

Norwich City Council
SCRUTINY COMMITTEE

Item No 7

REPORT for meeting to be held on 25 January 2018

Environmental Strategy – progress update

Summary:

This report provides an update on progress against the Environmental strategy 2015-18 and the current Environmental Action plan ahead of publication of the next Environmental Statement in January 2018

Purpose:

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

Contact Officer

Dave Moorcroft – Director of regeneration and development.
01603 212226

Richard Willson – Environmental Strategy Manager
01603 212312

Summary

Norwich City Council has made excellent progress in delivering the objectives contained within the Environmental Strategy since the last scrutiny of the Environmental Strategy on the 26 January 2017. This has been summarised in the Environmental Statement which will be published in January and has recently been noted by the Sustainable Development Panel.

The council continues to deliver activities which provide leadership to the communities we serve as well as maintaining high quality environments and services which aid to maintain quality places to live in and to work.

These improvements have been delivered during a time where government funding has diminished for such areas as renewable energy and energy efficiency projects and programmes. Regrettably 2018 will be another barren year for domestic energy efficiency if action is not taken to replace the energy efficiency programmes removed by central government.

The consequence of this policy switch will result in less funding for low carbon investments such as insulation or renewables programmes going forward. To date there is little information of what, if anything, will replace it.

Amid this changing funding landscape for local authorities, Norwich City Council has continued to perform to the targets set in section 5 of the Environmental Strategy. More information is provided in the following report. Some highlights include:

- The authority has achieved a 54.1% reduction in carbon emissions since a 2007 baseline. Between 2005 and 2015 (the most up to data dataset)
- Per capita emissions in Norwich reduced from 7 tonnes of CO₂ per person in 2005 to 4.3 tonnes per person 2015. Or to put it more clearly carbon emissions in Norwich reduced by 38% over the decade. All electricity use by Norwich City Council comes from certified renewable sources.
- Our housing stock has a SAP Standard Assessment Procedure rating of 66.6 and we continue to embrace new technologies to retrofit our estate, drive energy efficiency and deliver new ways of working when delivering our services.
- The largest Passivhaus house development Europe. Rayne Park is one of Norwich's most exciting and ambitious developments of recent years, bringing 172 brand new state-of-the-art properties to the area all of which will be built to the highest possible specifications.
- This is in addition to the work being done via a project called Cosy City that works in the private housing sector. So while fuel poverty levels are increasing nationally, we have bucked the trend in Norwich for the fourth consecutive

year. Fuel poverty is now 1% less than 4 years ago even though fuel prices have risen year on year.

- Our recycling services continue to develop new ways in which citizens can “make a difference” every day. Making everyday choices like recycling more the social norm.
- Our city is taking more sustainable travel choices by using the new and improved pedal ways and rapid bus routes around the city.
- Citizens are being regularly engaged with to make pro environmental choices more often or more easy. For example the One Planet Norwich festival is the most successful sustainable living festival in the region with well over 10,000 visitors attending over the weekend.

Background

In 2008 the council's environmental strategy team was established.

The council's first environmental strategy was produced for 2008-11. The second strategy was produced for 2011-14 and current edition runs from 2015- 2018.

- The current edition of the environmental strategy was developed through the following methods:
- Analysis and assessment of targets on the current environmental position in Norwich.
- Review of the wider policy and legal context.
- Workshops and input from expert stakeholders including the Tyndall Centre for Climate Change Research and the 3S Research Group at the UEA.
- Review of existing activities and future opportunities across services and contractors.
- Discussions and input from elected members including the cabinet and an all-member workshop.
- Members workshop and good practice from other areas.
- Assessment of the likely resources the council will have in the future to carry out environmental work.

Once the strategy was drafted the authority asked for additional comments from other stakeholders such as the Broads Authority, Environment Agency, Norfolk County Council and other third sector groups.

The Environmental Strategy should not be looked at in isolation. The measurable outcomes are closely aligned to a number of other policy documents. Such as;

- Carbon Management Programme
- Home Energy Conservation Act Report (HECA)
- Integrated Waste Management Strategy
- Procurement Strategy
- Affordable Warmth Strategy
- Housing Strategy and planning policy

Reporting on progress

The progress of the Environmental Strategy is monitored via the bi-annual Environmental Statement and via regular reports to the Sustainable Development Panel. The next statement is due January 2018.

Norwich City is also a Climate Local member and reports progress bi-annually via the Environmental Statement.

Norwich City Council also reports and publishes its Carbon emissions annually

Finally a wide range of reports are taken to members via the Sustainable Development Panel. These often report progress of specific projects and or progress against strategic delivery.

Examples include:

13/12/2017

Environmental Statement 2015-17

13/09/2017

Carbon Footprint Report

19/07/2017

Feedback from the One Planet Festival

29/03/2017

Norwich City Council Home Energy Conservation Report

Progress to date:

The most up to date report against progress is contained within the Environmental Statement which was noted by the Sustainable Development Panel on the 13th December 2017.

Attached - Environmental Strategy Actions Update

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 published here:

<https://cmis.norwich.gov.uk/live/Meetingscalendar/tabid/70/ctl/ViewMeetingPublic/mid/397/Meeting/443/Committee/9/SelectedTab/Documents/Default.aspx>

Outcome/ priority	Key Actions	Environment priorities they contribute to delivering	Lead Service	Delivery timescale	Progress to date at November 2017 (RAG)
Theme 1 - the council as community leaders	1.1 to promote a low carbon economy and investment in green jobs through the council's economic development tool.	1,5 & 7	City Development	2015/16 then ongoing	Economic Development Service continues to promote the availability of business advice and grants which can be used to support businesses in reducing their carbon footprint (BEE Anglia), increasing efficiency and entering new markets. There is now much greater awareness of the potential financial benefits of adopting carbon reduction policies in businesses from all sectors and installing more energy-efficient equipment is now much more affordable for businesses of all sizes.
	1.2 - To work with expert partner organisations in the city e.g. University of East Anglia to provide external advice and challenge and to utilise, share and promote environmental research and learning and develop joint bids and solutions to environmental issues.	All	Environmental Strategy	Ongoing	NCC works with a range of organisations including, but not limited to: UEA, Wild Anglia, County council, local NGO's on a variety of projects including: OPN festivals, development of a city tree trail, Eco Awards, Pumpkin rescue. We actively seek funding opportunities and are happy to work collaboratively.
	1.3 - To liaise with large energy users in the city e.g. the Norwich Research Park, Norfolk County Council, NNUH, large businesses etc to share learning and experience and look for joint opportunities on energy efficiency and other environmental improvements	All	Environmental Strategy	Ongoing	Scoped potential for heat from rivers in the city after writing a successful bid for funding from HNDU for scoping the potential for heat from rivers in the city. We are in contact with the Pixie energy project, county council and Norfolk community solar. Working with UEA on SALIX projects. Successful bid for Highways England Rapid Charger funding.

1.4 - To explore with partner organisations the potential for a district heating scheme for the city and other options for the development of renewable energy for the future	1,2,4,5 & 7	Environmental Strategy	2015/16	Investigated viability of district heating system for Norwich
1.5 - To explore running a major collective auction in the city for solar panels so that private households and landlords can purchase and install them at a lower cost	1,4 & 7	Environmental Strategy	2015/16	Completed Aug-Dec 2015. Following this the FIT was slashed in January 2016. Mayor of London now using this model as part of their Solar Action Plan. NCC keep in regular contact with iChoosr and are ready to work together again should the market conditions change.
1.6 - To provide grants and advice for local communities to develop community energy projects	1, 4 & 7	Environmental Strategy	2015/16 and ongoing	Initial discussions with Norwich Community Solar about their plans. Promotion on social media of the Silver road community centre PV panel funding bid. New crowd funding available. New SALIX grant for solar.
1.7 - To monitor, review and potentially take forward development and opportunities in the local energy supply markets including exploring community energy companies and energy services companies and ways to incentivise reduced consumption	1&7	Environmental Strategy	Ongoing	Out for Procurement (Jan) for a White Label energy company for the council.
1.8 - To develop a supporting engagement and communications plan drawing on the latest research and best practice encompassing actions 1.7 to 1.25 below.	All	Environmental Strategy	Early 2015	Completed. Com's plan was taken to SDP.

1.9 - To work with residents and organisations across the city to jointly develop a bid to be the UK Green Capital 2019 which would include developing a longer term vision (10 years plus) and roadmap and looking at options like Norwich environmental citizenship	All	Environmental Strategy	2018/19	The UK's letter declaring Article 50 makes clear that UK will be a member of neither the EU nor the EEA from March 30, 2019. This leads to the inescapable conclusion that the UK cannot be European Green Capital. The long-term vision work will still proceed via the refresh of the Environmental Strategy in 2018
1.10 - To develop sustainable living and 'love where you live' type campaigns to promote simple measures to residents and organisations including adaptation approaches and encourage people to take part in local activities like litter picking	All	Environmental Strategy	2015/16 and then ongoing	We support a variety of schemes and organisations through our events including: FoodCycle, FoodHub, Missing Kind, Walking for Norfolk, Master Composters, Farmshare, waste team, allotments, Plan Eat Save etc. The purpose of the events is to celebrate environmental best practice (Eco Awards) and promote small steps residents can take to live more sustainably (OPN festival, Pumpkin rescue). We also support Close the Door campaign for local businesses. Our network of contacts grows each year.
1.11 - To promote energy efficiency and sustainable lifestyle changes when people move home through the use of tenancy packs etc.	All	Environmental Strategy	2015/16 and then ongoing	Working with estate agents to promote Cosy City
1.12 - To create a Norwich Sustainable Consumer Guide and web pages - collating information of locally designed, reused, sourced, up-cycled, sourced, rentable, recycled products and repair services	All	Environmental Strategy	2016/17 and then ongoing	It is not possible to fund, host and maintain an online site 'one stop shop' separate from the council's own web-pages. Better to promote existing peer to peer lending sites and/or existing selling/ repair services.

1.13 - To promote key existing environmental campaigns and opportunities in Norwich e.g. Earth Hour, Close the Door, Lift Share and the Norfolk Car Club.	All	Environmental Strategy	2015/16 and then ongoing	Supported and ongoing. Earth Hour is supported annually through the switching off of key iconic city buildings during Earth Hour. Close the Door has been promoted with local shop-owners placing stickers. Norfolk Car Club have been promoted and hosted at OPN 3 year's running and on social media. We have met with Liftshare to discuss promotional opportunities in the city. They are the current Eco Hero and Eco small/business category winners at the Eco Awards.
1.14 - To promote an online reuse portal 'Give it for good' to facilitate and increase reuse options in the city	3	Environmental Strategy	2016/17 and then ongoing	Not possible to fund, host and maintain an online site 'one stop shop' separate from the council's own web-pages. Better to promote existing peer to peer lending sites and/or existing selling/ repair services.
1.15 - To promote local food production through the council's allotments service and communication activities	9	Citywide Services	Ongoing	The Allotments team have promoted the benefits of local food production at three One Planet Norwich festival and two Science week Pumpkin Rescue events. Encourage uptake of community plots through citizen with 6 new groups allocated growing space in 2017. Council supports Norwich Farmshare.
1.16 - To develop an open-homes online network to enable residents to learn from one another on how to improve their home's energy efficiency	1&4	Environmental Strategy	2015/16 and then ongoing	Open Homes events were held in 2015 to support local residents in finding out more about energy efficiency home improvements. This was possible through one-off funding from the Centre for Sustainable Energy (CSE).

1.17- To continue to promote waste prevention and recycling through public engagement	4	Citywide Services	Ongoing	Citizen, website, twitter and collection calendars are the main channels that we promote recycling and waste minimisation messages. We are working with Catton Grove Primary School and the local area to reduce contamination in the recycling bins and promote food waste collections via the Star Bins project. We are also supporting the Norfolk Waste Partnership countywide campaign 'Love Your Recycling' with the clean, dry loose messageing (targeted tv ads, leaflet to household, billboards etc.).
1.18 - To run an annual eco living event for residents and organisations	All	Environmental Strategy	2015/16 and then ongoing	One Planet Norwich festivals have been run in 2015, 2016 and 2017. There were upwards of 6,000 visitors over the two days in 2015, that increased to 8,000 in 2016 and increased again in 2017 to 10,000 visitors. The next OPN festival is planned for 9th and 10th June 2018. Each year we work with around 40 organisations.
1.19 - To run an annual eco awards scheme in the city to promote environmental excellence to residents and organisations including encouraging carbon reduction and use of renewable energy by businesses	All	Environmental Strategy	Annual	The Eco Awards are now in their 10th year. We have partnered with County Council to expand the awards out to organisations countywide in 2015/16, plus two additional categories of Eco Food Producer and Eco Home have been added. Each category is now sponsored which helps to alleviate the cost to both councils of running the scheme.
1.20 - To raise awareness and encourage skills development in the local construction industry in the green deal and the installation energy savings measures through the council's Cosy City service and other activities	1,4,5&7	Environmental Strategy	Ongoing	Central Government funding for the Cosy City project has largely ceased. During 2015 the scheme funded 15 NVQ apprenticeships in the local construction industry. We continue to work with local contractors to access ECO2 funding. If and when more funding becomes available we are poised to reactivate our work with the local construction industry.

1.21 - To implement initiatives to raise awareness and create action at a local neighbourhood level about energy efficiency, managing energy use and the benefits of installing renewable energy by providing information, advice and education	1&4	Environmental Strategy	Ongoing	The One Planet Norwich festival has sought to engage with residents over 3 years to date on a range of sustainability issues, including energy use and energy efficiency. We have also been engaging with Norwich residents about energy tariffs since 2012, in 2015 we ran Solar Together which sought to bring affordable solar panels to homeowners. Most recently we have also been engaging with householders regarding Smart Meters and how they can better manage their energy use. We are currently out to procurement for a White Label energy company (December 2017) and will launch that in early 2018 to promote a fairer energy tariff and the benefits energy reduction.
1.22 - To ensure the council's private landlord accreditation scheme promotes energy efficiency	1&4	City Development	2015/16	The council's private sector property registration scheme requires members to address energy efficiency. In particular, landlords are required to consider all appropriate and necessary requests from their tenants regarding energy efficiency improvements.
1.23 - To continue to lobby OFGEM for a standard for renewable energy tariffs so that this can be included within the council's switch and save scheme	1&7	Environmental Strategy	2015/16	This is not possible due to the differences between "Green/ Eco" tariffs. The White Lable will hopefully have an "Green/ Eco" tariff to offer to citizens
1.24 - To carry out and publish an annual review of our climate local commitments	All	Environmental Strategy	Annual	Via the Environmental Statement (Now every 2 years)
1.25 - To develop and publish an annual environmental statement	All	Environmental Strategy	Annual	Reporting has moved to a biennial cycle due to additional commitments on the team.

1.26 - To produce and publish the Home Energy Conservation Act report	1&4	Environmental Strategy	2015/16 and bi-annually	Completed - 2013, 2015, 2017. The most recent HECA report can be found at: https://tinyurl.com/Norwich2017HECArpt Norwich City Council's HECA reporting has been presented regionally as an example of best practice reporting and is more detailed and robust than many other local authorities.
1.27 - To promote and share best practice on environmental work with other organisations	All	Environmental Strategy	Ongoing	We are working with more partners than ever before including but not limited to: FoodCycle, Anglian Water, UEA, Wild Anglia, Norfolk County Council, iChoosr, Hubbub, Norwich in Bloom, Norfolk Waste Partnership, FoodHub, Farmshare amongst many others.
1.28 - To continue to run a staff awareness campaign to reduce the amount of carbon emissions from business operations at Norwich City Council	2	Environmental Strategy	Ongoing	One Small Steps Staff awareness campaigns continue to be run including: Staff Swish, Unwanted Present Swap Shop, Christmas Card recycling. We also work with Office Facilities to promote messages around energy saving, open windows, freestanding additional room heaters.

Outcome/priority	Key Actions	Environment priorities they contribute to delivering	Lead Service	Delivery timescale	Progress to date at November 2017 (RAG)
Theme 2 - the council as service providers	2.1 - To increase landfill diversion rates and reduce landfill tonnage	1&3	Citywide Services	Ongoing	Working with WRAP (Waste and Resources Action Programme) and the county council on a project to provide specific doorstep 'interventions' to encourage recycling and reduce waste during Spring 2018.
	2.2 - To identify ways to reduce and treat food waste	1&3	Citywide Services	Ongoing	The interventions outlined above will include specific actions on food waste.

2.3 - To identify ways to reduce and treat garden waste	1&3	Citywide Services	Ongoing	Garden waste disposal contract recently re-let to a local facility.
2.4 - To develop and improve the quality and range of recycling services available to Norwich residents	1&3	Citywide Services	Ongoing	Over 50,000 residents now able to recycle small WEEE (electronic/electrical items) and textiles as part of their weekly kerbside collection service.
2.5 - To improve participation, set-out rates and collected tonnages for recycling services, particularly the weekly food waste service	1&3	Citywide Services	Ongoing	Addressed as part of the WRAP project noted at 2.1. Also recruiting (Nov 2017) to a new recycling officer post employed jointly by the council and the collection contractor, Biffa.
2.6 - To continue to work with the other local authorities in Norfolk to achieve the objectives set-out in the joint waste strategy	1&3	Citywide Services	Ongoing	Continuing to work closely with the county council to identify new waves of improving services and reducing costs. Similar work ongoing with the Norfolk Waste Partnership - the next steps 'futures Workshop' is in November 2017.
2.7 - To deliver programmes and projects to improve energy efficiency measures in privately owned housing e.g. the Cosy City Green Deal service	1,4,7,8	Environmental Strategy	Ongoing	The Green Deal has ceased to be. However, we regularly work contractors to access ECO funding streams for some of our most vulnerable residents. We will continue to seek and bid for any additional funding as and when it becomes available and have been successful at gaining a small amount of funding to promote the uptake of Smart Meters to residents ahead of the national rollout.

2.8 - To implement the Greater Norwich Joint Core strategy by 2026	5,6,7&8	Planning Service	Ongoing	The Greater Norwich local authorities are continuing to implement the JCS . Performance against a range of monitoring indicators is set out in the latest Annual Monitoring Report 2015-16, and shows that implementation against many indicators is on target or improving although there are some indicators for improvement (which have been affected by wider economic issues for example).
2.9 - To explore the potential use of Passivhaus or Sustainable Homes Level 4 for all new builds	1,4,5&7	Planning Service	Ongoing	The Code for Sustainable Homes was abolished by the government in 2015. The council seeks to explore use of Passivhaus on all new builds where appropriate, through the planning application process.
2.10 - To develop new homes for the city council that conform to Sustainable Homes Level 4 or Passivhaus	1,4,5&7	City Development	Ongoing	The council completed its first 10 Passivhaus homes at Hansard Close in spring 2017. The council is presently constructing 105 new homes at Goldsmith Street to Passivhaus standard and Norwich Regeneration Ltd (wholly owned by the council) is constructing 172 homes at Threescore of which 112 are to Passivhaus standard making it the largest mixed tenure Passivhaus scheme in the country

2.11 - To ensure that new developments include sustainable travel options from the start	1&6	Planning Service	Ongoing	Sustainable travel is encouraged through the planning application process and the policy framework. Policy DM28 in the Development Management Policies Plan encourages sustainable travel for all new development. This includes encouraging cycle / pedestrian links within development sites, maximising accessibility to and permeability within sites, and inclusion of a car club space / vehicle where appropriate. In addition £1.06m of CIL funding was committed in the 2015-16 monitoring for expenditure on sustainable transport schemes for greater Norwich area through the Greater Norwich Infrastructure Delivery Board, most of this within Norwich.
2.12 - To support parties wishing to undertake voluntary remediation of land		Citywide Services	Ongoing	Where a contaminated land site is being remediated, the remediation strategy and proposed works will be reviewed by the council and we will work with the developer to ensure the appropriate works and post remediation sampling are completed.
2.13 - To ensure the infrastructure at Threescore will provide attractive landscaped areas around the drainage lagoons for local people to use and to provide important habitats for wildlife	9	Planning Service	2015/16 onwards	Planning consent has been granted for details of the lagoons at Three Score (14/00874/RM). The broad landscape strategy for both lagoons is to seek to re-establish the existing scrub and grassland habitat in order to seek to re-provide habitat for invertebrates that use the site, as well as providing habitat for nesting birds and reptiles.
2.14 - To ensure the Threescore phase 2 development is planned to provide 75% dwellings to Passivhaus standards	1,4,5&7	Planning Service	2016	Phase 2 consists of 172 units of housing, approximately 65% of which are Passivhaus standard. The first element of phase 2 is currently under construction.

2.15 - To ensure enhanced open space provision as part of the Goldsmith development	9	City Development	2016	Goldsmith Street redevelopment including enhanced open space is presently under construction for completion in 2018
2.16 - To increase the number of 20 mph zones in the city to make cycling and walking safer	1&6	City Development	Ongoing	Further areas with 20 mph speed limits are being rolled out as part of the Push the Pedalway Programme. The most recent area was on streets near St Clements Hill and the council is presently implementing 20 mph in the Magdalen Road/Waterloo Road area.
2.17 - To explore the feasibility of electric bike hire from the Tourist Information Centre	1,6&7	Environmental Strategy	2015/16	This has been scoped and was found not to be viable. However, since this action was created Ofo bikes have been launched in the city. We continue to promote these on social media. Now OFO provide cycle hire so need is unlikely.
2.18 - To continue the implementation of bus rapid transit, city centre improvements and walking and cycling investment	1&6	City Development	Ongoing	The Westlegate pedestrian/cycle scheme was completed in spring 2017 whilst implementation of the blue and yellow pedalways is on-going. Work has commenced at the Sweetbriar Road roundabout to reduce delays for buses as well as traffic more generally.
2.19 - To explore with partner organisations the potential for establishing electric charging points in the city	1,6&7	Environmental Strategy	2017/18	The council has recently worked with Norfolk Car Club to install a series of induction charging points for car club cars in the city. We are also in discussion with UEA re: charge point funding.

<p>2.20 - To continue to monitor air quality and meet EU standards and to take action where necessary to address nuisance issues where they occur e.g. from bonfires etc.</p>	<p>9</p>	<p>Citywide Services</p>	<p>Ongoing</p>	<p>The Council operates a continuous monitoring station which measures NO₂ & particulate levels. It is also responsible for 29 NO₂ diffusion tubes across it's district. It reports the results to Defra every year in the form of an Annual Status Report which is also available on the Council website for public scrutiny. The Council works with Highways, County Council, bus and taxi companies to try and reduce pollution levels where they exceed the EU objectives. The Council considers the affect of air pollution when considering planning applications. All complaints of air pollution are investigated and where found to be in breach of legislation, enforcement action is taken to stop the pollution from occurring and then from being allowed to reoccur.</p>
<p>2.21 - To work with local businesses to drive down emissions to atmosphere under the Pollution Prevention & Control (PPC) regime</p>	<p>9</p>	<p>Citywide Services</p>	<p>Ongoing</p>	<p>The Council permits all businesses which fall under the PPC regime. Businesses are regularly inspected and risk assessed. If businesses breach their permit conditions the council works closely with the permitted installation to rectify the problem but where necessary takes enforcement action. The council also works closely with businesses to reduce their pollution levels so that they fall within the "low" Defra risk category. This translates as a lower annual subsistence fee under the "polluter pays" policy.</p>
<p>2.22 - To review the objectives of the tree strategy for Norwich which will consider carbon storage, biodiversity, air quality and climate change adaptation.</p>	<p>8&9</p>	<p>Citywide Services</p>	<p>2015/16</p>	<p>Tree strategy objectives have been reviewed but not published. A full revision of the tree strategy is in progress to reflect changes in team structure and council objectives.</p>

2.23 - To deliver a new open spaces strategy in Norwich including ensuring all Norwich City Council Wildlife Sites (SWS) are in positive management	9	Citywide Services	2015/16	The council will be commissioning a report outlining the options available to the council for the future governance of all its open spaces including natural areas with the aim of ensuring long term sustainability
2.24 - To utilise external funding sources to undertake a programme of improvements at key city council owned natural areas to improve the biodiversity, increase their resilience to extreme weather and enhance access for visitors on foot. To initially include Marston Marshes, Earlham Millennium Green, the Heronry and Danby Wood.	8&9	Citywide Services	September 2015 for first sites	Higher Level Stewardship funding has been utilised for funding at various key natural areas. At Marston Marshes, Earlham Millenium Green and The Heronry this money has been used to coppice scrub to create mosaic of habitat. Volunteers and contractors have been replacing worn out stock fencing to keep grazing livestock within the site. The main aim of this work is to improve the habitat for wildflowers and visitor access. At Danby Wood CIL funding has been used alongside volunteer groups on coppicing, glade clearance and understorey planting to again increase the biodiversity of the site and improve access.
2.25 - To investigate the potential for improving other natural areas using external funding	9	Citywide Services	Ongoing	Bids have been put forward for stage 3 of Earlham Millenium Green for the provision of fishing platforms. There is also ongoing investigations into woodland management to sell timber to create funding to maintain the spaces.
2.26 - To investigate the potential for managing some intensively-managed grass areas under 'conservation cuts', involving fewer cuts per year	9	Citywide Services	2015/16	All grass verges are now cut a maximum of 5 times a year. The council now has some 19% of its grassed areas under some kind of conservation management whereby the grass is cut to encourage biodiversity.

2.27 - To replace water-intensive planting with wildflowers and herbaceous shrubs, to encourage wildlife and become more resistant to drought in parks and green spaces in the city	8&9	Citywide Services	2015/16 and then ongoing	Any new planting and landscaping schemes in our open spaces always now have a provision of drought resistant planting. Recent schemes that we have completed are Woodrow Pilling Park which has bulb and wildflower planting, Midland Street which has additional bulb planting and The Oasis which has been planted with herbaceous plants.
2.28 - To continue to involve local communities in the management of their local parks, natural areas and open spaces	9	Citywide Services	Ongoing	We have a number of friends groups across our parks, open spaces and natural areas. These groups are continuing to develop to get the local community involved in their local spaces. New groups are also being formed with the most recent being the Friends of Jubilee Park.
2.29 - To plant trees and vegetation that prevent rapid run-off and protect areas from flooding	8&9	Citywide Services	2015/16 and then ongoing	We are using the mapped areas of critical catchment to target tree planting in these areas to increase in canopy cover.
2.30 - To carry out the climate adaptation tool review of services	8	Environmental Strategy	Annual	Last Review Completed 2010 using UKCIP09 data www.ukclimateprojections.metoffice.gov.uk
2.31 - To carry out flood mitigation modelling and develop a future investment plan	8	Planning Service	2015/16 and ongoing	The Strategic Flood Risk Assessment (SFRA - levels 1 and 2) which forms part of the evidence base for the JCS and local plan was carried out in 2008 / 10. The Level 1 SFRA study is currently being reviewed for the Greater Norwich area (including Norwich City, Broadland, South Norfolk councils and parts of the Broads Authority) and will update modelling information and identify areas at risk of flooding in Greater Norwich.

2.32 - To explore other mitigation and adaptation measures that could be included in the planning framework in the future	8	Planning Service	2017/18 and then ongoing	The new Level 1 SFRA and any future Level 2 SFRA will help inform mitigation / adaptation measures that may be included in the emerging Greater Norwich Local Plan and other future local planning documents.
2.33 - To ensure all emergency plans for major weather events are kept up to date	8	Citywide Services	Ongoing	Emergency plans are reviewed and tested regularly.
2.34 - To keep accurate records of the effects of weather events on council services	8	Environmental Strategy	Ongoing	Ongoing
2.35 - To ensure effective maintenance of highway drainage systems and partnership working with Norfolk County Council and Anglian Water	8&9	City Development	Ongoing	Works being undertaken to better manage surface water run-off in accordance with the Norwich Urban Area Surface Water Management Plan
2.36 - To ensure gullies are emptied effectively across the City	8&9	Citywide Development	Ongoing	Sub-contracts recently reviewed to improve performance
2.37 - To continue to deliver an affordable warmth strategy and programme to reduce fuel poverty and increase wellbeing	4	Environmental Strategy	Ongoing	We work continuously to support those in Fuel Poverty. A new Affordable Warmth strategy was published in 2016. We hold annual Warm and Well events for stakeholders working in the sector, we deliver warm and well packs, hold regular events in communities to promote our affordable warmth work. The rate of Fuel Poor Households in Norwich has fallen from 12.5% in 2012 to 9.9% in 2017. This is bucking both the countywide and national trend of increasing fuel poverty levels.

	2.38 - To deliver a preventable seasonal excess deaths action plan with key partner organisations e.g health	8	Environmental Strategy	Annual	We work closely with a range of organisations including: CCG, NHS, County Council, Age UK and various council services. The team organises an annual Winter Wellbeing conference and training for stakeholders to help recognise signs of cold and the practical steps that can be taken by front line staff.
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Outcome/ priority	Key Actions	Environment priorities they contribute to delivering	Lead Service	Delivery timescale	Progress to date at November 2017 (RAG)
Theme 3 - the council as a purchaser of goods and services	3.1 - To implement a sustainable procurement strategy and contract management framework	1,2&7	Procurement	Ongoing	A revised Procurement Strategy was approved by cabinet and published in September 2016. This includes a key objective of 'Work ethically and incorporate sustainability priorities including, local economic development, environmental, equality and diversity and other social value objectives throughout procurement activities.' An action plan is in place to progress the deliverables of the strategy.
	3.2 - To continue to ensure 100% of the councils energy is sourced from a "green" tariff	1&2	Procurement	Ongoing	Electricity contract continues to be 100% 'green' tariff. The cost of 'green' gas is currently prohibitively expensive.

<p>3.3 - To work with our contractors to reduce waste and ensure the delivery of high environmental standards.</p>	<p>1,2&3</p>	<p>Procurement</p>	<p>2017/18</p>	<p>The procurement team are responsible for supporting the service areas' contract managers, guidance is provided in the Business relationship and contract management strategy and guide. Contract managers are responsible for using the contract performance review checklist to ensure that suppliers can demonstrate compliance with the terms and conditions of the contract on a range of themes one of which is 'environment'. Key areas are to ensure a written environmental management policy is in place and is up to date, appropriate training has been undertaken by all employees, regular reports on Carbon emissions are submitted to the authority.</p>
<p>3.4 - To adopt an ethical investment policy, with commitment to divestment from fossil fuels</p>	<p>1</p>	<p>Finance</p>	<p>Ongoing</p>	<p>The Treasury Management Strategy for each year is approved by full Council in February for the forthcoming year. This includes an Ethical Investment section whereby the Council will not knowingly invest directly in businesses whose activities and practices pose a risk of serious harm to individuals or groups, or whose activities are inconsistent with the Council's mission and values. This includes environmentally harmful activities e.g. fossil fuels. All of the organisations that the council has invested funds with this year have comprehensive environmental policy statements that align with the Council's Ethical Investment policy. Where the Council plans to make an investment in an organisation that it has not invested in before it will carry out a check to ensure that it has an environmental policy that is aligned to the Council's ethical investment policy.</p>

<p>Outcome/ priority</p>	<p>Key Actions</p>	<p>Environment priorities they contribute to delivering</p>	<p>Lead Service</p>	<p>Delivery timescale</p>	<p>Progress to date at November 2017 (RAG)</p>
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Theme 4 - the council as an estate manager	4.1 - To deliver an ongoing investment programme of energy efficiency improvements in council housing across the city	1,4&7	Housing	Ongoing	Norwich City Council, in conjunction with its partner NPS Norwich Ltd continue to recognise the need for its social housing stock to benefit from energy efficiency improvement measures ranging from simple loft and cavity wall insulation, through to thermodynamic hot water systems. These eco-retrofit technologies no matter how basic or advanced, all serve to enhance the value of each home they are applied to. The cost saving opportunities they present are reflected directly within any occupiers pockets. This socio-economic benefit serves to remove tenants from fuel poverty and offer a more inclusive financial state. Most recently, Norwich City Council and NPS Norwich reflect their wish to enhance the housing stock through the delivery of a 30 year capital and revenue investment model with specifically identifies increases in both these streams of work.
	4.2 - To explore the development and delivery of a large scale PV scheme on council housing across the City in consultation with tenants and review other opportunities for micro-generation	1,2,4&7	Housing	Ongoing	NPS Norwich are aware of the current unwillingness by the industry to invest in this tested technology. Previous large-scale schemes have been introduced due to their payback potential first, and benefit to occupant second. Norwich City Council housing stock does have PV on 143 homes with this technology implemented, and all without issue. Stumbling blocks for any such scheme are Right to Buy scheme and roofing replacements. Both issues are widely overcome as many registered providers and stock retaining authorities have wide-spread PV installations. NPS Norwich remain keen to investigate the delivery of this technology post BREXIT, as the procurement market is opened up to wider purchasing avenues and in some cases, better technology.

4.3 - To deliver the council's carbon management programme for the next four years to realise a 40% reduction (from a 2007 baseline) from local authority operations	1,2&7	Environmental Strategy	Ongoing	54.1% carbon emissions reduction achieved in 2016/17 against the 2007 baseline. As target exceeded it is proposed to review and re-set the target to 70% by 2020.
4.4 - To carry out a review of the council's asset portfolio informed by energy performance surveys to guide opportunities for energy efficiency improvement and rationalisation	1,2&7	City Development	Ongoing	In April 2017 cabinet agreed a strategy for streamlining its investment portfolio. This will result in the disposal of some properties and the purchase of new properties. The former includes properties with the poorest EPC ratings. Appraisal of acquisitions includes taking into account environmental performance.
4.5 - To deliver large scale solar PV schemes on a minimum of 2 commercial or operational sites in the city	1,2&7	City Development	2015/16 and 2016/17	FIT removal has stopped this programme. Only managed to review potential sites (Hall Rd Landfill and our housing stock) Potential to use SALIX and/or Norwich Community Solar in 2018/19
4.6 - To explore the development of a programme of LED lighting and more efficient landlord lighting working closely with residents	1,2&7	Housing	Ongoing	Ongoing, we are working with our contractors, NPS, to explore this opportunity and the possibility of using SALIX funding to part fund the works.
4.7 - To refresh and re-launch the council's employee travel plan including looking to reduce single occupancy car journeys by 20% by 2016 and the continuation of the cycle to work scheme, pool bike scheme and encouragement of walking	1,2,6&7	Human Resources	2015/16	Completed
4.8 - To rationalise and reduce the number of fleet vehicles run by the council by 2.5%	1,2&7	City Development	2016/17	Completed

	4.9 - To produce and deliver a council water reduction action plan	1&2	Environmental Strategy	2016/17	Completed
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