

Status
New actions, defined as those yet to start, or an existing programme that has been significantly enhanced to meet the aspirations of the Strategy.
Existing actions, defined as those already within an agreed council programme of work that contributes directly to the aspirations of the Strategy.
Completed actions, defined as those that have been completed leading to significant benefits to support the Strategy.

Home Energy Efficiency

By 2011, we will have made major energy efficiency improvements and will be ready to start delivering new technologies in bulk.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
1. To seek to broker short, medium and long-term carbon reduction targets with partner organisations who are in a position to affect change to Leeds' housing	Engage social landlords and negotiate achievable CO ₂ reduction targets through improved energy efficiency and use of renewables across their housing stock.	CO ₂ reductions from major housing providers included within strategy, demonstrating partnership approach. Optimal Standard Assessment Procedure (SAP) target of 80 or better per dwelling up-graded.	Have engaged with the G7 housing associations and agreed to work together to identify future carbon saving initiatives.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
2. Support landlords to install cost-effective energy efficiency measures into all households as quickly as possible and to trial and finance new cost-effective insulation and renewables technologies	Develop support for social landlords to enable them to install renewable energy or combined heat and power in suitable properties.	Ongoing reduction in CO ₂ beyond life of the Decent Homes programme	Agreed to work with G7 housing associations to jointly develop a project to take advantage of FITs and prepare for RHI.
	Provide advice to private landlords to improve dwellings below a SAP grade of 35, backed up by enforcement action (linked to Private Rented Strategy and Landlords Code of Standards) where necessary.	Year on year reductions in CO ₂ emissions from private sector housing. Optimal SAP target to 65 or better per dwelling upgraded.	Ongoing.
	Continue to provide information and grant advice to Leeds ALMOs and Registered Social Landlords (RSLs) to enable them to cost-effectively improve the energy efficiency of their dwellings.	Year on year reductions in CO ₂ emissions from public sector housing. Optimal SAP target to 80 or better per dwelling upgraded.	Ongoing. Regularly provide information and advice to ALMOs on reactive basis.
	Support the three Leeds ALMO to install cavity and loft insulation upgrades as part of the Decent Homes Standards	An increase in the stock average SAP ratings of 3 SAP points pa	Loft and cavity programme now nearing completion.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
<p>3. Develop a programme to provide appropriate energy efficiency improvements linked to Energy Performance Certificates recommendations (and to go beyond recommendations) for newly purchased and rented properties</p>	<p>Work programme tbc</p>		<p>No change</p>
<p>4. Develop and implement new area-based and public/private and voluntary sector marketing and funding support approaches to assist householders to choose to be energy efficient and carbon neutral wherever practicable to do so</p>	<p>MAJOR</p> <p>Trial a new 'free at point of delivery' scheme to provide free loft and cavity wall insulation (plus a range of other measures) to up to 1,000 households regardless of income.</p>	<p>Pilot 1,000 major energy efficiency measures delivered, reducing CO₂ by over 550 tonnes pa.</p>	<p>New Labour administration committed to providing a free insulation scheme across the whole city.</p>
	<p>Work with ALMOs and RSLs to provide detailed evidence to utilities in order to broker bids to the Community Energy Saving Programme (CESP) to finance improvements in hard-to-treat homes (e.g. solid walled, system built etc).</p>	<p>At least one area in Leeds included within CESP trial, leading to major energy efficiency improvement and CO₂ reductions to circa 700 hard-to-treat homes.</p>	<p>Submitted joint proposal with WNW homes for CESP funding for New Wortley for circa 300 properties.</p>

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	<p>Deliver an Area Based Initiative to 10 wards between 2009/11. Systematically work up from the most deprived ward in Leeds offering free/discounted energy efficiency improvements, in partnership with a utility.</p>	<p>Facilitate 10,000 major energy efficiency measures and refer 3,000 clients for free assistance. Reduce emissions by 1 tonne per dwelling supported</p>	<p>On hold due to potential free insulation scheme (see above).</p>
	<p>Since 1996, the Fuelsavers Team have brokered significant energy efficiency improvements to all tenures in Leeds to a value of £40 million per annum</p>	<p>Reduction in CO₂ emissions of 80,000 tonnes per annum against 1996 baseline of 3.5m tonnes</p>	<p>Annual HECA Report 2010 being the 13th Year</p>
<p>5. Provide good house-keeping advice to occupants regarding heating, hot water, appliances and lighting, including appliance purchase and disposal</p>	<p>Build on the successful Energy Reader loan trial in the Otley library to roll-out Energy Readers to all main libraries (and available to all via inter-library loans) to enable residents to understand how electricity is used at home and where efficiency savings could be made.</p>	<p>Residents have free access to detailed data to enable them to understand how to save electricity at home.</p>	<p>Launched March 2010 with 135 readers in 30 main libraries.</p>
	<p>Promote the Energy Saving Trust Advice Centre (ESTAC) advice line and Act onCO₂ support to Leeds residents to provide access to tailored advice on domestic energy efficiency and renewable energy.</p>	<p>5,000 residents annually use the ESTAC advice service.</p>	<p>Agreement now in place to receive quarterly stats.</p>

Sustainable Transport

By 2011, the proportion of car-based trips into central Leeds will have decreased and we will have a plan to reduce congestion and emissions through investment in the transport network, particularly public transport, coupled with appropriate demand management.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
6. Use Transport for Leeds (TfL) results to build a strong, well supported, case for major infrastructure investment	<p>MAJOR</p> <p>Include CO₂ emissions, alongside support for the Leeds economy, as the key success criteria for the Transport for Leeds work programme.</p>	<p>Strong business case to Government for major transport investment package that supports the economy and reduces CO₂ emissions.</p>	<p>New transport model expected to complete July 2010. Initial package options scoped for economic and environmental impacts.</p>
	<p>MAJOR</p> <p>Secure local, regional and national funding to deliver the New Generation Transport (NGT) work programme.</p>	<p>New, low carbon, public transport system available for parts of Leeds to provide an attractive lower carbon alternative to private cars. Significant CO₂ reduction forecast.</p>	<p>DfT granted Programme Entry March 2010.</p> <p>New Coalition Government reviewing all previous major scheme decisions.</p>

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
7. Work with employers to incentivise sustainable transport and to make sustainable transport information more accessible	Promote Travel for Work and the Travel Plan Network to organisations throughout Leeds and assist organisations to implement travel plans. To encourage take up provide incentives and support such as discounted Metrocards, priority access to travel plan support services, feed back on performance, events, competitions and membership certificate.	To achieve a year on year increase in the number of Leeds based organisations with Travel Plans from the current baseline of 100 member organisations in Leeds.	Membership numbers fallen to 92 due to loss of one large Association of businesses breaking up, and the effects of the recession.
	Continue to develop and promote TravelWise Initiatives to encourage greener travel, including Carshareleeds.com (a free car share matching site for all Leeds and beyond), Walkit.com (free journey planner for Leeds' pedestrians) Leeds City Car Club (hire by the hour car club for business and residents use which reduces overall car use as members make more journeys by sustainable modes) and Bike Week (annual celebration of cycling).	<p>Increase members of carshareleeds from current level of 3,000 individual members. Car club expansion to residential districts and promotion as an alternative travel option in corporate travel plans leading to increased membership and patronage.</p> <p>Increase in use of sustainable travel modes across business, higher education, and school communities</p>	<p>Carshareleeds Carshare membership now 3200.</p> <p>Walkit.com routes generated 4000/month, enhancements to website in progress.</p> <p>Walk to Work and Walk to School campaign weeks delivered in 2010.</p> <p>Leeds Bike Week 2010 delivered.</p> <p>Car club usage showing steady and sustainable growth, expanded by 2 new parking bays.</p>

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Develop Leeds Travel Info website. Congestion busting by giving the public travel information on all modes. Use of text/email alerts to warn of unusual congestion	Significant numbers of people making journey choices based on live information, thereby reducing emissions from congested traffic.	The web site has continued to expand in content and in use. Ave visits per month was 25,000 in Dec 08, 27,000 in Dec 09. Now 45,000. Web survey suggests 80% of users make journey changes as a consequence of what they learn.
	Utilise opportunities from New Ways of Working to both deliver efficiency savings and reduce CO ₂ emissions from transport. Key policies include development of site travel plans and flexible working to reduce staff travel through better use of IT and home working.	CO ₂ emissions from staff travel reduced and efficiency savings made.	Implementation of charging arrangements for employee city centre car parking.
	Continue to develop and deliver the Leeds City Council Corporate Travel Plan to reduce CO ₂ from staff commute and staff travel. Key actions include promotion of sustainable travel options to staff; salary sacrifice Bike to Work scheme; and development of site audits, new cycle storage, and site travel plans.	CO ₂ emissions from staff travel reduced.	Bike to work scheme to be re evaluated for next year and continued as part of a wider employee benefits package. Site travel plans to be completed for buildings where there are over 60 employees by October 2010.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
8. Continue to promote smarter choices and sustainable modes including walking and cycling as an alternative to driving	<p>MAJOR</p> <p>Work with the West Yorkshire LTP partnership to develop a strong bid for LTP3 that prioritises tackling climate change (including improving resilience) and supporting economic growth.</p>	LTP3 funding contributes to improving sustainability and the resilience of the transport network.	<p>LTP3 development ongoing with WY core team. Aim for final document sign-off early 2011.</p> <p>Generic Climate Proofing Plan being developed for W Yorks LTP3.</p>
	Implement the Leeds Core Cycle Network phase 1 programme to create a well connected network of routes to and around Leeds city centre to improve cycle safety and encourage cycling.	Increase in percentage of journeys to Leeds by bike as monitored by the Annual Travel to Work Survey.	One route currently on site. Two routes, and part of a third route anticipated to be substantially complete in the 2009/10 financial year.
	Improvements to UTC control room operations to enable more efficient reaction to incidents causing congestion. Use of journey times etc to give early warning	Congestion due to incidents eased	Control room computers now rationalised via UTM technology. Journey times and warning of congestion recently set up and now being calibrated.
	LTP2 work programme contains actions designed to encourage more sustainable transport, reduce vehicle emissions and manage travel demand all of which can reduce CO ₂ .	LTP2 funding contributes towards a target that emissions from transport in Leeds stay static or decline between 2006-11.	Programme of schemes for 2009-10 completed and 2010-11 in progress.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Influencing travel behaviour through Planning powers. The new Supplementary Planning Document (SPD) on Travel Plans requires new developments to write and introduce travel plans with binding targets.	Modal shift away from the car for commuter journeys, resulting in a reduction in CO ₂ emissions as measured by the Annual Snapshot Travel to Work Survey	Approx 300 sites with planning obligations to travel plans
	Continue to make provision for high quality pedestrian and cycling routes in traffic calming schemes, 20mph zones, road safety schemes and new developments.	Existing cycle and pedestrian routes expanded and connected to make non-motorised transport modes a viable alternative.	Each scheme is assessed by the Sustainable Transport team (Walking & Cycling) before being issued, & amended where necessary.
	Work with schools to develop School Travel Plans, and promote sustainable transport options including Yellow Buses, walking buses, Walk to School Week and other mode shift activities.	All schools have clear plans to enable children and staff to travel to school in modes other than the private car, reducing CO ₂ .	All state schools/PRU/SILC's in Leeds have a school travel plan. 6 independent schools still outstanding.
	Identify and programme infrastructure proposals to create conditions necessary for more safe and sustainable travel to school (non-car modes).	Specific barriers to sustainable travel removed.	List of engineering measures outside school has been created, in order to draw up a programme of implementation.
	Provide information to the public (web site/text alerts, variable message signs (VMS), journey time cameras) to enable them to avoid congested routes	Regular congestion eased, thereby reducing the excess CO ₂ emissions from stationary and crawling traffic.	Car Park VMS installed. Free text VMS due to be installed in Sept 2010.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	High quality city centre map produced giving clear information on walking times between city centre locations to encourage pedestrians	Increase in pedestrian numbers in city centre	The new map has been installed on the existing street map frames
	Continue to support the existing High Occupancy Lanes on Stanningley Road and East Leeds Link road and consider new route on Roundhay Road.	Increase in car sharing	Roundhay Road scheme on site and should be completed during the autumn.
	Continue to support the existing Metro free City Bus and investigate opportunities to expand route south of the river	Modal shift from cars/taxis to bus	No change.
9. Work closely with Cenex, DfT and other partners to investigate ways to cost-effectively procure low emissions fleet vehicles	Investigate technical potential and financial viability of a permanent biomethane refuelling network and a strategic network of electric vehicle refuelling points.	Evidence based assessment of infrastructure needed to support transition to low carbon vehicles (both gas and electric).	IGP has approved 50% funding (Subject to Ministerial approval) towards procurement of a gas refuelling station for LCC. Match funding being sought from LTP2 & Salix EEF in LCC. Leeds has recently completed a Leeds City Region PIP Expression of Interest, for matched funding towards a strategic network for EV recharging points.
	Use the Low Carbon Vehicle Procurement Programme to purchase 16 hybrid and 4 fully electric fleet vehicles (cars and small vans). Fleet will assess operational effectiveness and financial viability to inform future purchases.	Direct reduction of fleet vehicle emissions.	LCC involvement in the LCVPP will enable 19 Hybrid & 5 EV transit vans to be trialled & monitored against diesel variants. To date, 12 hybrid vans have been delivered.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Develop a handbook and toolkit to support other local authorities, Leeds partners and fleet managers to implement and monitor success of low carbon vehicles. Funded by the Low Emission Strategy Development Project (LESDP).	Learning shared with partners to encourage them to also procure appropriate low carbon fleet vehicles.	A draft Low Emission Handbook has been jointly written by ITS (Leeds University) & LCC.
	Trial two biomethane refuse vehicles and assess technical and financial performance compared to diesel vehicles.	Direct emissions reductions. Operational experience of biomethane refuse vehicles. If successful, procurement of new refuse vehicles to favour biomethane.	Trial extended due to initial problems with refuelling, additional funding provided by Cenex.

Partnership Emission Reduction

By 2011, it will be clear that the public and private sector in Leeds are showing leadership by working together to make significant carbon reductions.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
---------------------	----------------------	---------	------------------------

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
10. Ensure high uptake of the Leeds Climate Charter by partners in order to monitor and report emissions reductions from organisations in Leeds	<p>MAJOR</p> <p>Encourage partners to sign the Leeds Climate Charter in order to demonstrate to people of Leeds that major organisations in the city are taking climate change seriously.</p>	Increasing number of partners actively involved in emissions reduction activities.	30 businesses have signed Charter as at 27/04/10.
	Identify suitable existing tools and develop new tools and resources to support Charter signatories.	Incentive for partners to join and report progress and practical support available to help them to reduce CO ₂ emissions	Commissioned Green Services Guide.
	Monitor and report total emissions and emissions reductions from Charter signatories	Clear summary of total partner emissions and annual emissions reductions	No progress.
11. Identify and act on opportunities to work together on joint carbon reduction opportunities	As part of the RIEP programme, work with street lighting colleagues across the 5 W Yorkshire authorities to develop a specification for lighting ballasts and fixtures that would be suitable for forward commitment procurement.	Reduced capital cost of energy efficient street lighting	No progress.
	As part of the RIEP programme, work with AWYA to jointly organise a secondary schools carbon reduction conference, targeted at head teachers and bursars, aiming to increase understanding of carbon reduction business case and desire to access support to reduce emissions	Greater take up of support to reduce emissions from secondary schools leading to significant carbon reductions.	Completed in January 2010. Lower than expected participation from Leeds but good feedback from attendees.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
12. Encourage staff involvement through city-wide Energy Guardians schemes	Encourage Charter signatories and others to use EG resources and attend LCC meetings	Roll out toolkit/ resources/ framework to charter signatories to assist in fulfilling charter commitments	Engage partners for next meeting 8 th September.
	Develop and maintain Energy Guardian (EG) network to support carbon and energy reduction within LCC	Increased staff engagement and reduced carbon emissions from council operations to support the NI185 targets	Following Big Switch Off 2 (Feb to Mar 2010). The big switch off initiative encourages staff to turn off lights and equipment that are not in use.
13. Explore the use of prudential borrowing powers and other sources of finance to raise capital to deliver city council carbon reduction commitments in Leeds Strategic Plan	Develop and deliver a medium to long-term Carbon Reduction Strategy for LCC buildings, including a new Sustainable Building Procurement Strategy	Clear plan to achieve year on year carbon reductions through investment in energy efficiency and renewables, leading to near carbon neutrality by 2026; new buildings maximise CO ₂ reductions to avoid need for expensive retrofiting.	-
	<p>MAJOR</p> <p>Work with the Core Cities Climate Change Group to develop a strong business case for joining the Clinton Climate Initiative (CCI).</p>	15-20% emissions reductions from corporate buildings included in CCI	CCI joined in November and decision by leaders for Leeds and Sheffield to pilot taken in June 10. 17.6

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	<p>MAJOR</p> <p>Deliver the carbon reduction opportunities for buildings, street lighting, fleet and staff travel as identified in the NI185 (Carbon Emissions) Action Plan</p>	Achieve NI185 target to reduce corporate emissions by 3.4% over two years to 2010/11	Achieved a 3.7% reduction in 2009/10, almost double anticipated rate.

Waste and Resource Efficiency

By 2011, we will have clear plans in place to turn waste in Leeds into valuable resources.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
14. Help residents to recycle more of their household waste through education and the provision of enhanced recycling services	<p>Develop schemes to facilitate the re-use of resources:</p> <ul style="list-style-type: none"> • Trial re-use of Waste Electronic and Electrical Equipment (WEEE) with the Community Sector and support Leeds based Authorised Approved Treatment Facility (AATF) • Develop a re-use shop at East Leeds Household Waste Site to intercept goods before they enter the waste stream 	Decrease in the amount of reusable goods entering the waste stream, increase in remanufactured goods and overall reduction in waste to landfill.	<p>Evaluation of trial currently being undertaken following receipt of report on the scheme's viability from Realliance work funded by CO₂Sense.</p> <p>Market Sounding process to secure shop lease holder commenced 16 June 2010. Planning approval for development granted. Expected that new household waste site and shop will be open by Summer 2011.</p>

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Increase range of materials collected at the kerbside by undertaking a pilot for segregated waste collections, including the collection of food waste.	Reduction in waste sent for landfill and increase in recycling	Pilot complete and outcome very positive.. Segregated waste collections continue.
	Develop tailored communication campaign to promote services to differing demographics.	Maximise correct participation in existing services	A campaign to increase the use of recycling facilities is in development. Further work will be undertaken in other areas where recycling is not working as it should.
	Develop and implement improvement strategy to provide recycling to all sections of the community regardless of housing type.	Flexible approach enables close to 100% of residents to have access to and participate in doorstep recycling.	Recycling improvement plan to deliver kerbside collections to all households in Leeds by the end of 2010 has been agreed
	Develop joint education and awareness campaigns emphasising the link between waste and climate change.	Residents with a positive view of recycling more likely to participate in other climate positive behaviours.	Looking to develop a communications strategy for the environment.
	Develop range of policies to support waste minimisation and recycling.	Supportive policy framework.	Charities/PoRW and Free Service Policy complete. Further policies for waste minimisation and recycling are being developed.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Deliver the recycling targets in the Leeds Waste Strategy.	Significant reduction in waste to landfill with recycling targets met: Year Target % 2009/10 35.9 2010/11 41.33 2011/12 41.33 2012/13 43.09 2020 50	Recycling rate for 2009/10: 31.25% fell short of target - industrial action impacted on performance.
	Target key waste streams for minimisation: continue to offer subsidised composters to Leeds residents	Removal and sustainable disposal of green waste	A four year framework is now in place. Leeds residents have access to various products including home composters at competitive prices.
	Undertake a strategic assessment of Household Waste and Bring sites to understand resident need for new or improved sites.	Strategic approach in place for provision of existing and future recycling sites.	Review complete. Executive Board to approve recommendations 22 June 2010.
15. Work in partnership with key business support organisations to deliver resource efficiency improvements within businesses across Leeds	Promote the LCC recycling contract to include collections from partners, charities and small business en route.	Small organisations empowered to recycle where no opportunities previously existed.	Small businesses incorporated on request, with many charities benefiting from free disposal through this contract.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Promote the use of recycled products to the public and organisations within Leeds through partnership with Resource Efficiency Yorkshire (REY).	Awareness of alternatives raised with public. Demand for recycled products grow.	Ongoing through Recycling & Waste communications and website.
	Empower consumers and business to prevent waste by producing the 'Business Waste Handbook' for Leeds	Easier for businesses to reduce and recycle waste therefore reduction in waste to landfill.	Business Waste Handbook completed and distributed initially to over 4000 licensed food waste premises.
	Share good practice from LCC and our partners with other organisations in Leeds to encourage others to improve resource efficiency.	Efficient sharing of information.	Contract procurement information provided on request. Investigating battery and city wide food collection rounds.
16. Within existing plans for recycling and residual waste treatment, push for maximum carbon reductions through appropriate segregation of waste and utilisation of best technology solutions	<p>MAJOR</p> <p>Deliver PFI procurement project for residual waste treatment facilities.</p>	Recovery of value from residual waste and major reduction in waste to landfill.	Submission of Final Tenders scheduled for February 2011, with preferred bidder selected in June 2011. Contract close is anticipated in September 2011. 2.7

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Specify that the Residual Waste Treatment Facility must have the capability to capture both process heat and electricity in order to maximise the carbon reduction potential of the development.	Significant electricity generation. Potential to provide low carbon heat to both new and existing industry and buildings and opportunity for integration with the AVL urban eco-settlement.	Given the growing policy support and local potential for CHP schemes, bidders are being actively encouraged to investigate and pursue potential CHP opportunities within their proposals
	Support appropriate applications from the private sector for anaerobic digestion plants or similar to derive maximum benefit from putrescible waste streams across the city.	Effective use of putrescible waste to reduce methane emissions and generate a low carbon fuel	One AD pre-app for a location in Cross Green.

Business Emission Reduction

By 2011, major businesses will be taking action to reduce carbon emissions and smaller businesses will have appropriate support in place.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
---------------------	----------------------	---------	------------------------

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
17. Work with Leeds Chamber, Business Link and other business support organisations to promote Leeds Climate Charter	Provide guidance and support to regulated businesses (companies operating Part B and Part A2 activities).	Regulated businesses assisted to become more energy efficient	Ongoing. 3 project staff to receive CO2Sense training to help refer businesses to support and then another 3 later. The team currently visits 250 Part A2 and Part B installations.
18. Promote Carbon Action Yorkshire's services to deliver carbon savings to major businesses in Leeds	Continue to participate in appropriate CAY activities, including Carbon Trading Yorkshire, schemes for changing behavioural models, new techniques and technologies, and promotion and exploitation of renewable fuels.	Access to support and finance to achieve innovative carbon reductions	-
	Coordinate and support the retail sector, as Leeds largest business sector, to promote delivery of carbon savings in the city centre.	Raise profile of issue, encourage business to achieve actual, measurable reductions, produce a retail business as best practice model.	We have held meetings with CO ₂ Sense and are considering ways to support both retailers and the Markets with this initiative.
	Help to promote the Carbon Trust (CT) Occupiers scheme to ensure that Leeds receives at least one major Low Carbon Refurbishment	Business case for building/refurbishing to high standards is made, facilitating more low carbon development from private sector.	CT have secured interest from 3 occupiers with combined needs of up to 100k ft ²

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
19. Develop a Green Directory for Leeds to provide advice to businesses on a range of low carbon activities, linked to business-to-business services	Provide advice on Leeds Initiative (LI) website regarding effective business carbon reduction measures across a range of activities. Work with REY to help develop a comprehensive green products directory (with a focus on products manufactured or distributed in Yorkshire) and make links available from the Leeds Initiative website.	Easily accessible list of green products available to support low carbon economy in Leeds.	LI website now contains a business advice section. Will be updated with green products and services directory once CO2 sense research project is complete
	Work with other Yorkshire authorities through RIEP to commission research into the green services available to complement the green products research. Host on the Leeds initiative site.	Easily accessible list of green services available to support low carbon economy in Leeds.	Contract awarded Feb 10; research due end July 10.

Low Carbon New Developments

By 2011, some major low and zero carbon developments have been built and key developers and planning policies support low carbon development.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
---------------------	----------------------	---------	------------------------

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
<p>20. Develop and enforce appropriate planning policies and guidance within the LDF and Sustainable Construction Supplementary Planning Document</p>	<p>Finalise and publish Sustainable Design & Construction SPD</p>	<p>Reference document for developers and planners. The SPD on sustainable design and construction has the following aim and objectives:-</p> <p>Aim</p> <ul style="list-style-type: none"> • To provide practical guidance to developers in Leeds wishing to build to high levels of sustainable design and construction. <p>Objectives</p> <ul style="list-style-type: none"> • To advise on how development in Leeds can result in reduced greenhouse gas emissions • Better adaptation to climate change • Reduced impact on the environment overall • Creating inclusive development for all users 	<p>Completed internal consultation. Draft document to be issued for public consultation during July/August 2010 leading to adoption autumn 2010.</p>
	<p>Develop a detailed Natural Resources and Waste Development Plan Document (NRWDPD) that covers policies on waste management, use of natural resources, renewable energy and flood risk management.</p>	<p>Detailed evidence and technical information to support delivery of policies in policies within the Core Strategy.</p>	<p>Ongoing</p>

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	<p>MAJOR</p> <p>LDF Core Strategy to include specific policies (including draft policies on CO₂ reduction, sustainable construction, improving green infrastructure and spatial location to reduce need to travel) to promote low carbon and sustainable development.</p>	<p>Contingent on Inspector supporting proposed approach, emissions from new commercial and residential developments reduced faster than national building regulations timetable.</p>	<p>Preferred Approach consultation has been completed & analysis of responses reported to the Development Plan Panel.</p> <p>Consolidation & completion of evidence base work underway. Drafting of a Publication document autumn / winter 2010.</p>
	<p>Promote examples of good developments that we have facilitated, such as:</p> <ul style="list-style-type: none"> - Greenhouse zero carbon development CITU - Thorpe Park - Town Centre House (office in Merrion Centre refurbished to BREEAM Excellent) - Latitude Red (BREEAM Excellent) BAM - Skelton Grange/ Meanwood Valley - Rosebowl (BREEAM Excellent) 	<p>Greater awareness amongst developers of what can be achieved in new developments</p>	<p>A large range of good examples are included in the SPD, including refurbishment as well as new build. The SPD is presently in final draft prior to final consultation process and proposed publishing in the Autumn.</p>

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
21. Develop skills in Leeds City Council to advise developers on carbon reductions from major developments and renewables applications	Sustainable Construction Officer post filled to work directly with developers and advise and train planners on sustainable construction issues to respond to increased demand.	Sufficient internal expertise to effectively assess planning applications and promote sustainable development within the City Council and relevant partners by working with planners, developers and their agents to achieve the highest standard of sustainable construction within the built environment in accordance with Council policies.	Post of Sustainable Construction Officer appointed March 2010.
	Support the development of exemplar projects within Leeds, such as: <ul style="list-style-type: none"> - Hollybush - School of Dance 		-

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
<p>22. Develop plans to include holistic packages of energy efficiency and renewable energy measures in regeneration projects to achieve transformational carbon reductions</p>	<p>MAJOR</p> <p>Complete the Aire Valley Area Action Plan and ensure that the proposed Urban Eco Settlement development plan supports the development of a low carbon energy infrastructure</p>	<p>Provide a trailblazing approach to delivering community based mixed-use development incorporating eco-principles at both the strategic and local levels delivering comprehensive sustainable development.</p>	<p>The UES feasibility funding for Leeds City Region and Leeds has been frozen which was to consider retro-fitting properties on Cross Green and then monitoring the results. We expect the funding to be reduced by half to some £600 k for the region.</p> <p>We aim to interpret PPS1 on Eco Towns in an Urban Setting and then prioritise the criteria for particular sites or areas.</p>
	<p>Ensure next phase of EASEL new build (63 homes) is built to Code for Sustainable Homes (CSH) level 3 and subsequent phase to level 4 or above. Continue to seek funding for energy efficient upgrading of existing terraced housing.</p>	<p>Lower CO₂ emissions from new build houses than national standards. Refurbished terraced housing achieves significant CO₂ reductions.</p>	<p>63 Easel homes at Code 3 currently on site and due for completion March 2011. Currently working on new projects.</p>

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	<p>Ensure that the Little London and Beeston Hill & Holbeck PFI scheme contributes to reducing carbon emissions by:</p> <ul style="list-style-type: none"> • 400 new build council homes (125 in LL and 275 in BH&H) specified and maintained for 20 years to at least: <ul style="list-style-type: none"> -Level 4 CSH -Lifetime Homes standards -Provide recycling facilities • 1,230 council properties will be refurbished (852 in LL and 378 in BH&H) and maintained for 20 years to at least Eco Homes XB. 	<p>Lower CO₂ emissions from new build houses than national standards. Refurbished housing achieves significant CO₂ reductions.</p>	<p>Currently in procurement.</p>
	<p>Develop a mix of high quality and affordable Lifetime Homes and Extra Care services for Older people under the Leeds PFI Round 6 Lifetime Neighbourhoods for Leeds Project. Aim to build new houses, where possible, to meet Code for Sustainable Homes Level 5.</p>	<p>Code 5 properties are more energy and water efficient, produce fewer CO₂ emissions, are built using materials from sustainable sources and are better for the environment. They also help occupants to live a more sustainable lifestyle and have lower running costs.</p>	<p>OBC still being developed, target date now 2010 with physical development 2014. Target CSH level reduced to 4 with aspiration for higher.</p>
	<p>Promote and enforce the Supplemental Planning Guidance for Holbeck Urban Village which sets targets for BREEAM Excellent for non-domestic and Code for Sustainable Homes Level 4 across the 30 hectare development</p>	<p>New developments are built to higher environmental standards than national policy demands, resulting in lower overall CO₂ emissions.</p>	<p>-</p>

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Ensure that the Eastgate and Harewood quarter implements BREEAM standards (Very Good and Excellent) for refurbishment and new build. Facilitate the use of CHP both in development and available to other nearby commercial developments and existing properties, including residential tower blocks.	To minimise energy demand from new and existing developments and provide energy at lower environmental and financial costs than through the grid.	n/a. This is driven by a third party developer and unlikely to report significant progress for another year.

Low Carbon Energy Infrastructure

By 2011, we will have developed major renewable energy and community heating plans that significantly reduce emissions and will be ready to start building them.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
23. Work with Partnership for Renewables to investigate the potential for renewable electricity generation on council owned land	Continue with the Partnerships for Renewables (PFR) feasibility study to find suitable council land to accommodate large scale renewables.	One or more large wind turbines (or other renewables) installed on council land, generating renewable energy for consumption by LCC to significantly reduce our corporate carbon footprint.	-

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Work with landfill operators to maximise the amount of electricity generating capacity from landfill gas.	Landfill gas generating capacity remains at circa 9MW until the mid-part of the decade when it will decline.	Although capacity is unchanged, electricity yield will be higher as waste is continuing to accumulate faster than old sites are tailing off.
24. Conduct a feasibility study to assess the potential to expand the LGI/University of Leeds CHP scheme to a much broader part of the city centre	Commission consultants to conduct a detailed options appraisal to assess technical feasibility and financial viability and provide recommendations re best way forward.	Sufficient detailed information to allow the partnership to make an informed decision as to whether to proceed or not.	Options appraisal completed Feb 10. Indicated that it will be financially beneficial to develop this rather than do nothing.
	Use options appraisal to develop a business case to attract external project finance to expand the district heating network and install new generating capacity (if required).	Project finance in place to begin to establish a city centre district heating ring main to provide low carbon heat to existing buildings and new developments.	Working with PPPU to develop the financial model for Leeds.
	Conduct strategic assessment of potential for district heating across the whole of Leeds and to support appropriate policies within the NRWDPD and Core Strategy.	Appropriate district heating prioritised for new developments/ refurbishment and regeneration.	Ongoing

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
25. Work with Yorkshire Forward to develop a mechanism to support cost-effective major carbon reduction programmes	<p>MAJOR</p> <p>Build support within LCC and develop a strong business case to establish 'Energy Leeds' as a strategic body to facilitate large-scale energy infrastructure and energy efficiency projects within Leeds. Ensure funding partners (e.g. Yorkshire Forward, Carbon Trust) are supportive.</p>	Sufficient detailed information to allow the Council to make an informed decision as to whether to proceed or not.	DSC project initiated to assess feasibility of strategic body. Working with Leeds University on scope and function of strategic body and completed audit of existing energy projects in the city.
	<p>MAJOR (LINKED TO ABOVE)</p> <p>Assuming decision is to proceed; progress Council project to establish 'Energy Leeds' as a legal entity with staff in place and a project portfolio focussed on delivering the AVL energy infrastructure, city centre CHP expansion and supporting the requirements of RSS/LDF.</p>	Leeds is in a position to plan and deliver major energy infrastructure projects to achieve energy security and prepare for the low carbon economy.	See above.
	Major Projects Officer post filled to project manage major partnership projects(including sourcing finance), focussing on CHP, community heating and innovative technologies primarily in the non-domestic sector and creation of 'Energy Leeds'.	Resource available to coordinate major new carbon reduction infrastructure projects and appropriate guidance in place.	Major Projects Officer post appointed March 2010.

ADAPTATION

Risk assessment and priority interventions

By 2011, we will have developed a clear understanding of what the key climate risks are for Leeds, which parts of the city are most vulnerable, and have a clear plan to make Leeds more resilient.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
26. Work with the Environment Agency and others to develop and deliver an appropriate flood defence scheme to protect Leeds city centre	<p>MAJOR</p> <p>Progress plans for city centre flood defence, specifically:</p> <p>(1) Develop, with partners, a Design Vision Guide.</p> <p>(2) Collaborate with Environment Agency to develop technical options.</p> <p>(3) Develop, with partners, an Economic Impact Assessment for use in procuring local funding for the scheme</p>	<p>City defended to 1 in 200 year standard against flooding from the River Aire (Newlay to Woodlesford). Climate change impacts to be managed by process of progressive adaptation.</p>	<p>EA National Review Group and Board approval have been obtained. DEFRA/Treasury approval still awaited. Construction start date likely to be 2012 if approved.</p>
	<p>Provide flood protection to approx 23 identified individual houses in West Garforth and Thorner using funding supplied by DEFRA grant scheme</p>	<p>23 of the most vulnerable houses protected against approximately 600mm depth of flooding</p>	<p>Scheme extended to another 14 properties in Churwell (total 37) and Defra budget increased to £211k. Specialist surveys have now been completed at all the properties.</p>

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Maintain and develop a multi-disciplinary Action Plan through the Flood Risk Management Group (FRMG) to manage and reduce flood risk in the city, including measures to improve watercourse and gully maintenance, etc	Reduction of flood risk from Council-owned assets and from sources over which the Council can exercise influence	Ongoing
27. Work with partners across Leeds to deliver NI188, to identify key climate risks and priority actions	Support Forestry Commission to develop and deliver an assessment of how green infrastructure and particularly mature trees can reduce the urban heat island effect.	Use results to evaluate whether enhancing green infrastructure would effectively lessen the impacts (heat and flooding) of climate change.	Awaiting FC response re contingency plans.
	Develop and deliver policy within Core Strategy to increase the number of city centre street trees and green roofs in order to reduce urban heat island effect and to help manage flood risk.	Achieve target of planting 1,000 street trees in the city centre by 2020. All major developments in city centre to have at least 80% green roof cover.	Ongoing
	Adaptation Officer post filled to lead NI188 within the council and with key partners to enhance the resilience of Leeds to the impacts of climate change.	Sufficient internal resource available to fulfil adaptation commitments.	Post remains unfilled although potential secondment opportunities have been identified and are being pursued.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Develop a plan to increase the amount and quality of green infrastructure in Leeds to reduce the urban heat island effect and help reduce flash flooding.	Will be able to calculate the City Centre tree canopy cover to then ascertain whether this is sufficient for heat amelioration	LMU Student is currently assessing tree canopy cover within the City Centre. 29.6
	MAJOR Lead delivery of Leeds Strategic Plan NI188 commitments by risk assessing priority areas (health and social care; natural environment, transport and utilities; built environment) to identify climate risks and opportunities. To use these results to prepare a management plan.	Major adaptation risks and opportunities well understood in Leeds and a prioritised and resourced management plan in place. (cost/benefit of individual actions tbc)	Have started work on major Level 3 task in partnership with Kirklees so still on target for Level 3 March 2011. 17.6
	Include climate change adaptation issues (particularly flood risk) within Natural Resources and Waste Development Plan Document (NRWDPD), Core Strategy, Area Action Plans and guidance within Sustainable Design and Construction Supplementary Planning Document.	New developments avoid flood risk areas in first instance. Policies in place to ensure that developments are built with consideration of long-term climatic conditions (e.g. assuming a 60 year design life).	Ongoing

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Develop a Local Climate Impacts Profile (LCLIP) for Leeds in order to understand the social and economic impacts of extreme weather events. This uses primary news sources to gather data on extreme weather events over the past 7 years then interviews with service managers to explore and cost impacts.	A resource that identifies the current impact of extreme weather on services to help plan and prepare for future climate impacts.	COMPLETED. LCLIP now available on the Leeds Initiative website and intranet and has been used by partners and internally to help develop CC action plan.
	Continue to develop new adaptation responses (particularly for thermal comfort on NGT, more resilient road surfaces and highway structures) to ensure that LCC continues to be recognised as a national leader in preparing for the impacts of climate change.	Increased resilience of all LCC service areas to extreme weather events, expected from existing & future climate risk.	Risk assessment frameworks are being developed for all major LCC service areas.
	Using 25 years of weather data from central Leeds Met station and with advice from Paul Hudson we have constructed weather trends for key variables which clearly demonstrate that weather patterns in Leeds are largely following those predicted by models.	Better understanding of observed local weather trends and how they relate to modelled predictions.	Weather trends, or climatic fluctuations in relevant climate variables have been established for 26 years (1985-2010).
	Working with the major statutory agencies and led by the PCT (Emergency Planning) Leeds has introduced a Heatwave plan in response to the extreme summer of 2003.	Plan in place to deal with periods of extreme heat in order to protect the most vulnerable people in society.	The DoH has reissued its heatwave plan, under which the Leeds heatwave plan sits.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
28. Develop and trial a methodology for detailed vulnerability mapping of key climate risks across the city	Support the Environment Agency and ARUP to expand the Leeds Flood Risk Model to include consideration of impact on vulnerable people/receptors and the ability to provide an emergency response. Trial resultant model with Leeds Resilience Forum.	Improved strategic planning and operational response to flooding.	Peace and Emergency Planning Unit (PEPU) organised a meeting with representation from the emergency services and external organisations to explore the model. Everybody was extremely interested with the way the model could work as a response tool, along with its advantages at the planning stage for various flood levels.
	Use results from trial to scope out potential to expand model to whole of Leeds/W Yorkshire and to include additional climate impacts and vulnerabilities. Lead and submit a partnership bid to EU/other funders to develop a full vulnerability model and map for Leeds.	Leeds is able to model likely impacts of climate change spatially and use this information to inform strategic and emergency planning and response.	n/a

CROSS CUTTING

Information Collation, Coordination and Inspiration

By 2011, we will have made important climate change information for Leeds easily available, partnership activities will be well coordinated and we will have inspired mass action to reduce emissions.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
29. Develop a 'Climate Change Centre of Excellence' for Leeds, hosted on the Leeds Initiative website	Refine the Environment Leeds pages on the Leeds Initiative website to 3 sections for residents, organisations and partners. Buy and link a specific domain name to allow easy access. Over time, build up local case studies, stories, multi-media clips and links to sources of help for these three audiences.	Easily accessible source of help, support and inspiration	Leeds Initiative website now reorganised and populated with lots of useful information.
30. Deliver a climate festival in 2010 in partnership with the community in Leeds	Develop and deliver a 3 day climate festival with Leeds Initiative and city partners. Will focus on positive messages, include contributions from partners across the city, with a focus on the city centre but also activities in outlying area.	Create sense of mass action on climate change and increase pledges made	Agreement reached with CDD to attend Breeze on Tour July-August 2010.
	Develop and deliver another major photographic exhibition, similar to Earth from the Air.	Raised awareness and increase in pledges made	No funding to bring Britain from the Air but Events Team investigating alternative free exhibition.
	Support Intergenerational Celebration Week (Green Generations) Festival 2010 by providing publicity and contacts	Increased awareness in environmental issues, particularly amongst older generations and increase in pledges	A total of 715 participants attended 10 events.
	Deliver World Environment Day Activities as per communications strategy.	Increased awareness in environmental issues and pledges made	Press release issued and websites updated.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Support Aire Action Leeds partnership to include climate change as a theme in the Waterfront Festival	Increase in pledges made	-
	Delivery of major outdoor photographic exhibitions (Earth from the Air & Call of the Wild) with strong environmental theme to raise consciousness of global environmental issues.	Increased circulation of Environment Leeds and raised awareness	n/a
31. Deliver the climate change communications strategy in partnership with communication outlets throughout Leeds, focusing on the Charter and Pledge	Develop and deliver climate change communications strategy	Strategy in place leading to increased exposure of positive climate change messages	Strategy being delivered.
	Develop, deliver and communicate a sustainability leadership programme for senior managers, directors and Members, utilising support from external partners.	Greater understanding of key sustainability issues amongst decisions makers, allowing integration with existing work programmes, One Council working and greater efficiencies.	Successful Leeds Legacy event held December 2010 hosted by Forum for the Future.
	Europe Direct Leeds work programme 2010/11 to include climate change as a communication priority and bid for funds for events	Increase awareness of EU climate change policies and implications for people of Leeds.	Funding of 4000 euros confirmed for 2 larger scale events in planning.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Continue to produce Environment Leeds publication quarterly to promote our partners excellent initiatives	Increased awareness in environmental issues and pledges made	Review of publication and distribution complete; recommendations to reduce print run and conduct further research into environmental comms and behaviour change.
32. Develop a work programme to encourage and support young people to get involved with climate change activities, through schools and the youth council	Work with the West Yorkshire authorities to deliver Green Day '10 across all 5 local authority areas, providing incentives for schools to get involved and to create legacy programmes.	50 schools supported to dedicate a whole day to climate change issues.	43 Leeds schools are participating in Leeds Schools Green Day 2010 including primary, secondary and specialist schools.
	Link with Europe Direct Leeds 2010/11 work programme to include additional climate change events for children and young people	Increase young people's awareness of climate change issues	Events at Breeze; Information pack for Leeds
	Continue to deliver the Healthy Schools, Sustainable Schools and Green Check programmes to support schools to reduce the impact of their operations and to increase awareness of climate change issues amongst pupils. (examples of growing projects, recycling, renewables and awareness projects)	All schools to have environmental management system in place.	Pilot sustainable schools programme is being extended to all schools from September 2010 with commissioned support from 6 Lead Partner Sustainable Schools supporting local area networks of registered schools.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Stan Kenyon Schools Challenge. Themed local environmental education projects prepared by schools are asked to consider climate change as part of their work. Theme for 09 is 'lungs of the city' and consider recycling as the topic for Stan Kenyon for 2010 challenge.	Increased awareness amongst young people. Actions in schools and the local community to combat climate change.	15 annual challenges completed. 90 schools have participated. Many school and local projects completed.
	'Think Climate, Think Change' Europe Direct funded competition 2009/10 for schools organised by Libraries, Museums and Education Leeds.	Increase young people's awareness of climate change issues	COMPLETED 141 people attended the prize giving event, at 'A Greener City' launch Jan 2010 in Leeds Museum. Winning schools were Benton Park High School and Five Lanes Primary School, with Hawksworth C of E School commended.
	Promote free European Commission materials and resources on climate change and environment to schools to increase use	Increase teachers and young people's awareness of climate change issues	New schools folder / information pack now ready for distribution Sept 2010.
	CABE Green Days 08 and 09	23 schools in 2008 and 47 schools in 2009 supported to dedicate a whole day to climate change issues.	n/a

Moving to a Low Carbon Economy

By 2011, the economic imperative of successfully tackling climate change is clear to the Leeds business community and a skills development programme has been agreed to help develop the low carbon economy.

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
33. Complete an assessment of the economic value of the risks and opportunities from climate change in Leeds and reflect these findings in future plans	<p>MAJOR</p> <p>Provide economic data and intelligence to support the University of Leeds to help complete an assessment of the impact of climate change on the economy of Leeds, under business as usual and low carbon economy scenarios.</p>	A persuasive economic rationale for increased support for the transition to a low carbon economy and clear priorities.	Ongoing. At risk of loss of Yorkshire Forward funding.
	Help to disseminate the findings of the University of Leeds' study to local partners and to build the outcomes into future economic plans for Leeds.	Understanding and support from partners to prioritise the low carbon economy in Leeds.	n/a
34. Work with the Economy and Skills partnership to jointly understand the skills gaps and new skills required to achieve a low carbon, resilient, economy	Action tbc, but will build on the outcome of the economic assessment for Leeds (action 33)	Tbc	n/a

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
35. Encourage the use of sustainable procurement to drive demand for low carbon goods and services	Evidence of additional collaborative approaches (regionally, locally and within the LA sector) taken to reduce carbon impacts in service delivery	Increased efficiency, reduced cost and lower carbon procurement of goods and services	-
	<p>MAJOR</p> <p>Where there is scope to do so, measures to reduce carbon impacts throughout the commissioning cycle are introduced based on recommendations from the SRP toolkit.</p>	Reduced direct and indirect carbon emissions from procurement of goods and services.	Awaiting update
	Business case to ban the use of bottled water from our buildings on environmental and cost grounds accepted by Council. New contract brought in that only services plumbed-in water coolers.	Cost reduced by 2/3rds; reduction in consumption of plastic and reduction in CO ₂ emissions from transporting water bottles.	n/a
	Tender for new taxi service contract awarded 1/3 rd of the marks for environmental performance. Scored using calculation of average CO ₂ /km for each taxi fleet.	Companies with low carbon fleets prioritised leading to lower CO ₂ emissions for NI185; influence purchasing decisions of taxi companies.	n/a
	Tender for laundry service for social services weighted environmental performance and used Whole Life Costing, including energy use, to encourage low energy and CO ₂ machines.	Direct CO ₂ reduction through use of more energy efficient machines.	n/a

Strategy commitment	LCC specific actions	Outcome	Annual Progress Update
	Gas supply contract included strict environmental criteria, resulting in the winning contract providing significant benefits to the council including use of Automatic Meter Reading (to avoid estimated bills), provision of CERT funding for energy efficiency in social housing and reduced CO ₂ emissions from supply chain.	Reduced direct CO ₂ , energy savings and funding for social good.	n/a