

## PERFORMANCE SCRUTINY PANEL - 10TH OCTOBER 2017

### Report of the Head of Planning and Regeneration

#### ITEM 8 DELIVERY OF THE CLIMATE LOCAL ACTION PLAN

##### Purpose of Report

To provide members with an update on the progress in implementing the Council's Climate Local Action Plan.

##### Action Requested

The Committee is asked to consider the content of the report.

##### Reason

To ensure that progress on the Action Plan is monitored, in accordance with the Panel's work programme.

##### Policy Context

The Climate Local Action Plan was approved by Cabinet at its meeting in March 2014 (minute 112 13/14 refers). The Plan sets out the Council's activities in response to the challenges of climate change and how it will encourage others in the Borough to take similar steps. The Action Plan has set local targets and actions and the context for reporting regularly on progress under the strategic direction provided by the Cabinet's commitment to Climate Local, signed by the Leader in November 2013.

The Climate Local Action Plan contributes to the Council's 2016-2020 Corporate Plan aim to 'take action to protect the environment for future generations'.

##### Background

The Climate Local Action Plan sets out the Council's approach to addressing climate change. It takes into account the Council's own ambitions to reduce carbon emissions from its own estate and operations as well as means by which the wider community can adapt to climate change and reduce carbon emissions.

A progress report for the Climate Local Action Plan was considered by the Performance Scrutiny Panel in October 2016 (minute 28 16/17 refers). At that time 44 out of the 57 actions had been completed or progress was as expected.

##### Monitoring Performance 2016/17

Progress against the actions within the Climate Local Action Plan is set out in Appendix A. The appendix identifies progress through a RAG rating where:

- the action has been completed (green);

- there is progress in accordance with expectations with minor work or issues outstanding (amber); or
- the action has not been met (red).

Commentary is also provided to explain progress or to provide additional information.

Overall, the status of the fifty seven actions within the action plan is as follows;

- forty seven actions have been completed or progress is as expected;
- four actions have been closed due to changes in funding;
- one action has been closed because of a change in Regulations rendering it obsolete; and
- five actions have not been met within the timescales.

### Summary of Actions 2016/17

Highlights within the actions completed during 2016/17 include:

#### **Publish annual statement confirming our commitment to tackling climate change**

A progress report on Climate Local commitments has been published and sent to the Local Government Association. A copy of the report is available on the Council website.

#### **Green Impact environmental accreditation awards scheme to showcase positive changes in environmental practice.**

The Council held its third year of the programme from November 2016 to June 2017. Five teams from across the Council engaging 85 members of staff competed and together completed 129 sustainability actions to improve green impact within the offices. Activities included an energy power down event, a Fairtrade coffee morning, staff workshops, a stationary amnesty, recycling checks, a swap shop promoting clothes recycling, printing and plant growing competitions.

Two teams achieved the gold award, one team achieved the silver award, one team achieved a 'working towards silver' award, and one team achieved the bronze award. An awards ceremony was held in August 2017 to celebrate the successes. The fourth year of the programme will be launched in November 2017.

#### **Publish a Local Authority Carbon Management Plan which establishes the scope for carbon and cost reduction.**

In 2015, the Council developed a Carbon Management Plan which set a target to achieve a 15% reduction in carbon emissions by 2020, against a 2012/13 baseline.

Carbon reduction projects have included LED lighting upgrades at Beehive Lane carpark and sheltered accommodation blocks, heating systems upgrades at Charnwood Museum and Woodgate chambers and the leasing of four electric vehicles to replace diesel vehicles.

The first year monitoring report has shown the Council's carbon footprint reduced from 1,793 tCO<sub>2</sub>e in 2012/13 to 1,711 tCO<sub>2</sub>e in 2015/16, with an associated cost

reduction of £730,021 to £593,203. This represents a decrease in emissions of 20% and a 4% reduction in costs between 2012/13 and 2015/16. This reduction exceeds the 2020 target.

Whilst the reduction in emissions and costs is encouraging it should be noted that the performance may be higher in part due to 30% warmer temperatures in 2015/16 than in 2012/13 and a decrease in the electricity grid emissions factor due to the use of renewable technology.

Whilst the performance is encouraging the Council should continue to take action because of the risk of emissions increasing to ensure the 2020 target is met.

### **To ensure the Charnwood standard is implemented and maintained when the new capital works partner is established**

The non-decency standard remains at zero in general needs properties. In 2016/17 £165k was spent on communal area electrics which included LED lighting works.

### Summary of actions that have not been completed

### **Work with our partners to deliver sustainable transport improvement programmes for Loughborough.**

The Borough Council has continued to assess the impact of new developments through transport assessments and travel plans, when they are submitted alongside planning applications. The completion of the inner relief road for Loughborough aimed to improve public transport and reduce carbon emissions. Community sustainable travel programmes were delivered by the active travel team working. However, the target of a 2% reduction in road transport carbon dioxide (CO<sub>2</sub>) emissions in the Borough from a 2012 / 2013 baseline has not been met. Transport emissions increased from 312.2kt CO<sub>2</sub> from 2014 to 314.3kt CO<sub>2</sub> in 2015<sup>1</sup>. This could be in part due to an increase in population in the borough, reduction in fuel prices during this period and increase in congestion caused by roadworks.

### **We will reduce the amount of waste to landfill in the borough**

The annual figure for 2016-17 was 433kg, against a target of 400kg. The introduction of a co-mingled system for the collection of dry recycling (2011) has resulted in an increase of contaminated material and this has impacted on performance. The Council has been running campaigns focusing on reducing the levels of contamination.

### **Increase the household recycling rate**

The annual household recycling rate for 2016-17 was 47.41% against a target of 54%. Since the time the targets were set up (2008) there have been a few changes in terms of consumer habits; e.g. materials for packaging have become lighter, people access the news online rather than through newspapers etc. This has had a direct impact on the calculation for measuring the indicator. This target has been re-

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<sup>1</sup> Local Authority CO<sub>2</sub> emissions estimates within the scope of influence of Local Authorities 2005-2014 (kt CO<sub>2</sub>) – Published by the Department of Energy and Climate Change

adjusted for the extension period of the contract and at 50% for 2017/18 remains challenging but realistic.

### Overall Plan Performance

The 3 year action plan has now been completed with a number of successful actions being achieved to improve the environmental impact of the Council on the Community it serves. Highlights within the actions completed during the plan period 2014 - 2017 include:

#### **Climate Change recognised as a priority within the Corporate Plan.**

The 2016 - 2020 Corporate Plan has been published containing the theme: Creating a Strong and Lasting Economy. Under this theme the Council 'will maintain our commitment to our environment, celebrating its significance to both our heritage and future economy and take action to protect the environment for future generations'.

#### **Promote environmental education programmes.**

Environmental education programmes have been delivered to 23 schools across the Borough on the 'Enviro Detectives' resource and '5 Star Community' project, with over 999 children being engaged. The 'Don't Muck Around' Awards have been promoted to Schools and Young People with 19 entries/pledges achieved.

#### **Encourage residents to adopt energy efficient measures.**

Private sector housing provides a signposting service to relevant services, such as, the Energy Saving Trust and provides support on government initiatives such as Warm Homes Healthy Homes. Up to 100 free energy monitors were distributed to households in fuel poverty. Information on energy efficiency measures is available on the Council Website. Domestic emissions of Carbon Dioxide in Charnwood fell from 280.1kt CO<sub>2</sub> in 2014 to 274.3kt in 2015<sup>2</sup>.

#### **Update the Energy Performance Certificate (EPC) records for social housing**

The solid wall insulation programme has been largely completed therefore no further EPCs have been undertaken as part of this process. The cumulative number of EPCs completed is 1991 with an average energy efficiency band D. Options will be explored for expanding the programme for future years targeting properties that fall within conservation areas.

#### **Introduce an electric charging point programme for Beehive Lane Car Park.**

Four charging points have been installed in the Beehive Lane carpark and four electric vehicles leased as part of the Council's fleet vehicles.

#### **Promote cycling, walking, and running and other physical activity.**

There have been several projects completed including active travel events which engaged 20 workplaces with 315 participants and a further 5 campaigns with 600

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<sup>2</sup> Local Authority CO<sub>2</sub> emissions estimates within the scope of influence of Local Authorities 2005-2015 (kt CO<sub>2</sub>) – Published by the Department for Business, Energy & Industrial Strategy

attendees. There have been 22 Sky Ride Local rides in Charnwood with 298 attendances. Four walking groups have been established in Charnwood and two walk leader training courses have taken place. Over 10 walks have been organised targeting local workplaces and community walks as a part of the guided walks programme. The number of attendances across all these initiatives has been 238.

**Promote sustainable design in buildings.**

The Design Awards Scheme has been implemented and a Sustainable Design Category incorporated. The scheme is scheduled to run on a bi-yearly basis with an event happening in 2017.

**Develop Charnwood Community Flood Plans.**

The Charnwood Community Flood Plan & recommendations were implemented in 2014 and a review held in February 2016.

**Update the Charnwood Strategic Flood Risk Assessment.**

The Charnwood Strategic Flood Risk Assessment 2014 has been published and is being used to support development decisions.

**Work with partners to ensure operations, estates, assets and equipment is resilient to climate change.**

The Corporate Business Continuity Plan was reviewed in August 2017 and signed by the Chief Executive. The review included a review against the latest assessment of climate impacts in the Local Resilience Forum Community Risk Register.

Report Implications

The following implications have been identified for this report.

*Financial Implications*

The strategy and action plan has been delivered within existing resources and through the pursuit and capture of external funding where appropriate.

*Risk Management*

The risks associated with the delivery of the Action Plan and proposed actions to mitigate those risks are set out in the table below.

Risk Identified	Likelihood	Impact	Risk Management Actions Planned
Council Service areas and operational managers not sufficiently engaged to deliver the climate change agenda,	Moderate	Moderate	Ensure there is corporate ownership and engagement with key stakeholders is coordinated across the Council. Report progress on the Climate Change Action

Risk Identified	Likelihood	Impact	Risk Management Actions Planned
resulting in failure to achieve performance targets and objectives.			Plan to the Performance Scrutiny Panel.
Changes in government policy or funding affect the ability to deliver the action plan in its current form.	Moderate	Moderate	Monitor for anticipated changes in the policy or funding landscape and adapt the action plan through regular reviews.

### *Equality and Diversity*

An equalities impact assessment of Climate Local identified a positive impact to the local community due to actions leading to a reduction of the effects of Climate Change.

### *Sustainability*

Climate Local will make a significant contribution to the Council's progress on Sustainability.

Background Papers: [Climate Local Action Plan March 2014](#)  
[Climate Local](#)

Appendices:

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## Appendix A

### Climate Local Action Plan

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
<b>Raising Awareness</b>							
1.1.1	We will demonstrate political leadership for local action on climate change	Climate Change recognised as a priority within the Corporate Plan	Ensure Climate Change is scheduled for inclusion in the Corporate Plan for 2016-2020	Corporate plan published with Climate Change as a key priority	2016	The 2016 - 2020 Corporate Plan has been published.  Under the theme: Creating a Strong and Lasting Economy the Council will 'take action to protect the environment for future generations'	Green
1.1.2	We will demonstrate political leadership for local action on climate change	Publish annual statement confirming our commitment to tackling climate change	Annual progress report on Climate Local commitments published and issued to the Local Government Association, to members and to the community	Report published	April 2016/17 (annually)	Progress updates have been collected for all actions and a report published. Report has been issued to the Local Government Association and available on the Charnwood website.	Green
1.2.1	We will educate and encourage the community on how they can take action on Climate Change to inspire local action	Promote environmental education programmes through on line media and community support	Engage with schools across the Borough on the 'Enviro Detectives' resource and '5 Star Community' project	Deliver 1 campaign & achieve 5 participating schools	April 2016/17	During 2016/17 there has been 1 educational campaign delivered reaching 208 students.	Green

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
1.2.2	We will educate and encourage the community on how they can take action on Climate Change to inspire local action	Promote environmental education programmes through on line media and community support action	Promote the 'Don't Muck Around' Awards to Schools and Young People	Achieve 10 entries/pledges from schools and young people	April 2016/17	5 pledges from schools have been received this year and with previous years entries this target has now been achieved.	Green
1.2.3	We will educate and encourage the community on how they can take action on Climate Change to inspire local action	Promote environmental education programmes through on line media and community support action	Promote the SCoRE (Schools Collaboration on Reducing Energy) programme	Deliver 1 promotional campaign	April 2014	The SCoRE programme has been promoted to schools. Leicestershire County Council is leading on the programme. SCoRE+ is being developed for delivery in 2018 to provide schools with bespoke support, advice and guidance to undertake activities that reduce energy consumption.	Green
1.2.4	We will educate and encourage the community on how they can take action on Climate Change to inspire local action	Encourage residents to adopt energy efficient measures by signposting to relevant services, such as, the Energy Saving Trust and provide information on government policies, such as the Feed in Tariffs (FITs) and the	Reduction in Carbon Dioxide Emissions in the Borough	2% reduction in domestic CO2 emissions in the Borough from 2012 / 2013 baseline	April 2017	Private sector housing provides a signposting service.  Information on energy efficiency measures are provided on the Council Website.  Domestic emissions fell from 280.1kt CO <sub>2</sub> in 2014 to 274.3kt in 2015 <sup>3</sup> .	Green

<sup>3</sup> Local Authority CO<sub>2</sub> emissions estimates within the scope of influence of Local Authorities 2005-2015 (kt CO<sub>2</sub>) – Published by the Department for Business, Energy & Industrial Strategy

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
		Green Deal / Energy Company Obligation (ECO).					
1.3.1	We will promote a low carbon local economy	Encourage businesses to adopt energy efficient measures by signposting to relevant services, such as, the Energy Saving Trust and provide information on government policies, such as the Feed in Tariffs (FITs) and the Green Deal	Engage with Businesses to promote energy efficiency. Details made available on website and publications. Monitor effectiveness via online feedback form	Deliver 1 promotional campaign	April 2016	A Green Business Fund workshop in partnership with the Carbon Trust was held at Loughborough Town Hall for small and medium sized enterprises.  The Council released an article to showcase success of event and raise awareness	Green
1.4.1	Implement an environmental behaviour change programme at the Council	Take part in the Green Impact environmental accreditation and awards scheme to showcase positive changes in environmental practice	Programme in place Questionnaire to staff on feedback of scheme	2% year on year reduction in Council CO <sub>2</sub> emissions from 2012 / 2013 baseline	April 2017	There were five teams from across the Council completing actions on sustainability. An awards ceremony was held in August 2017.  Feedback from staff surveys has been very positive.  The fourth year of the programme is being developed to be launched in Autumn 2017.	Green
<b>Reducing Our Impact on Climate Change</b>							
2.1.1	We will measure and reduce carbon emissions across Council	Publish a Local Authority Carbon Management Plan which establishes the scope for	Reduction in carbon emissions from energy saving schemes, e.g. Installing	2% year on year reduction in Council CO <sub>2</sub> emissions from 2012 / 2013	April 2017	In 2015/16 the Council's carbon footprint was 1,711tCO <sub>2</sub> e, with an associated cost of £593,203. This represents a decrease in emissions of 20% and a 4% reduction in costs between 2012/13 and 2015/16.	Green

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
	Buildings and Fleet	carbon and cost reduction	energy saving lights to the Beehive car park, Southfield reception & Oak Business centre.	baseline			
2.1.2	We will measure and reduce carbon emissions across Council Buildings and Fleet	Publish a Local Authority Carbon Management Plan which establishes the scope for carbon and cost reduction	Production of annual greenhouse gas emission report to DECC	Production of annual greenhouse gas emission report to DECC	July 2014 (Annually)	The 2016-17 annual greenhouse gas emissions report has been prepared.	Green
2.1.3	We will measure and reduce carbon emissions across Council Buildings and Fleet	Review the costs and incentives for renewable and low carbon energy solutions in refurbishment, building and maintenance programmes and seek to access funding for viable projects	Number of schemes implemented against the carbon management plan will be determined once the plan has been published	Carbon savings will depend on schemes developed as part of the Carbon Management Plan	April 2020	<p>Projects implemented include LED lighting upgrades at Beehive Lane Carpark and sheltered housing schemes, new heating systems at Charnwood Museum and Woodgate Chambers.</p> <p>The carbon baseline for 2012/13 was 2,132 tCO<sub>2</sub> with an associated cost of £730,021. In 2015/16 the Council's carbon footprint was 1,763 tCO<sub>2</sub>e, with an associated cost of £593,203. This represents a decrease in emissions of 20% and a 4% reduction in costs between 2012/13 and 2015/16.</p>	Green
2.1.4	We will measure and reduce carbon emissions across Council Buildings and Fleet	Improve the energy efficiency of Council ICS servers and communications equipment	A rolling programme to move physical servers to a virtual system.	A rolling programme to move physical servers to a virtual system.	April 2017	6 out of 10 servers have been virtualised. The remaining 4 will not be virtualised but hosted off site onto a cloud system. This will further reduce carbon emissions for the Council. A key project for cloud migration is office 365 which has a timescale of April 2018. This system will provide cloud storage and better mobile access.	Green

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
2.2.1	We will improve the energy efficiency of residential housing	Work in partnership with other local authorities to establish the Domestic Energy Efficiency Partnership (DEEP) to deliver Green Deal and ECO in the community	Partnership in place and Green Deal and ECO provider selected	Partnership established and delivery of Green Deal / ECO in the community	April 2017	The establishment of a DEEP for Leicestershire has been discontinued due to the anticipated returns not being expected to be achievable	Closed
2.2.2	We will improve the energy efficiency of residential housing	4 Ways to Warmth - Carry out Home energy audits	Number of household energy audits	Deliver 50 Home Energy Audits	May 2014	Due to the closure of the Warm Homes programme there have been no audits delivered during the plan period.	Closed
2.2.3	We will improve the energy efficiency of residential housing	Deliver energy saving outreach programme to vulnerable consumers	Number of frontline workers & consumers supported	Deliver training to 40 frontline workers and 100 consumers	May 2014	Due to the closure of the Warm Homes programme there have been no training events delivered during the plan period.	Closed
2.2.4	We will improve the energy efficiency of residential housing	Assist private sector households with Green Deal and ECO assessments	Number of households that have received assistance	Deliver 100 Green Deal assessments	May 2014	This target was based on the success of a regional funding bid to DECC - made in early 2014. The bid was not successful as such the aims of the scheme proposed under the bid will not be met.	Closed
2.2.5	We will improve the energy efficiency of residential housing	Provide free energy monitors to households in fuel poverty	Number of energy monitors distributed	Distribute 100 energy monitors	May 2014	All energy monitors have been distributed.	Green
2.3.1	Monitor the energy condition of the Council	Update the Energy Performance Certificate (EPC)	Energy Performance Certificate records	400 EPC reviewed each year	April 2017	The solid wall insulation programme has been largely completed therefore no further EPCs have been completed as part of this process.	Green

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
	housing stock and improve through the installation of insulation measures, retrofit schemes and low carbon technologies	records for social housing to give a true reflection of the Councils SAP <sup>4</sup> ratings	updated			In total the cumulative number of EPCs completed is 1991. The average SAP is 67.44 and the average EPC rating band D.	
2.3.2	Monitor the energy condition of the Council housing stock and improve through the installation of insulation measures, retrofit schemes and low carbon technologies	Provide a top up roofing insulation programme and explore the available grants for tenants that are currently in fuel poverty.	Investment in top up roofing insulations	Invest £50,000 2014/15 Invest £40,000 up to 2017	April 2017	In 2016/17 roof insulation upgrades and re-roofing had been completed at 5 housing blocks and 39 individual properties. The total value of roofing works ordered in 16/17 was £354,704 (coverings, structure and insulation). EPC data will be used to identify properties for future programmes that require top up insulation.	Green
2.3.3	Monitor the energy condition of the Council housing stock and improve through the installation of insulation measures, retro-	Carry out stock condition surveys to aid in planning the required budget to maintain the council's housing stock over the next 30 years	Stock condition surveys	Update stock condition data base with 400 surveys annually	April 2017	There were 596 stock condition surveys in 16/17 for decent homes. The opportunity exists for the new Decent Homes contractor to undertake stock condition surveys as part of the new service planned to roll out in April 2018.	Green

<sup>4</sup> The Standard Assessment Procedure (SAP) is the methodology used by the Government to assess and compare the energy and environmental performance of dwellings. Its purpose is to provide accurate and reliable assessments of dwelling energy performances that are needed to underpin energy and environmental policy initiatives.

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
	fit schemes and low carbon technologies						
2.3.4	Monitor the energy condition of the Council housing stock and improve through the installation of insulation measures, retrofit schemes and low carbon technologies	To ensure the Charnwood standard is implemented and maintained when the new capital works partner is established	Ensuring the 'Charnwood Standard' is in place and maintained	Reduce numbers of properties not meeting standard by 1,970 (deliver standard for all properties within five years)	April 2017	Non-decency remains at zero in general needs properties.  In 16/17 £165k was spent on communal area electrics which included LED lighting works.  The Charnwood Standard will be reached by the end of March 2018 for general needs stock.	Green
2.4.1	We will use the planning system to encourage a low carbon community	Encourage a sustainable pattern of development supported by a low carbon transport infrastructure that encourages walking, cycling and public transport use	Adoption of the Core Strategy & monitoring the implementation of policies such as CS17 Sustainable Transport	Plan adopted & policies monitored	October 2014	The Core Strategy was adopted in November 2015.  An annual monitoring report has been prepared for policies in the strategy.	Green
2.4.2	We will use the planning system to encourage a low carbon	Encourage a sustainable pattern of development supported by a low	Assess the impact of major developments through Transport	2% reduction in road transport CO <sub>2</sub> emissions in the Borough	April 2017	The Borough Council has continued to assess the impact of new developments through transport assessments and travel plans, when they are submitted alongside planning applications.	Red

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
	community	carbon transport infrastructure that encourages walking, cycling and public transport use	Assessments and Travel Plans	from 2012 / 2013 baseline		Transport emissions increased from 312.2kt CO <sub>2</sub> from 2014 to 314.3kt CO <sub>2</sub> in 2015 <sup>5</sup> .	
2.4.3	We will use the planning system to encourage a low carbon community	Developers will be encouraged to build homes and other buildings to high energy standards, with low embodied energy and promote renewable energy	Number of schemes exceeding building regulations in terms of energy efficiency.	2% increase in schemes from 2012/13 baseline	April 2017	From April 2015 any new build housing is required to meet the new level of SAP <sup>6</sup> to comply with the Building Regulations. This exceeds the 2% target above 2012/13 baseline.  Building Control is only able to secure dwellings in accordance with the SAP rating rather than exceeding the baseline target. The requirement has therefore been closed.	Closed
2.4.4	We will use the planning system to encourage a low carbon community	Promote sustainable design in buildings	Implementation of a 'Sustainable Design' category in the Charnwood Design Awards.	Design Awards Scheme implemented & Sustainable Design Category incorporated	April 2017	The Design Awards Scheme has been implemented & a Sustainable Design Category incorporated.  The scheme will be running again in 2016/17.	Green
2.5.1	We will reduce the impact of car use associated with work and commuting at Charnwood	Prepare and implement a sustainable travel plan for staff	Travel Plan published and communicated to staff	2 new schemes introduced	April 2017	Travel Plan has been published A travel incentive scheme has been introduced for all staff. A car sharing scheme is available to all members of staff.	Green

<sup>5</sup> Local Authority CO<sub>2</sub> emissions estimates within the scope of influence of Local Authorities 2005-2014 (kt CO<sub>2</sub>) – Published by the Department of Energy and Climate Change

<sup>6</sup> The Standard Assessment Procedure (SAP) is the methodology used by the Government to assess and compare the energy and environmental performance of dwellings. Its purpose is to provide accurate and reliable assessments of dwelling energy performances that are needed to underpin energy and environmental policy initiatives.

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
	Borough Council						
2.5.2	We will reduce the impact of car use associated with work and commuting at Charnwood Borough Council	Assess the feasibility of electric or hybrid vehicles when the Council's existing fleet vehicles are replaced	Number of electric or hybrid vehicles purchased / leased	1 electric vehicle purchased	2017	Four electric vehicles have been leased.	Green
2.6.1	We will encourage active and sustainable travel	Work with our partners to deliver sustainable transport improvement programmes for Loughborough	Implementation of the 'Choose How you Move: Smarter Travel for Business schemes', such as, 'Wheels to Work', 'Access to Work' grants, walking & cycling network improvements, promotion of sustainable travel modes, and the development of travel phone apps and smarter ticketing	2% reduction in road transport CO <sub>2</sub> emissions in the Borough from 2012 / 2013 baseline	2017	The active travel team are working with partners to promote sustainable transport modes. Road transport emissions will be reported upon the yearly release by the Department of Energy and Climate Change (DECC) of the sub-national greenhouse gas emissions statistics.  Transport emissions in Charnwood increased from 3.12.2t CO <sub>2</sub> per person from 2014 to 314.3t CO <sub>2</sub> in 2015 <sup>7</sup> .	Red
2.6.2	We will encourage active and sustainable	Work with our partners to deliver sustainable transport	Completion of the inner relief road for Loughborough to improve public	2% reduction in road transport CO <sub>2</sub> emissions in the Borough	2017	The inner relief road project has been completed. Road transport emissions will be reported upon the yearly release by the Department of Energy and Climate Change (DECC) of the sub-national	Red

<sup>7</sup> CO<sub>2</sub> emissions within the scope of influence of Local Authorities 2005-2013 (kt CO<sub>2</sub>) – Published by the Department of Energy and Climate Change

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
	travel	improvement programmes for Loughborough	transport and reduce carbon emissions.	from 2012 / 2013 baseline		greenhouse gas emissions statistics.  Transport emissions in Charnwood increased from 312.2t CO <sub>2</sub> in 2014 to 314.3t CO <sub>2</sub> in 2015 <sup>8</sup> .	
2.6.3	We will encourage active and sustainable travel	Introduce an electric charging point programme for the Beehive Car Park	Funding application in place for electric charging point	Electric charging point installed	December 2014	4 charging points have been installed in the Beehive Lane carpark.	Green
2.6.4	We will encourage active and sustainable travel	Promotion of the Government Plug In Car Scheme to increase the take up of ultra-low emission vehicle technologies including electric cars and vans	Information provided on Council website	1% increase of electric vehicles in the borough from 2012/2013 baseline	April 2017	Information on the Plug In Car Scheme is available on the Charnwood website.  Based on EV registrations in Charnwood (Dec 14) there are 28 cars and 2 vans. There were 6 cars and 0 vans registered in 2013.	Green
2.6.5	We will encourage active and sustainable travel	Promote cycling, walking, and running and other physical activity	Engage with workplaces in the Borough	Engage with 20 workplaces and 200 participants annually	April 2017	The project has engaged 20 workplaces through active travel events and activities with 315 participants.  The Active Travel Development Officer post finished at the end of March 2015 with the completion of Leicestershire County Council's 2 year 'Smarter Travel for Business' project, funded through the Department for Transport's Local Sustainable Transport Fund (LSTF).	Green
2.6.6	We will encourage active and	Promote cycling, walking, and running and other	Deliver campaigns and achieve new	Deliver 6 campaign weeks and	April 2017	The project has delivered 5 campaigns with 600 attendees.	Green

<sup>8</sup> CO<sub>2</sub> emissions within the scope of influence of Local Authorities 2005-2013 (kt CO<sub>2</sub>) – Published by the Department of Energy and Climate Change

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
	sustainable travel	physical activity	participants in sport and physical activity annually	achieve 600 new participants		As 2.65	
2.6.7	We will encourage active and sustainable travel	Promote cycling, walking, and running and other physical activity	Deliver the sky ride local programme to workplaces and families	Deliver 10 led rides and achieve 300 participants annually	April 2017	There have been 22 Sky Ride Local rides in Charnwood with 298 attendances. The Active Travel Development Officer (ATDO) has attended a variety of events to promote the Sky Ride Local programme and raise awareness of local cycle routes. There have also been council led rides during holiday periods to add cycling into the range of activities available to families. Across the rides and events there have been over 1500 participants.  As 2.65	Green
2.6.8	We will encourage active and sustainable travel	Promote cycling, walking, and running and other physical activity	Develop and promote new and existing walking initiatives	2 new walking groups, 90 regular walkers and training 10 walk leaders with total attendances of 2500 annually	April 2017	Four walking groups have been established in Charnwood and two walk leader training courses have taken place.  Over 10 walks have been organised targeting local workplaces and community walks as a part of the guided walks programme  The number of attendances across all these initiatives has been 238.  As 2.65	Green
2.7.1	We will work with partners to increase efficiency and reduce carbon emissions in	Establish carbon foot print of fleet services used for Council contracts	Carbon footprint study completed.	Carbon mitigation plan in place to achieve reductions	April 2017	Carbon footprint study completed and issued to contractors and fleet managers.	Green

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
	vehicles used for contracted out services						
2.8.1	We will reduce the amount of waste to landfill in the borough	Zero Waste Strategy in place to divert waste from landfill and improve recycling	Waste sent to landfill as a percentage	Reducing the amount of residual waste collected to 400kg per household by 2017	April 2017	<p>The annual figure for 2016-17 was 433kg, against a target of 400kg</p> <p>The reason for this increase is due to the increased contamination levels in the dry recycling stream (kerbside).</p> <p>The introduction of a co-mingled system for the collection of dry recycling (2011) has resulted in an increase of contaminated material.</p> <p>Charnwood Borough Council has been running campaigns focusing on reducing the levels of contamination.</p>	Red
2.9.1	We will increase the rates of recycling and reuse within the borough	Increase the household recycling rate	Tonnages of green waste and recycling as a percentage	Contractors to achieve a 54% household recycling rate	April 2017	<p>The annual household recycling rate for 2016-17 was 47.41% against a target of 54%</p> <p>One of the main reasons for this difference is due to the way this indicator is calculated. Since the time the targets were set up (2008) there have been a few changes in terms of consumer habits; e.g. materials for packaging have become lighter, people access the news online rather than through newspapers etc.</p> <p>This target has been re-adjusted for the extension period of the contract (50% for 2017/18) so that is challenging but also achievable.</p>	Red

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
2.9.2	We will increase the rates of recycling and reuse within the borough	Implement waste education / promotional campaigns	Deliver the following promotional campaigns: 'Fresher's Fair' at Loughborough University; Recycling Amnesty in Student areas, 'Cash for Trash' and talks at Beavers and Brownies	Deliver 4 waste promotional programmes on an annual basis	April 2017	The following promotional campaigns have been carried out during 2016/17 Recycling Right Campaign, Fresher's Fair at the University; Recycling Amnesty with University Students; Market stall in Loughborough Town Centre, talks at School.	Green
<b>Resilience</b>							
3.1.1	We will work in partnership to improve mapping of areas at risk from flooding, and the prediction of future flood risk	Develop Charnwood Community Flood Plans with the lead flood agency, Leicestershire County Council (LCC), the Environment Agency (EA) and other Local Resilient Forum (LRF) partners.	Adoption of Charnwood Community Flood Plans & recommendations being implemented	Plan adopted by December 2014	December 2014	The Community Flood Plan was reviewed in February 2016. The plan is currently being reworked into a standard format to bring it in line with other flood plans across the Leicestershire area. Flood warning area maps and flood warden contact details are being updated.	Green
3.1.2	We will work in partnership to improve	Update the Charnwood Strategic Flood	Study published and supporting development	Study published by April 2014	April 2014	The Charnwood Strategic Flood Risk Assessment 2014 has been published and is being used to support development decisions.	Green

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
	mapping of areas at risk from flooding, and the prediction of future flood risk	Risk Assessment	decisions				
3.2.1	We will help the community in the face of threats from flooding	Promote the Community Flood Warden Monitoring Scheme in conjunction with the Local Resilience Forum (LRF)	Number of Flood Warden Monitoring Schemes established.	13 number of schemes established	April 2017	There are 31 flood scheme areas of which 21 have flood wardens established.  A recruitment drive will be held early in 2018 to try to increase the number of wardens.	Green
3.2.2	We will help the community in the face of threats from flooding	Promote the Community Flood Warden Monitoring Scheme in conjunction with the Local Resilience Forum	Up to date information about the flood wardens scheme made available on Charnwood and LRF websites.	Website Updated on a regular basis	April 2017	The LRF website has been updated, and resilience pages are now available for communities, individuals and businesses.  LRF web site includes a community resilience tool kit including why we need flood wardens and how to become involved: <a href="https://www.llrprepared.org.uk/prepared-communities/flood-warden/">https://www.llrprepared.org.uk/prepared-communities/flood-warden/</a>  LRF Prepared week is now an annual event. The 2017 event will be held 9-13 October.	Green
3.2.3	We will help the community in the face of threats from flooding	Training of Flood Wardens	Number of Flood wardens trained	13 new flood wardens	April 2017	A number of flood wardens have taken the decision to retire, or have moved away from the area. There are currently 31 flood wardens. A recruitment drive will be held early in 2018 to recruit more wardens, especially in the ten flood warning areas who currently have no designated flood wardens.	Green
3.2.4	We will help the	Ensure new	Adoption of the	Plan adopted	October	Core Strategy adopted November 2015.	Green

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
	community in the face of threats from flooding	development is located in areas that avoid flooding	Core Strategy & monitoring the implementation of policies such as CS16 Sustainable Construction & Energy	and policies monitored	2014	An annual monitoring report has been prepared for policies in the strategy.	
3.2.5	We will help the community in the face of threats from flooding	Ensure new development is located in areas that avoid flooding	Number of planning applications refused on flood risk grounds.	Number of planning applications refused on flood grounds since the adoption of the Core Strategy	April 2015	Core Strategy adopted November 2015  An annual monitoring report has been prepared for policies in the strategy.	Green
3.3.1	We will work with communities and businesses to increase resilience to future changes in climate	Advise residents on steps to increase resilience	Number of people signing up to flood warnings (data from Environment Agency).	5% increase of people signing up compared to 2012/2013 baseline	April 2017	People advised to sign up during training and awareness materials on web/leaflets. The enhanced LRF web site promotes awareness and use of these resources.  Environment Agency/Met Office service which has made it difficult to confirm numbers.	Green
3.3.2	We will work with communities and businesses to increase resilience to future changes in climate	Consider development of community resilient plans with Parish Councils once Local Resilient Forum (LRF) evaluation of the process in Harborough District	Number of community resilient plans in place	To be determined once development of plans established	2015/16	Community Resilience Planning has advanced considerably in recent months. The Community Resilience Plans for Sileby and Syston are nearing completion, with work on another for Barrow-upon-Soar about to start.  Parish clerks in all areas will be contacted in Autumn 2017 to attempt to raise interest in other areas	Green

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
		is complete					
3.3.3	We will work with communities and businesses to increase resilience to future changes in climate	Promote the Climate East Midlands Business adaptation guide for business	Information provided on website, forums, seminars & business groups	Deliver 1 new promotional campaign annually	2015	Copies of the 'Weathering the Storm' guide have been distributed to approximately 80 businesses at the Charnwood Business Breakfast on 28 August 2014.  The Council website has been updated to include a Sustainable Business Page, which provides a link to the guide.	Green
3.4.1	We will ensure business continuity planning at Charnwood Borough Council is resilient to climate impacts	Work with partners to ensure operations, estates, assets and equipment are resilient to climate change / severe weather	Annual assessment of business continuity plans and reviews of live incidents.	Publication of report by 2015	April 2015	The Corporate Business Continuity Plan was reviewed in August 2017 and signed by the Chief Executive. The review included a review against the latest assessment of climate impacts in the LRF Community Risk Register.  A back-up generator has been installed on site to provide additional resilience for CCTV, IT and phone systems.	Green
3.5.1	We will ensure that Council owned open spaces and habitat are well adapted to the changing climate	Work in partnership to maximise the knowledge of wildlife and heritage value of Charnwood land by carrying out biodiversity and heritage audits.	Full list of Council owned land and their wildlife features	2 No. of Biodiversity & Heritage audits conducted	April 2017	Survey work has contributed to management plans at Stonebow, Outwoods and Springfield Lake.	Green
3.5.2	We will ensure that Council owned open spaces and habitat are well adapted to the	Following the biodiversity audit develop a wildlife action plan for Charnwood sites	Publication of a Wildlife Action Plan for Council owned land	Wildlife Action Plan published	April 2017	Evidence has been collected on a site by site basis and reflected in adopted management plans starting with the key wildlife sites within the Leicester and Rutland New Landscape wildlife sites.	Green

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
	changing climate						
3.6.1	When new development is considered in areas which have nature conservation value care will be taken to ensure that risks can be managed through suitable adaptation measures, including the planning of green infrastructure	Protect and enhance native species and habitats to prepare for potential losses	Adoption of the Core Strategy & monitoring the implementation of policies such as CS11 Landscape and Countryside, CS12 Green Infrastructure and CS13 Biodiversity and Geodiversity	Core Strategy adopted by October 2014 and annual monitoring report published	April 2017	Core Strategy adopted November 2015  An annual monitoring report has been prepared for policies in the strategy.	Green
3.7.1	We will support healthy and ethical local food initiatives.	Promote the allotment scheme and community fruit and vegetable schemes	Number of new allotment schemes introduced.	2 no of new allotment schemes introduced	April 2015	The Green Gym has set up a growing project at Mountfields allotment.  The existing John Storer House allotment at Mountfield has been restored.  Preparation work for a new community garden has been undertaken and detailed plans are emerging to enable easier foraging of the sites abundant fruit crops.	Green
3.7.2	We will support healthy and ethical local food initiatives.	Promote the allotment scheme and community fruit and vegetable	Number of community fruit and vegetable schemes	2 no of fruit & veg schemes introduced	April 2015	The existing community garden at Mountfields has been supported by engaging contractors in feasibility work.	Green

Ref.	Commitment	Action	Measure	Target	Time-scale	Progress	Rank
		schemes	introduced.			Loughborough University has developed a fruit route scheme working with the local community  Raised planters containing fruit and vegetables have been provided with support from Men with Sheds adjacent to Queens Park.	
3.7.3	We will support healthy and ethical local food initiatives.	Work with farmers to promote and support the Loughborough Farmers Market	Number of businesses participating in the Farmers Market.	Sustain the number of businesses participating in the Farmers Market	April 2017	The Farmers Market in Loughborough is on the second Wednesday of every month and includes 20 Farm based businesses.  Depending on the season there has been 15–20 traders attending, selling a wide range of local produce.  Promotional campaigns have taken place during 2017 advertising the Farmers Market.	Green
3.7.4	We will support healthy and ethical local food initiatives.	Work with Action for Fairtrade to promote and support fair trade in the Borough	Information provided on website and sent to parish councils & council tenants	Deliver 1 promotion annually	April 2017	The Council supported the Loughborough Fairtrade Fayre in 2016. Fairtrade has been promoted as part of the Green Impact programme and staff events.  Fairtrade is promoted on the Council website.	Green