation (Action 25): – Subject to employment land availability, the DLO would like to move to a new site in 2013. A business plan for moving in 2013 has been drawn up. The action comprises ensuring that a site and building are chosen that allow the operations to be as energy efficient as possible whilst keeping the costs down.

Leisure Centres:

The Council is progressing plans to build a new swimming pool at Blackbrook and to modernise the existing Taunton Pool. Both projects are an excellent opportunity for building energy efficiency considerations into each stage of the process to achieve buildings with low running costs and high environmental performance.

Actions for 2012/13 by Tone Leisure include to:

- Install Smart Meters across various sites
- Improve lighting and BMS controls at Wellington Sports Centre. An external company will also undertake an energy efficiency survey of the site to identify PAYS opportunities.

For reference to the above Leisure Facilities actions see Actions 31 – 41 in the Appendix.

3.2 Emission reduction target for 2012/13

For 2012/13 the Council commits itself to reduce its carbon emissions by at least 3% from 2011/12. This is in line with the reduction target of 'at least 3% year-on-year' that was jointly agreed between TDBC, Somerset County Council and the four other Somerset districts in 2010. Target achievement will be monitored through half-annually information reports on changes in TDBC's carbon emissions for Q1 & Q2 and Q3 & Q4.

3.3 Governance/Ownership/Management

The production and implementation of the CMP is coordinated and overseen by the Carbon Management Steering Group. The group is a joint Members & Officers group. It is chaired by the Strategy & Corporate Manager and consists of officers with responsibility for specific sites or relevant working areas, the Portfolio Holder and Shadow Portfolio Holder for Environmental Services and other Members. The group meets quarterly.

3.4 Communications

Throughout the year, progress on implementation of the carbon reduction actions will be discussed and monitored at the quarterly Carbon Management Steering Group meetings. Updates on key actions will also go into the Footprint Newsletter, the Council's e-magazine for environmental issues sent to all Members and staff quarterly. Progress on carbon reduction actions will also be reported in Core Brief when appropriate.

3.5 Comments from Corporate Scrutiny Committee

This report has been to Scrutiny on 24 May 2012. Councillors asked for further details on a number of actions that were provided at the meeting and by email. Paul Fitzgerald will provide further explanation on TDBC's 'Partial Exemption' threshold to all Members. Councillors were concerned that Air-Source-Heat-Pumps (ASHPs) can ice-up, if not specified properly. So far, no issues have been reported from the ASHPs installed by TDBC and further performance will be monitored.

Cllr Nottrodt asked Torsten on his opinion whether the Council was doing well on climate change and whether he thought the Council's approach for reducing carbon emissions was well coordinated. The answer was that the participation in TDBC's Carbon Management programme is voluntary rather than a requirement and therefore more could be done to engage all areas of the Council's operations in this process. The current approach of identifying opportunities year by year is also rather short sighted. Larger projects with more impact could be identified and implemented if the Council would take a longer term, more strategic approach. With regard to improving the council's buildings for instance this could be done through integrating carbon reduction with asset management planning. TDBC's current carbon reduction target of 'at least 3% per year' is relatively modest. Other organisations have set themselves more ambitious targets, for instance West Somerset District Council (20% reduction from 2010 levels by 2015) and Avon & Somerset Police (30% reduction from 2009/10 levels by 2016). – The Scrutiny Committee recommends the Executive to identify ways for improving coordination and performance with regard to reducing carbon emissions from TDBC's operations.

4. Finance Comments

The 2012/13 CMP Action Plan contained in this report provides a range of activities. The funding will come from a variety of sources including the Climate Change revenue budget, various service budgets, approved capital budgets and set aside earmarked reserves. Any actions that are not currently funded will need

formal budget approval before commencement or will need to be prioritised against other existing budgets.

The Climate Change Revenue Budget in 2012/13 is £64k. The budget contains staff costs and support service recharges, plus around £31k for projects and initiatives. Some of the actions included in the Plan will be funded from this pot. In addition there is a currently uncommitted balance of £14k held in a Climate Change Earmarked Reserve, which can be added to the 2012/13 Budget if needed.

There is a budget of £100k within the 2011/12 Capital Programme to fund the Solar PV installation on Taunton Pool (which will be requested to carry forward to 2012/13). The installation received Executive approval in October 2011.

Any schemes creating an income to TDBC need to be checked for their VAT implications. This has already been done for the Solar PV installation on Taunton Pool with the conclusion that the project has no implications. Any potential Rent-a-Roof type schemes would also need to be checked as there is a risk to the Council's 'Partial Exemption' threshold which would have significant cost implications for the Council if breached.

5. Legal Comments

n/a

6. Links to Corporate Aims

Tackling climate change by reducing CO2 emissions from the Council's operations is one of TDBC's corporate aims. The Carbon Management Plan is the main tool for achieving this aim.

7. Environmental and Community Safety Implications

Through implementing the 2012/13 Carbon Management Plan TDBC's annual carbon emissions could be reduced by around 300 tonnes. This amount is equivalent to the carbon emitted by around 50 average households per year.

8. Equalities Impact

A full equalities impact assessment for the carbon reduction actions contained in the CMP will be taken out once the Plan has been approved.

9. Risk Management

The Corporate Risk Register includes the following strategic risk - *There is a risk that TDBC fails to have a coherent programme to address the impact of climate change, and fails to reduce the carbon footprint of the organisation or the community.* The Carbon Management Plan is a key mitigating control measure in addressing this risk.

All projects / actions that are included within the Carbon Management Action Plan are subject to corporate risk management processes, and a separate risk register will be created if appropriate.

10. Partnership Implications

The CMP is drawn up and implemented in partnership with Tone Leisure and the DLO.

11. Recommendation

The Executive is recommended to approve and adopt the Carbon Management Plan for 2012/2013.

Contact: Torsten Daniel, Direct Dial: 01823 356592 (ext 2458), e-mail:
t.daniel@tauntondeane.gov.uk

Appendix '2012/13 CMP Action Plan'

2012/13 CMP Action Plan							
Action number	What?	Type of action: CF carry forward; RP rolling programme; or NEW	Brief explanation of action (if necessary)	Where?	Person responsible	Estimated carbon savings (tonnes of CO2) per annum	Notes
1	Install Solar PV on Taunton Pool	CF	A 36kW Solar PV array is due to be installed on the roof of Taunton Pool by the end of June 2012. The installation received Exec approval in 2011/12 and will be funded from the TDBC Climate Change Budget. The installation could create an income of up to £10k pa over 25 years.	Corporate	Torsten Daniel	19	Late May-12: Following open tender exercise, Earthelements (based in Barnstaple) appointed as contractor. Installation to be completed before the end of June 2012
2	Sustainable procurement	RP	Identify opportunities to factor carbon emissions in the procurement decision process, whilst accepting that cost & quality are main drivers. Focus of action is on paper, toner cartridges, printers, copiers, furniture, vehicles, utilities	Corporate	Paul Harding		Actions for 2012/13 include: 1) Use refresh of TDBC Financial Regulations (due May 2012) as an opportunity to include a policy, criteria and scores for sustainability in the document; 2) Monitor use of recycled paper in TDBC office printing

3	Scope opportunities for using pool cars for TDBC business travel	CF	The action is part of the Grey Fleet review. By Feb-12, three pool vehicles (1 car / 2 vans) were provided at Deane House for use by 30 staff who had lost their essential car user allowances. The vehicles were spare at the DLO and have standard fuel efficiency. The scheme will be opened up to all staff during summer 2012.	Corporate	Martin Griffin / Torsten Daniel		
4	Monitor use of Club Car for TDBC business travel	RP	Since Jan-11 TDBC has a corporate membership with a company providing a club car for TDBC business travel usage. Action comprises: Monitoring of costs and usage. Giving Best Practice Advice to new users. Acting as a liaison between TDBC and the company.	Corporate	Torsten Daniel		
5	Promotion of electric staff bikes	RP	Two electric staff bicycles were bought in Sep-11 for business travel within a 3 mile radius of Deane House and DLO Depot. Action comprises setting up regular staff training session for promoting the e-bikes.	Corporate	Torsten Daniel		
6	Reduce water usage	CF	Starting with Deane House: baselining water consumption; find actions to reduce it	Corporate	Torsten Daniel		Jan-12: Deane House water usage pa about 1300 cubic meters. Costs pa around £9,000. Apr-12: Water audit by Ecosafe would cost around £200
7	Generate TDBC energy from renewables	RP	Identify opportunities to reduce carbon emissions and create an income from renewables for TDBC by capitalising on RHI and FiT subsidies	Corporate	Torsten Daniel		
8	Provision of actual (rather than estimated) gas and electricity meter readings	RP	Large sites to provide readings monthly; smaller site to provide year-end reading (31 March) to Gill Littlewood	Corporate	All site managers / Gill Littlewood	n/a	

9	Provide regular updates about the 'PC refresh' programme	CF	TDBC currently uses about 350 desktop computers and 160 laptops. Under the 'PC Refresh Programme' old machines get replaced with new machines on a regular basis. About 70 machines were replaced in 2010/11. The CMSG would like to know what this means in terms of energy reduction.	Corporate (IT)	Simon Wilkin	n/a	Jan-12: SW to find out whether there is a structured refresh programme for TDBC. Apr-12: Simon assumes there isn't a structured programme in place. However, it might be a good idea to wait and tie future replacements of machines in with Deane House Accommodation Project.
10	Installation of two electric vehicle charging posts in Canon Street Car Park	CF	Action added to Plan in Dec-11	Car Parks	John Lewis		Jan-12: Action to be completed by Mar-12. Apr-12: Action hasn't been implemented yet, due to issues around the fob keys needed to get access to the charging facility
11	Installation of air source heat pumps	CF	Installation of ASHPs (air source heat pumps) to 38 council owned one-bed and two-bed off-gas bungalows due in April-12	Communal / Housing	Tim Haynes / Phil Webb		
12	Replacement of 16W 2D with HF fittings as they fail	RP		Communal / Housing flats	Phil Webb		
13	Investigate potential for reducing hours of church light flooding	CF	Currently churches lit from dusk until midnight. Total costs to TDBC pa: £9,500 (incl. maintenance). Oct-11: Floodlights have been inspected and made safe. Council has offered third party owners to take on installations by 01/04/12. Remaining installations will be removed.	Communal / Lighting (churches)	Dave Evans	20	Apr-12: 26 out of the 35 churches have taken up the offer and will be transferred in summer 2012. DE hopes that eventually all but 2 churches will sign up to the offer.
14	Install new cremators	CF	Installation due to take place summer / winter 2012	Crematorium	Paul Rayson		Tender for building works due back in May-12

15	Install heat recovery from mercury abatement system	CF	Potential to heat the entire Crematorium from the excess heat of the Mercury abatement system of the new cremators. Design work by SWOne Property Team & Design Services underway.	Crematorium	Paul Rayson	23	
16	Provide monthly cremation figures	RP	Monthly cremation figures have been submitted since 2010/11 to monitor correlation of gas usage and number of cremations.	Crematorium	Paul Rayson	n/a	
17	Sealing of windows to reduce heat loss	RP	In 2011/12, all windows that were draughty at the time were sealed. Action will be repeated when needed.	Deane House	Rob Erskine		
18	Improve air conditioning in Committee Rooms	CF	Currently air cons are controlled manually. As a result, rooms are often either too hot or too cold. The aims of the action is to gain more control and to provide more even temperatures (heat point of 21 and cooling point of 24 degrees Celsius).	Deane House	Rob Erskine		Jan-12: Implementation of action not achievable with current system. Rob Erskine to assess potential for upgrading system. Apr-12: New contractor on board. Action to be progressed in April with site visit by contractor
19	Investigation of options for separating hot water provision from the boilers	CF	Currently, the hot water used in showers and kitchens at Deane House is heated by the same boilers that heat the water for the radiators. During the summer months, running those large boilers just for heating relatively little hot water is inefficient.	Deane House	Rob Erskine / Torsten Daniel		Hot water consumption over 5 months 2.2 m3/month (Nov-11 - Apr-12). RE to assess the technical options (incl. ASHP and solar thermal) and produce a Business Plan
20	Site survey of Deane House	NEW	Free survey to be undertaken by Schneider Electric to identify opportunities for PAYS energy efficiency projects	Deane House	Torsten Daniel		
21	Capitalise on carbon saving opportunities from Deane House Accommodation Project (DHAP)	NEW	The DHAP is about investigating the feasibility of bringing a Third Party tenant into Deane House to make most efficient use of space. The feasibility study was produced by Mar-12. The Council currently considers funding and financial implications of the DHAP.	Deane House	John Lewis / Torsten Daniel / Simon Wilkin		

22	Capitalise on carbon saving opportunities from Deane House Server Refresh Plan	CF	Servers in Server Room use about 1/3 of all electricity at Deane House. A 5% annual reduction CO2 reduction target for the Server Room to be set. A Plan for upgrading the servers is in place. The action is about finding out the details of the Plan and calculating the energy / carbon savings from it.	Deane House (IT)	Simon Wilkin		
23	Consider heat recovery from Deane House server room	NEW	The servers in the IT Room produce excess heat that in theory could be recovered. The project would need to be tied in with the Server Refresh Plan (Action 22 above)	Deane House (IT)	Simon Wilkin / Rob Erskine		
24	Consider segregation of recyclable materials in street litter bins	NEW	Since April 2012, four dual-bins are trialed at the Parade in Taunton town centre. One more each will be ordered for Vivary Park and Goodland Gardens. If trial successful, roll-out to other areas considered.	DLO Cleansing	Chris Hall		Apr-12: CH has suggested using recycling bins at Castle Green to Project Taunton
25	Ensure energy efficiency of new DLO Depot site	NEW	The DLO wants to move to a new site. Ensure that a site and building is chosen that allows the operations to be as energy efficient as possible	DLO Depot	Chris Hall / Roger Mitchins on		Apr-12: Note from CH that there needs to be a realistic expectation from the Council about how much money the Authority is willing to spend in build costs for a new Depot site. The aim is to move in 2013, subject to employment land available in the area. A business plan for moving in 2013 exists.
26	Purchase of fuel efficient vehicle to support business support team	CF	A Kia Rio 1 (one of the most fuel efficient cars in the current market) that was ordered in 2011/12 is due for delivery in May-12	DLO Fleet	Chris Hall		
27	Review of total fuel used by DLO Fleet	NEW	Provide annual data of total fuel used by DLO fleet with aim of reducing it by at least 3% year-on-year.	DLO Fleet	Chris Hall		Total fuel usage in 2011/12 was 183,159 litres compared to 211,021 litres in 2010/11. This equates to a reduction of 13%.

28	Investigate reasons for increase in electricity consumption of Nursery and seek ways for reducing it	CF	One obvious reason for the increase is that Nursery now operates at full capacity. Although annual electricity consumption still is only 23,000kWh or around £2,000 it has increased steadily from 16,000kWh over the last three years.	DLO Parks & Nursery	Cyril Rowe (to be reported by Chris Hall)		Jan-12: Site visit with Cyril Rowe, Chris Hall, Richard Eastman, Rob Erskine and Torsten Daniel to be set up
29	Identify opportunities for renewable energy and PAYS schemes on leisure sites	RP	Tone Leisure and TDBC to work in partnership to identify and scope Pay-As-You-Save (PAYS) and renewable energy schemes (including rent-a-roof type schemes) for TDBC owned leisure sites	Tone Leisure	Mark Washington / James Curry / Torsten Daniel		
30	Installation of Smart Meters at several Tone Leisure sites	NEW		Tone Leisure	Mark Washington		
31	New lighting for the indoor Tennis Centre at Blackbrook Pavilion	CF	Dec-11: Tone has been offered a Pay-As-You-Save deal for this action. Action will possibly take place in 2012/13.	Tone Leisure	Mark Washington	71.5	
32	Replacement of lights in the Sports Hall at Blackbrook Pavilion	CF	Dec-11: Tone has been offered a Pay-As-You-Save deal for this action. Action will possibly take place in 2012/13.	Tone Leisure	Mark Washington	12.7	
33	Zoning of lighting in Blackbrook Pavilion	CF	Action will possibly take place in 2012/13. (Project would comprise works to the Sports Hall, Main Tennis Hall and the 'Dome' Tennis Centre. Project is similar to what has been done at Wellington SC in 2010/11. Tone has been offered a Pay-As-You-Save deal for this) Apr-12: Awaiting monitoring results from Wellington SC	Tone Leisure	Mark Washington	133	
34	New Pool to be built at Blackbrook Pavilion	NEW	Consider a Passiv-Pool. Initial meeting held with Gale & Snowden Architects, who are in the process of planning a Passiv-Pool for Exeter City Council.	Blackbrook	Simon Lewis		

35	Installation of variable speed drives at Taunton Pool	CF	Part of the discussions around the Taunton Pool Modernisation	Tone Leisure	Mark Washington		
36	New lights for Pool Hall at Taunton Pool	CF	Part of the discussions around the Taunton Pool Modernisation	Tone Leisure	Mark Washington	13.4	
37	Taunton Pool Modernisation Project	NEW	Ensure energy efficiency is considered in project	Taunton Pool	Scott Weetch / Simon Lewis		
38	New lighting for Pool Hall at Wellington Sports Centre	CF		Tone Leisure	Mark Washington	14	
39	Improve ventilation at Wellington Sports Centre	NEW	By improving the ventilation, heat losses can be reduced	Tone Leisure	Rob Erskine		
40	Upgrading of BMS system at Wellington Sports Centre	NEW	Project proposed as a Pay-As-You-Save scheme. Payback of 1 year.	Tone Leisure	Mark Washington		
41	Site survey of Wellington Sports Centre	NEW	Free survey to be undertaken by Schneider Electric to identify opportunities for PAYS energy efficiency projects	Tone Leisure	Torsten Daniel		
TOTAL						306.6	