

Norwich City Council
SCRUTINY COMMITTEE

ITEM 6

REPORT for meeting to be held on 28 January 2016

Pre – scrutiny of the Environmental Strategy 2015-18

Summary:

The scrutiny committee meeting of 28 January will carry out pre-scrutiny of the council's Environmental Strategy.

The purpose of the session is to comment on the progress made against the objectives contained within the council's *Environmental Strategy 2015-2018* and make suggestions to cabinet regarding the council's ability to deliver the objectives within the Environmental Strategy action plan.

Conclusions:

The principles of scrutiny are provided in this report. Members are reminded that the programme of works and delivery timescales are contained within the Environmental Strategy 2015-2018.

Recommendation: To determine any recommendations to cabinet on the delivery of the council's *Environmental Strategy 2015-18*.

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Related documents: Environmental Strategy 2015-2018

www.norwich.gov.uk/Environment/EcolIssues/Documents/EnvironmentalStrategy.pdf

Report

1. The councils Environmental Statement is submitted for review and comment to the scrutiny committee. The Environmental Statement covers 2 years of progress which covers the transition from the previous strategy that ended in 2014 and the strategy agreed by cabinet which started on January 2015.
2. This report considers the progress made towards the objectives within the councils Environmental Strategy as part of the council's scrutiny and sustainable development panel processes.
3. The Environmental Statement for the period 2013-15 forms the basis of the information available for scrutiny to review progress; however the Climate Local commitment update has also been included to help inform members of the scrutiny committee.
4. The update provides an overview of progress using the Red/Amber/Green (RAG) status method. Further details of progress can be found within the environmental statement as both reports follow the same format with service areas being divided up identically across both reports for ease of accessibility and to avoid duplication of report writing.

Appendix A – Draft Environmental Statement 2013-15

1. Introduction:

- a) Welcome to our fifth environmental statement which covers the period from 1 April 2013 to 31 March 2015. The purpose of the statement is to provide an insight into what Norwich City Council is doing to reduce the environmental impacts of our city and the services we provide.
- b) Since the last environmental statement we have embarked on the second phase of our carbon management plan and begun delivery of the actions within our ambitious new environmental strategy. The production of these two key documents has given us a chance to take stock and consider where we can use our resources to best effect.
- c) There is a greater focus, in the new environmental strategy, on working with the wider community towards raising awareness of sustainable living choices and the part we can all play. To this end, in March 2015 we delivered the first One Planet Norwich – sustainable living festival in, which attracted over 6,500 visitors. The second festival will go ahead on 12 and 13 March 2016 at The Forum.
- d) The new strategy also sees an increase in the target to reduce the council's carbon emissions to a 40% reduction by 2019 (on a 2007 baseline). To date we have made a 30.6% reduction in carbon emissions, with new energy reduction projects coming online and assisting to reduce our carbon footprint and meet our target.
- e) As landlords we continue to upgrade our housing stock implementing a range of energy saving measures across thousands of city homes. The result has been an impressive average SAP rating of over 70, well above the national average of 59.
- f) Across the city we continue to work hard to manage new developments, maintain a free flow of traffic and deliver services such as recycling and waste collection in a way that balances the needs of those living, working and shopping in the city, with the need to preserve its historic character.
- g) Both national and local government continue to face significant financial challenges. But by using less natural resources, emitting less CO₂ and recycling where we can, we can maximise the opportunities to make financial savings as well as protect our environment, and it is more important than ever that we exploit these efficiencies to their full potential.
- h) As we continue to improve our environmental performance we can become a more resilient city that is better prepared for the challenges of decreased budgets, changing demographics, the effects of climate change and increasing fuel costs. Each section of the document gives a flavour of our future plans to achieve these aims.

Councillor Bremner: Cabinet Member for Environment and Sustainable Development

2. Priority 1a) Energy consumption – council owned buildings

- a) **Why is this so important?** Reducing environmental and financial cost to the authority is important to provide a resource efficient and effective service. The authority has, therefore, taken significant steps to reduce emissions from its facilities and services. In order to achieve this, the authority enlisted the support of the Carbon Trust, SALIX and the Energy Saving Trust. Work is well underway to review services, buildings and our actions to ensure that energy and resources are being used efficiently.
- b) **Action:** Take practical steps to improve the energy efficiency of the administrative buildings and other large buildings owned and leased by the council.
- c) **Output:** Annual measurable decrease in carbon emissions from council's buildings.
- d) **Results**
 - i) Continued annual reporting on CO₂ emissions.
 - ii) 30.6% reduction of energy consumption (from a 2007 baseline) against a 40% target. (This following adjustments to the DEFRA conversion factor in 2014 which negatively impacted previous calculations)
 - iii) City Hall achieved 'C' Display Energy Certificate for the first time
 - iv) Successful One Small Steps staff behaviour change campaigns
 - v) Upgrading Millar Hall community asset at the Norman centre
 - vi) Introduction of 'travel to work' plans for staff.
- e) **What are we going to do next?**
 - i) Upgrade lighting at Riverside Leisure centre to energy efficient LED lighting
 - ii) Investigate lighting upgrade in city churchyards to more energy efficient lighting
 - iii) Investigate energy efficient lighting in city surface car parks
 - iv) Upgrade lighting at City Hall to LED lighting
 - v) Improve heating pipework insulation at various sheltered housing schemes
 - vi) Fleet review and refresh for council pool vehicles
 - vii) LED lighting on the historic market

3. **Priority 1b) Energy consumption – housing and other buildings in the city**

- a) **Why is this important?** Norwich City Council recognises that it should show leadership in regard to our own estate and enable others to follow our actions.
- b) **Action:** Devise and implement a programme to deliver energy efficiency measures in housing and commercial assets.
- c) **Results:**
 - i) Installed twenty eight thermodynamic hot water systems in the first contract of its kind through the joint venture with NPS Norwich Ltd.
 - ii) Increased budget allocations to the loft and cavity wall insulation streams of work, recognising that these material whilst being identified as the 'low hanging fruit' of the insulation arena, play probably the single most important role in the package of insulation to the housing stock.
 - iii) Developing a programme of internal wall insulation delivery at Suffolk Square.
 - iv) Completed target of ensuring the housing stock has uPVC windows by 2014/2015.
 - v) Contributed to the production of the Home Energy Conservation Act (HECA) report.
 - vi) Successfully delivered the Cosy City project which, supported by DECC funding, has seen the installation of Solid Wall Insulation in 66 city homes, cavity wall insulation in 43 homes, loft insulation in 59 homes and new boilers in 32 homes.
- d) **What are we going to do next?**
 - i) Maintain and improve delivery of ECO – retrofit programmes of works across the housing stock.
 - ii) Continue to be involved in promoting home energy awareness and other campaigns for residents of Norwich.
 - iii) Promote Government energy-saving subsidies when available for Norwich a whole, a working group has been set-up with representatives from across the council.
 - iv) Liaising with the 'big-six' to utilise ECO funding opportunities.
 - v) Working alongside Anglia Water identifying and promoting the use of water meters within the housing stock where appropriate.
 - vi) Maintain and improve delivery of ECO – retrofit programmes of works across the commercial stock.
 - vii) Adapted the external wall insulation specification to completely remove cold-spots during the application of this material.
 - viii) We are continuing to monitor flue gas recovery units fitted to combination and are preparing a report for a detailed cost/benefit analysis.
 - ix) We have now included weather compensation devices as part of our specification when installing new combination boilers to domestic stock.

- x) Continue to investigate new and innovative technologies suitable for both housing and commercial stock including;
- Thermodynamic Hot Water Systems
 - Rainwater harvesting
 - Biomass boilers
 - Photo-voltaic systems
 - UPS backup generators in disaster recovery situation(s)

4. Priority 1c – Energy Consumption - Transport:

- a) **Why is this important?** Motor vehicles are a very significant contributor to the national carbon footprint. Our transport policies and plans aim to manage growth in motor vehicle traffic to help reduce congestion and reduce energy consumption. Within the urban area this means an emphasis on providing high quality alternatives to the private car.
- b) **Action:**
- i) Maximise the performance of the city's highway network to support the city's economy and further growth and the delivery of additional homes and jobs.
 - ii) Provide high quality routes for cyclists and improved facilities for pedestrians
 - iii) Improve the performance of bus services in the city through delivery of the bus rapid transport network.
 - iv) Maintain traffic flow on the highway network.
 - v) Manage air quality and reduce carbon emissions associated with transport.
- c) **Results:**
- i) On-going implementation of the pink pedalway
 - ii) Successfully bid for government funding to enable construction of the yellow and pink pedalway
 - iii) Completion of a major bus corridor linking the Dereham Road, Earlham Road and Unthank Road routes with the city centre including a new bus lane on Grapes Hill and bus priority on Chapelfield North and Theatre Street
 - iv) Improved provision for buses in St Stephens Street through the removal of private motor vehicle traffic
 - v) Successful roll-out of Walk Norwich programme and successful bid for additional government funding
- d) **What are we going to do next?** Transport for Norwich has been successful so far in managing traffic flows crossing the city. However, congestion is an

increasing problem, creating longer journey times, leading to 'rat running' through residential areas, and causing delays to buses. Improving transport systems in a historic city like Norwich is not easy and we need to look at a comprehensive range of measures, both within the city and on the important link roads, to enable people to access work, shops and leisure activities; and in a way that successfully delivers low carbon sustainable economic growth.

Our plans aim to provide high-quality alternatives to the car including public transport, cycling and walking and to reduce carbon emissions and the impact of transport on the environment and our communities.

5. Priority 2) Making procurement greener

- a) **Why is this important?** Procurement is central to delivering the Norwich City Council's priorities of 'Value for Money Services' and 'Prosperous City'.

Procurement is a critical function to identify the right Goods, Services, Contractors and Partnerships to support the delivery of the Environmental Action Plan, which in turn supports the Environmental Strategy.

Efficient and effective procurement results in:

- ethical and sustainable purchasing;
- optimises our use of resources;
- provides value for money; and
- a contribution to the provision of good quality services for the citizens of Norwich.

b) **Action:**

- i) To ensure the goods, works and services we procure balance quality, value for money and environmental considerations.

c) **Results:**

- i) 100 per cent of the authority's electricity continues to be sourced from a green supply.
- ii) International Green Apple Award for the Raspberry Pi project which saw old unused IT equipment recycled to help children develop ICT skills.
- iii) Silver award in the transformation in waste and environment category of the iESE (Improvement and Efficiency Social Enterprise) Awards
- iv) Water for council committee rooms continues to be sourced locally.
- v) Greener and more fuel efficient vehicles including 4 electric only pool cars as part of the vehicle leasing contract refresh.

d) **What are we going to do next?**

- i) Continue to implement the Business relationship and contract management strategy and toolkit to high value/low criticality and core contracts to ensure that all contractor's environmental management system (EMS) and carbon emissions are monitored appropriately.
- ii) Arranging for ethical and environmental disposal of redundant ICT equipment, including over 500 mobile phones. This will ensure that the majority of the equipment is refurbished, sold and re-used again to perform an ICT function with any remaining items being recycled.

6. Priority 3) Reduce and recycle

- a) **Why is this important?** Everyone produces waste, and while it cannot be eliminated, we can reduce its environmental impact by following the mantra - reduce, reuse and recycle.

The council has a duty to collect waste from its citizens and ensure that every property has the opportunity to access appropriate recycling services.

b) **Action:**

- i) To deliver a recyclables and residual waste collection service for Norwich that is high performing and recognised by the residents of and visitors to the city as being both efficient and effective
- ii) To tackle the amount of household waste produced, breaking the link between economic growth and increased waste.

c) **Results:**

- i) Delivered a joint venture project with all the other Norfolk district and borough councils, the county council and Norse Environmental Waste Services to provide a new recycling service
- ii) Expanded the range of materials collected via the kerbside service to include - plastic food pots, tubs and trays; food and drinks cartons (Tetra Pak); shredded paper; aluminium foil and aluminium food trays
- iii) Delivered materials to a Materials Recovery Facility (MRF) that underwent an £8million refurbishment during 2013/14
- iv) Increased recovery rates and higher quality of recovered materials from the MRF
- v) Optical sorting technology for glass – even small fragments of glass can be colour segregated and all glass can be recycled to make more glass
- vi) *In the first three months of the new service, Norwich residents recycled 170 tonnes more than in the last three months of the old service and over 180 tonnes more than the corresponding period in 2013*
- vii) Continuing to promote waste prevention and achieving a good dry recycling performance for an entirely urban local authority
- viii) Improving and extending recycling facilities to social housing and hard-to-reach areas
- ix) Improving and extending recycling facilities, particularly food waste recycling, to all of the council's own housing stock (by summer 2015)
- x) Introducing bring bank sites for used cooking oil recycling

- xi) Hosting regular WEEE recycling events – the 2014 events recycled 4.5 tonnes of electrical goods and raised over £7k for the British Heart Foundation
- xii) Introduced dual-purpose street litter bins allowing for recycling ‘on-the-go’ in parts of the city centre

d) **What are we going to do next?**

Norwich has an overarching framework of strategic objectives for waste and recycling supported by a clear action plan to cover the years from 2014 to 2020. The long-term objectives include:

- i) To reduce the level of residual household waste per household to 80% of the 2013 level by 2020
- ii) To promote waste prevention and recycling through public engagement campaigns
- iii) To develop and improve the quality and range of recycling services available to Norwich residents
- iv) To seek to achieve a recycling rate of 60% by 2020
- v) To improve participation, set-out rates and collected tonnages for the recycling services
- vi) To seek to increase landfill diversion rates and reduce landfill tonnage to 80% of the 2013 level by 2020

Norwich is a member of the Norfolk Waste Partnership (NWP) which will continue to design and deliver waste and recycling projects over the coming years. These include:

- i) Assessment and development of waste reduction and re-use initiatives
- ii) Food waste recycling initiatives
- iii) Maximising profits from the joint venture
- iv) Understanding the composition of the waste stream
- v) Complying with local, national and European statutory obligations

7. Priority 4) Built environment and planning:

- a) **Why is this important?** The way in which developments are regulated, planned and built, and the way in which resources are used will have a significant impact on their sustainability. By planning how we build things we can save emissions, reduce waste and use resources more efficiently and effectively. By planning where we build things we can ensure that housing, employment and services are

located to minimise the need to travel and to promote public transport use. Planning also ensures that we build for the future while preserving the heritage of our beautiful city.

- b) **Action:** To deliver sustainable communities and shape the places which are used by Norwich's current and future residents, workers and visitors.

c) **Results:**

The Norwich Local Plan provides the strategy, sites and policies to ensure new development in the city is sustainable. It is now complete and consists of:

- The Joint Core Strategy for Broadland, Norwich and South Norfolk (JCS) which was adopted in March 2011, with amendments adopted January 2014. It is the strategic planning framework within which the area will develop to 2026.
 - The Development management policies plan which was adopted in December 2014. It provides the detailed policies to against which planning applications will be considered. It covers social, economic and environmental issues. Key environmental issues covered include flood risk, environmental hazards such as pollution, the natural environment, the historic environment and ensuring development is designed to be sustainable.
 - The Site allocations and site specific policies plan, which was also adopted in December 2014, identifies sites for different uses such as housing, employment and open space. It plans for higher density, usually mixed use, development in locations accessible by public transport, such as the city centre, to promote modal shift and reduce the need to travel.
- i) Norwich has played a key role in ensuring that the Norfolk local authorities co-operate on cross border strategic planning issues in plan making such as housing, economic development, transport and green infrastructure whilst taking full account of environmental constraints and enhancement opportunities. Work on producing a Norfolk Strategic Framework to cover these issues has recently commenced and is expected to be complete within 18 months.
- ii) There has been continued promotion of brownfield sites for development. The council has worked actively with developers to bring forward sites such as St. Anne's Wharf on which development had stalled due to the recession.
- iii) There has also been continued improvement of procedures for managing funding from development and winning grant funding for infrastructure improvements. This includes significant investment in measures to promote walking and cycling throughout the city and to promote public transport use, particularly in St Stephens area of the city centre. It also includes varied neighbourhood projects and

strategic green infrastructure projects such as enhancements to sustainable access and biodiversity in the Yare and Wensum valleys and Mousehold Heath.

d) **What are we going to do next?**

- i) We will participate fully in the Greater Norwich Growth Board to ensure the sustainable delivery of the agreed growth strategy set out in the JCS to 2026.
- ii) Participate fully in joint working with our partner authorities in the county and other bodies to ensure that our plans meet the objectively identified needs of the area to 2036.
- iii) Continue to work with the county council to deliver the Transport for Norwich funded work programme to see further improvements to cycling infrastructure over the coming years and implement additional measures to promote the bus rapid transit and walking networks.
- iv) Work with Norfolk County Council as lead flood authority to ensure the successful implementation of flood risk policy, including the promotion of sustainable urban drainage.

8. Priority 5) Natural environment

- a) **Why is this important?** The city of Norwich has a high proportion of green space, much of which is important for wildlife as well as offering places where people can relax and unwind. High quality green spaces are also good for the local economy, especially as they help to attract new inward investment. The city council either directly manages, or influences policy for these areas. Good management of the natural environment enables Norwich to remain rich in biodiversity, while providing our citizens with quality spaces for recreational enjoyment.

b) **Action:**

- i) To maintain and enhance the environment of Norwich, promoting its community, recreational, health and wellbeing and ecological benefits
- ii) Maintain and enhance green spaces for people and wildlife

c) **Results:**

Volunteers: Volunteers contributed a recorded 10,386 hours to environmental projects and conservation work in the city's natural areas, parks, open spaces and allotments during 2014. New friends groups were set up for the West Earham Woods and Ketts Heights.

Biodiversity: The following are a selection of initiatives and projects we have been involved with over the reporting period:

County Wildlife Sites: All the County Wildlife Sites (CWS) owned by Norwich City Council are projected to be in positive conservation management (pcm) by 2016. Most privately-owned CWS in Norwich are also now in positive conservation management.

Higher Level Stewardship: In 2013, ten natural areas were entered into Higher Level Stewardship (HLS). This is a government-funded scheme that provides capital grants and annual payments for land managed in ways that benefits biodiversity. The funding, which lasts for ten years, will pay for work to maintain and improve the value of the sites for wildlife. In 2014/15, HLS funded conservation works have been undertaken at: Marston Marshes, Eaton Common, Bowthorpe Marsh, Bowthorpe Southern Park, the Heronry and Violet Grove, Cringleford Meadow, Marriott's Way, Marlpit Paddocks, Whitlingham Marsh and Earlham Park. Works undertaken under the HLS programme have included: woodland coppicing, willow pollarding, pond creation, dyke restoration and maintenance, scrub removal and grassland management. Livestock grazing is an important tool for managing many conservation sites. In 2014/15, conservation grazing (using cattle) was introduced to Whitlingham Marsh and Marlpit Paddocks in addition to our currently grazed sites Marston Marshes, Eaton Common and Earlham Marsh.

Invasive Weeds Control: Arrangements for the monitoring and control of non-native invasive weeds in Norwich were greatly improved during 2014/15. All known invasive weed areas within Norwich are now recorded on the council's GIS database, and two operatives have been specifically trained in Japanese knotweed control techniques. Japanese knotweed is a particularly destructive invasive weed, as it out-competes native plants and it can cause damage to properties and reduce land values. During summer 2015, most known Japanese knotweed colonies on city council land were treated with herbicide by our trained operatives. It can take several years to completely eliminate Japanese knotweed colonies, so treatment will be continued annually until eradication is achieved

Marston Marshes: A new practical volunteer group, consisting of local residents, was established and now carries out regular work at this site managed by the Norwich Fringe Project. Access and further conservation improvements were funded under the CIL (Community Infrastructure Levy) programme.

Mousehold Heath: Further former heathland areas were brought back into positive management under the Higher Level Stewardship agreement. This has brought about increase in insects that depend on this habitat, such as the Green Hairstreak butterfly and the Green Tiger beetle. There has also been an increase in the number of public events and volunteer work parties at the site.

Danby Wood and Earlham Millennium Green: The main path through the woodland was re-constructed and woodland management undertaken. The first phase of a refurbishment programme for Earlham Millennium Green was completed. Both projects were funded by the CIL (Community Infrastructure Levy) programme.

Earlham Cemetery: A conservation management plan for this site was completed.

Norwich Urban Fringe Countryside Management Project: The Norwich Fringe Project has successfully managed conservation sites for people and wildlife in and around Norwich since 1990. The Fringe Project is managed by Norwich City Council, in partnership with Broadland and South Norfolk district councils. During

2014/15, the Fringe Project was re-launched with a new strategy, business plan and branding.

Planning: The natural areas officer provided advice to planning colleagues on biodiversity mitigation and enhancement measures throughout 2014/15.

Trees: The overall net loss of canopy cover through the loss of street trees, parks trees and other amenity space trees continues, with the demand for replacement planting greater than funds allow. However, we are now able, through the introduction of our Tree Prioritisation programme, to replace lost trees in locations other than just Conservation Areas. This resident-led initiative, which augments, and is separate to, our own tree planting budget, will see approximately 100 replacement street trees planted throughout the city during the 2015/16 planting season.

The recent launch of the tree sponsorship scheme, Trees for Norwich, has been met with a low-key response so far, primarily dealing with requests for memorial trees. Invasive pest and disease continue to threaten our trees, Ash die back has been recorded in a number of our woodlands and we continue to monitor the spread of the Oak Processionary moth from the London boroughs where it was first recorded.

The capture of the trees on our data base and mapping system has recorded 354 different species of trees growing in Norwich making our tree stock one of the most diverse in the UK.

d) What are we going to do next?

- i) Continue to manage our sites funded by the Higher Level Stewardship Scheme to maintain and enhance their biodiversity value.
- ii) Complete refurbishment project at Earlham Millennium Green
- iii) Working with a new friends group, prepare proposals for the refurbishment of Kett's Heights natural area and seek new funding opportunities
- iv) Explore potential management measures to encourage more bees and other pollinators in Norwich
- v) Update biodiversity related information on Norwich City Council website
- vi) Continue our programme to control or eradicate harmful invasive weeds, especially Japanese Knotweed, in Norwich
- vii) Investigate potential for a project to improve the management of Norwich City Council owned woodlands
- viii) Continue to develop the Norwich Fringe Project
- ix) Support existing friends groups and encourage the formation of new ones
- x) Complete Open Spaces Strategy
- xi) Complete the Tree strategy review

9. Priority 6) Reduce Pollution – 2013/15 update:

a) Why is this important?

- i) Poor air quality has a direct impact on human health.
- ii) All pollution lowers environmental quality and affects our health and quality of life.

b) Action:

- i) To improve air quality within the 'City Centre Air Quality Management Area' to meet limit values or better for nitrogen dioxide.
- ii) To maintain the street scene and all public spaces so that danger, pollution and noise are minimised.

c) Results:

- i) Reductions in pollution levels in parts of the air quality management area such as Grapes Hill and St Augustine's Street.
- ii) Infrastructure changes to address traffic congestion areas.
- iii) Removal of extraneous city centre traffic as part of Transport for Norwich
- iv) Continued the successful remediation of many contaminated sites through the planning regime.
- v) Achieving compliance with PPC permit conditions

d) What are we going to do next?

- i) An air quality action plan is currently being drafted to set out measures to reduce nitrogen dioxide (NO₂) levels in the central air quality management area. The aim is to work towards achieving the air quality objectives by managing traffic flows as well as promoting cycling, walking and bus use. Many of the proposed actions are to be addressed through infrastructure changes as part of the Planning regime and the Local Transport Plan. A key element is the improvement of vehicle emission levels.
- ii) Ensure that risks to the users of land from land contamination are minimised, together with those to controlled waters, property and ecological systems, and to ensure that development can be carried out safely without unacceptable risks to workers, neighbours and other offsite receptors.

- iii) Work with local businesses to drive down emissions to atmosphere under the Pollution Prevention & Control (PPC) regime and ensure compliance with permit conditions. We will ensure that all newly identified businesses are permitted in accordance with regulations where required.

10. Priority 7) Leadership

a) Why is this important?

The council can make a real difference through working on service promotion to business and the public or by the provision of information.

b) Action:

- i) To both lead by example, and work in partnership, to lessen our carbon footprint and deliver services in a more sustainable way.
- ii) To raise the profile of environmental issues and opportunities across the city and encourage residents and businesses to reduce their environmental impact.

c) Results:

- i) Carbon management plan phase 2 published
- ii) Environmental Strategy 2105-2019 published
- iii) Completion of the council's second Home Energy Conservation Act (HECA) report to central government. At a regional level Norwich City Council's HECA document has been recognised as a 'best practice' document.
- iv) Delivered the first One Planet Norwich sustainable living festival, attracting over 6,000 visitors over one weekend
- v) Leading authority in the UK's first collective purchase solar auction- Solar Together with switching partner iChoosr
- vi) Attracted over £400,000 of DECC funding for the Cosy City scheme and completed energy savings installations in over 130 city homes including: solid wall insulation, loft and cavity wall insulation and boiler upgrades
- vii) Eco awards for business, schools and communities

d) What are we going to do next?

- i) Begin to deliver the priorities outlined in the 2015-19 Environmental Strategy
- ii) Continue to deliver phase 2 of the carbon management plan
- iii) Continue to investigate funding opportunities to help residents to subsidise the cost of energy saving measures on their properties.
- iv) Develop partnerships with other councils and environmental groups
- v) Look to make the next One Planet Norwich event larger and more far-reaching
- vi) Expand the Eco Awards to accept countywide applications and increase the number of categories.
- vii) Investigate opportunities for increasing the take up of renewable technologies

Appendix B - Norwich City Council – Climate Local Commitments:

Number	Commitment to:
1	Reduce energy consumption on the council's estate
2	Reduce energy consumption in housing stock and private sector housing
3	Maximise the performance of the city's highway network through balancing the need to encourage economic growth with sustainable travel options
4	Make procurement more sustainable
5	Reduce and recycle
6	Ensure future developments are planned and built in a way which is sustainable and uses resources effectively and efficiently
7	To maintain and enhance the natural environment of Norwich
8	Reduce pollution
9	Provide leadership

Commitment 1 - Reduce energy consumption on the council's estate		Status - RAG (red/amber/green)
	We will deliver this commitment by:	
A	Regularly reviewing the estate's potential for energy efficiency improvements	Green – continual review is undertaken, plus projects are suggested to us by staff
B	Continuing to deliver our Carbon Management plan - we aim to reduce our carbon emissions by 40% by 2018 (from a 2007/2008 baseline).	Green
C	Measuring and publishing the council's carbon footprint annually on our website	Green – we achieved a further 4.2% reduction in our carbon footprint this year, bringing us to 30.8% reduction in total.
D	Developing a tri- annual Environmental Strategy	Green. The new strategy was launched this year and runs to 2018/19.
E	Producing an annual Environmental Statement which details progress made against objectives set in the Environmental Strategy.	Green

Commitment 2 - Reduce energy consumption on housing stock and private sector housing		Status – RAG (red/amber/green)
	We will deliver this commitment by:	
A	Implementing a programme to deliver energy efficiency measures in our housing stock and commercial stock	Green
B	Working with our Green Deal partner to promote and deliver Green Deal and ECO energy efficiency measures across tenure under the council's Cosy City scheme.	Amber – the Green Deal has been stopped by central government and we await news of future national schemes. In the meantime we continue implement Cosy City projects subsidised via the remaining DECC Greener Communities funding and seek further funding opportunities as they arise.

Commitment 3 - Maximise the performance of the city's highway network through balancing the need to encourage economic growth with sustainable travel options		Status – RAG (red/amber/green)
	We will deliver this commitment by:	Progress against the commitment:
A	Providing high quality routes for cyclists and improved facilities for pedestrians	Green
B	Improving the performance of bus services through the delivery of the bus rapid transport (BTR) network	Green
C	Maintaining traffic flow on the highway network	Green
D	Managing air quality and reducing carbon emissions associated with transport	Green
E	Managing the council's fleet to make it fit for purpose – (this has already included a Fleet Review, the introduction of telemetry into all cars, the introduction of 4 electric cars into the fleet, tighter monitoring of fuel use)	Green – the fleet is currently under review again
F	Encouraging cycling amongst staff – (introduction of pool bikes for staff meetings, introduction of a Cycle to Work scheme, staff shower facilities, upgrades to the council's secure 24/7 cycle shed already completed)	Green – most recently staff have been offered the opportunity to take up personal travel plans which encourage them to travel more sustainably, including increasing cycling rates.

Commitment 4 – Making procurement more sustainable		Status – RAG (red/amber/green)
	We will deliver this commitment by:	Progress against the commitment:
A	Buying goods and services in an ethical and sustainable way which optimises resources, providing value for money and quality goods and services	Green.
B	100% of the council's electricity continues to be sourced via a renewable energy tariff	Green. We are currently investigating 'green tariffs' and how the carbon savings can be captured and reported via our annual carbon footprint.
C	Expanding the sustainability pre-tender checklist into the pre-qualification questionnaire (PQQ) and the business quality questionnaire (BQQ) to include a greater number of social, economic and environmental factors	Amber - Ongoing - PQQ's cannot now be used in sub-threshold procurements. Sustainability to be considered and applied in respect to each procurement. BQQ needs review to incorporate greater social, economic and environmental factors.
D	Procuring locally sourced water for committee rooms	Green
E	Ensuring that redundant ICT equipment is disposed of in a way that seeks to refurbish and resell the majority of the equipment, via the circular economy 'Raspberry Pi' project, and recycle any remainder	Green
F	Implementing the business relationship and contract management strategy and toolkit for high value and critical contracts and including the requirement to monitor contractor's environmental management system (EMS) and carbon emissions. Seeking to expand the use of strategy and toolkit into high value/ low criticality core contracts in the future	Green – Contract management plans are in place and ongoing. All suppliers tied into Platinum. Gold, Silver Bronze and managed accordingly. Regular reporting on EMS and carbon emission included in monitoring process.

Commitment 5 – Reduce and Recycle		Status – RAG (red/amber/green)
	We will deliver this commitment by:	Progress against the commitment:
A	Delivering a high performing recyclables and residual waste collection service for Norwich	Green.
B	Continually achieving a good recycling performance – (the best-performing authority in Norfolk for mixed dry recycling)	Amber.
C	Continually achieving a good performance on waste minimisation – (the best-performing authority in Norfolk for the amount of waste produced per household)	Amber.
D	Expanding the weekly waste food collection service to include collections from communal food waste facilities in many hard to reach areas	Green
E	Providing food waste recycling to 19 Norwich schools	Green
F	Introducing an energy efficient waste fleet operating on energy efficient zonal collection rounds	Green
G	Using GIS and In-Cab monitoring to be able to map the most efficient and economical routes	Green
H	Continuing to run media campaigns on waste reduction and recycling	Green
I	Implementing the objectives in the waste management action plan 2013-2020	Green
J	Ensuring every property has access to mixed dry recycling collections or is signposted to their nearest mixed dry recycling bring bank	Green
K	Implementing recycling of WEEE, bulky items and cooking oil	Green.

L	Continuing to implement waste reduction initiatives	Green
M	Continuing to develop student-specific waste and recycling campaigns	Green

Commitment 6 – Ensure future developments are planned and built in a way which is sustainable and uses resources effectively and efficiently		Status – RAG (red/amber/green)
	We will deliver this commitment by:	Progress against the commitment:
A	Planning for sustainable development which ensures we can build for the future whilst preserving the heritage of our beautiful city	Green. Ongoing activity
B	Developing detailed local plan environmental policies to protect and enhance biodiversity and green infrastructure	Green. Policy incorporated into plans adopted in Dec 2014
C	Adopting the Norwich Development Management Policies document (scheduled for adoption in September 2014)	Green. Adopted Dec 2014
D	Adopting the Norwich Site Allocations document (scheduled for adoption in September 2014)	Green. Adopted Dec 2014
E	Identifying areas at risk of flooding from heavy rainfall and potential mitigation measures	Green. Critical drainage areas have now been identified
F	Implementing the Joint Core Strategy - the strategic planning framework for the Greater Norwich area for the next 15 years	Green. Implementation ongoing
G	Implementing the 'Making room' project to promote walking, cycling and public transport in the city centre	Green. Measures ongoing through NATS implementation. St Stephens phase 1 already implement. Golden Ball Street and Westlegate implementation schedule for 2016.
H	Implementing the City Cycle Ambition grant funded work to improve cycling infrastructure across the city	Green. A number of CCAG1 (pink pedalway) measures have been built or are underway. CCAG2 measures on yellow and blue pedalways undergoing consultation.

Commitment 7 – To maintain and enhance the natural environment of Norwich		Status – RAG (red/amber/green)
	We will deliver this commitment by:	Progress against the commitment:
A	Maintaining and enhancing the environment of Norwich to promote its community, health, wellbeing and ecological benefits	Green
B	Working with local and national groups to enhance green spaces in the city through support, bringing areas back into management, removal of invasive plant species, planting of new trees and shrubs, species surveys, conservation work, tree-mapping	Green
C	Implementing capital and annual management works funded by the Higher Level Stewardship scheme to improve the biodiversity value the sites concerned	Green
D	Introducing conservation grazing where appropriate	Green.
E	Updating biodiversity information on the council's website	Amber.
F	Investigating the viability of a project to improve the management of council owned woodlands	Amber.
G	Working with volunteer groups to identify new funding sources	Green.
H	Completing the Open Spaces strategy	Amber
I	Completing the Tree Strategy review	Amber

Commitment 8 – Reduce pollution		Status – RAG (red/amber/green)
	We will deliver this commitment by:	Progress against the commitment:
A	Maintaining the street scene and all public spaces so that danger, pollution and noise are minimised	Green.
B	Redefining the boundaries of the air quality management areas into one larger area which allows for a more holistic approach to action planning	Green.
C	Identifying and implementing infrastructure changes to address traffic congestion areas	Green.
D	Drafting an action plan to set out measures to reduce Nitrogen Dioxide (NO ₂) levels through focussing on traffic issues as well as promoting cycling, walking and bus use	Green – ongoing.
E	Ensuring that risks to land users from land contamination are minimised, together with those to controlled waters, property and ecological systems	Green – ongoing.

Commitment 9 – Provide leadership		Status – RAG (red/amber/green)
	We will deliver this commitment by:	Progress against the commitment:
A	Leading by example and raising the profile of environmental issues and opportunities across the city to encourage residents and businesses to reduce their environmental impact	Green. Cosy City project, One Planet Norwich festival, Close the Door campaign.
B	Completion of the council's Home Energy Conservation Act (HECA) report – updated biannually, next due March 2015	Green. Second HECA completed and submitted on time.
C	Implementing the objectives in the councils Affordable Warmth strategy	Green.
D	Raising awareness and celebrating environmental school, business and community group eco- projects at the councils annual Eco Awards	Green. In 2016 we are running a trial to expand the Eco Awards countywide, working in partnership with County Council to promote the scheme.
E	Running a behaviour change campaign with council staff – One Small Step	Amber.
F	Becoming the country's first city to run a collective switching scheme and consistently achieving the highest switching rates nationwide	Green. In addition we have also implemented the UK's first collective purchase solar panel scheme, Norfolk Solar Together, although due to large cuts in the Feed in Tariff the future of this scheme is in jeopardy.
G	Demonstrating our commitment to climate change by signing up to Climate Local	Green
H	Working with households to promote greater energy efficiency and to alleviate fuel poverty through both the 'Cosy City' and 'Switch and Save' projects	Green
I	Working with partners to deliver the ECO and Green Deal to residents through the council's Cosy City project	Green. The Green Deal has been stopped by central government. However, we continue to work with partners to access ECO funding for

		energy saving projects wherever possible.
J	Implementing phase 2 of the council Carbon Management plan (working to reduce the councils carbon emissions by a further 11% or 40% total since the 2007/08 baseline)	Green We are currently working with a range of council assets to reduce energy consumption, including; Sheltered Housing, Riverside Leisure centre, St Andrews hall
K	Investigating funding opportunities to help residents to subsidise the cost of energy saving measures on their properties - most recently DECC Greener Communities funding	Amber - funding from central government has all but stopped, however, we continue to look and apply for alternative sources of funding.
L	Developing partnerships with other councils and groups	Green - most recently the UEA, Deanery, Slow Food Norwich, Norfolk County Council, iChoosr.
M	Working with contractors to align their carbon emissions reduction targets to the council's targets. We monitor our contractors carbon emissions on an annual basis.	Green
N	Signposting residents to information regarding action they can take to mitigate the impact of extreme weather events/increase climate change resilience	Red. This has not been put on the council's web-pages yet, but we could potentially look to include it on the web-site refresh.