

ANGUS COUNCIL

POLICY AND RESOURCES COMMITTEE – TUESDAY 2 DECEMBER 2014

SCOTLAND'S CLIMATE CHANGE DECLARATION ANNUAL REPORT

REPORT BY VIVIEN SMITH, HEAD OF PLANNING & PLACE

ABSTRACT

This annual report for 2013/14 highlights progress made by the Council regarding its work to reduce its climate change impacts to meet the commitments of the Scottish Climate Change Declaration.

1. RECOMMENDATION(S)

It is recommended that the Committee:

- (i) Approve the contents of this report for submission to the Sustainable Scotland Network (SSN) and COSLA.

2. ALIGNMENT TO THE ANGUS COMMUNITY PLAN/SINGLE OUTCOME AGREEMENT/COPORATE PLAN

This report contributes to the following local outcome contained within the Angus Community Plan and Single Outcome Agreement 2013-2016:

- Our carbon footprint is reduced.

3. BACKGROUND

In February 2007, Angus Council signed Scotland's Climate Change Declaration which committed the council to a number of actions to reduce its impact on climate change. One of those actions is to produce an annual report on progress. Angus Council's first Climate Change Declaration report was approved by the Strategic Policy Committee in October 2009 (report 773/09 refers) and last year's report was submitted to the same committee in March 2013 (194/13 refers).

The Declaration contained seven commitments and these are listed below:

- (a) Work with the Scottish Government and the UK Government to contribute to the delivery of Scotland's and the UK's climate change programmes, including to reduce greenhouse gas emissions and to adapt to future climate change scenarios.
- (b) Produce and publicly declare a plan, with targets and time-scales, to achieve a significant reduction in greenhouse gas emissions from our own operations. This will include our energy use and sourcing, travel and transportation, waste production and disposal, estate management, procurement of goods and services, and improved staff awareness.
- (c) Ensure that greenhouse gas reduction and climate change adaptation measures are clearly incorporated into our new and existing strategies, plans and programmes, in line with sustainable development principles.
- (d) Assess the risks and opportunities for our services and our communities of predicted climate change scenarios and impacts, and take action to adapt accordingly and in line with sustainable development principles.
- (e) Encourage and work with others in our local community to take action to adapt to the impact of climate change, to reduce their own greenhouse gas emissions and to make public their commitment to action.

- (f) Publish an annual statement on the monitoring and progress of our climate change response, detailing targets set, actions taken, outcomes achieved and further actions required.
- (g) Collaborate with other organisations to promote good practice of climate change mitigation and adaptation.

4. CURRENT POSITION

This report (Appendix I) will provide and update on year 6 progress as requested by the Sustainable Scotland Network (SSN) and will be published on their website in due course.

The annual Declaration Report has always been produced on a template provided by the SSN. Every local authority in Scotland has submitted an annual report every year since 2007. After a review of these reports the SSN has since updated the template to include the information requested within the Scottish Government's Sustainability Reporting Guidance and improved reporting to include the Flexible Framework and Adaptation Scotland's 'Five Steps to Managing your Climate Risk'.

5. PROPOSALS

It is proposed that the Council approve the contents of this report for submission to the SSN.

6. FINANCIAL IMPLICATIONS

There are no financial implications arising from this report.

7. OTHER IMPLICATIONS

Failure to produce an annual report would result in the Council failing to meet commitment (f) of Scotland's Climate Change Declaration.

NOTE: No background papers, as detailed by Section 50D of the Local Government (Scotland) Act 1973 (other than any containing confidential or exempt information) were relied on to a material extent in preparing the above report.

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List of Appendices:

Scotland's Climate Change Declaration 2013-14



Scotland's Climate Change Declaration

2013-14 Reporting Template

Governance, Leadership and Management of Climate Change

Background Information

This section of the template is designed to provide background information on your local authority and to outline how you provide effective governance, leadership and management of climate change.

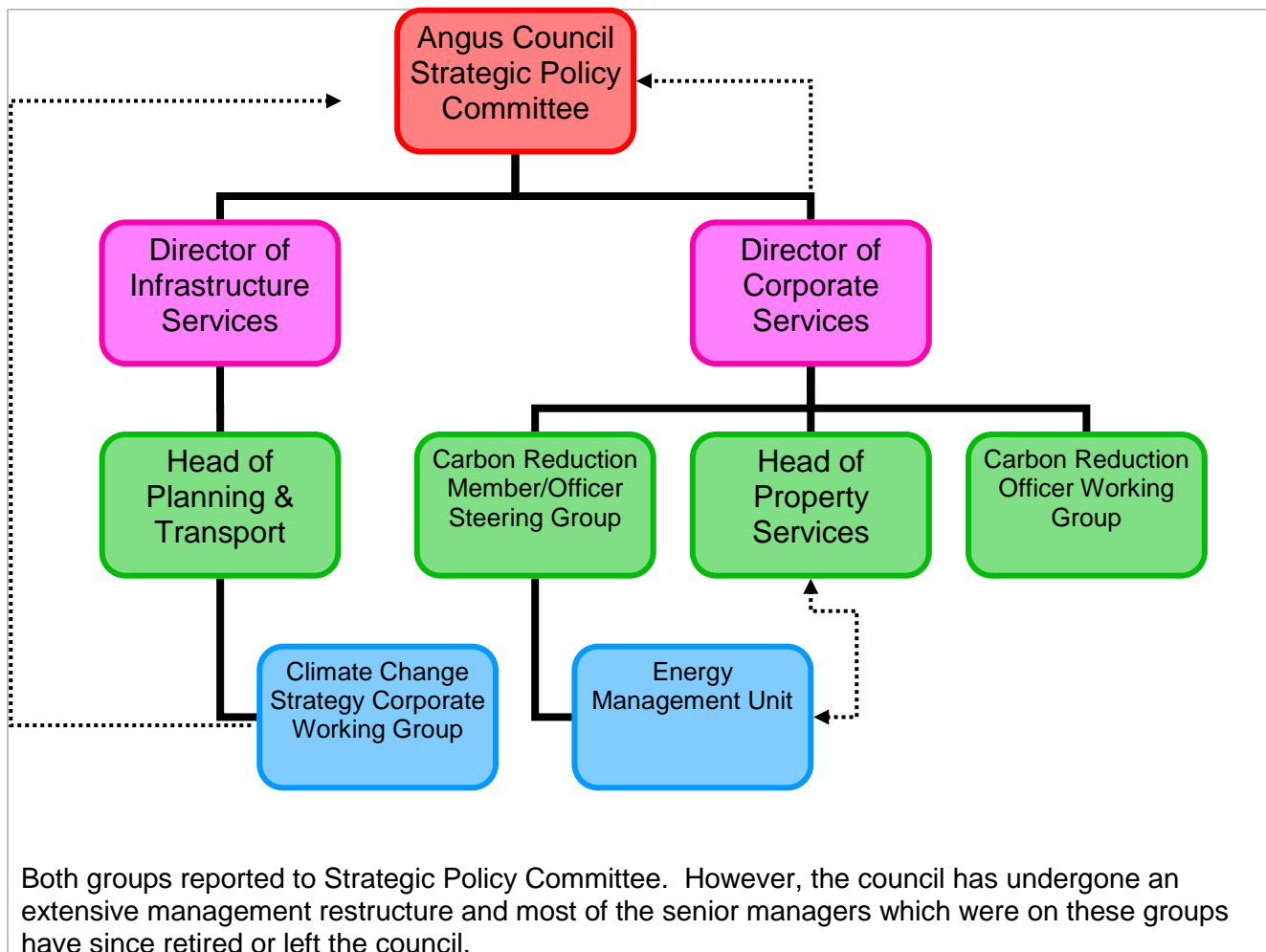
Local Authority Name	Angus Council
Number of Staff	5437
Number of Council Operated Premises	296 (with an electricity supply excluding general housing)
Annual budget	£243.944 Million

Governance

How is climate change governed in your local authority and what role do elected members provide? Please include a diagram to illustrate your Governance structure, including reference to any distinct climate change initiatives or groups in which elected members are particularly active.

In 2013, Climate Change issues were split between two main groups – the Carbon Reduction Member/Officer Group and the Climate Change Strategy Group. The Carbon Reduction MOG had responsibility for operational issues and the CC Strategy Group were more involved in strategic/policy issues.

The following chart illustrates how those groups operated in the council:



Leadership

Please provide examples of leadership that senior staff or elected members have promoted that have led to emissions reduction, promoted awareness and action on climate change or support for adaptation initiatives.

- Change Today-Save Tomorrow campaign led by the Chief Exec – E-Learning module on reducing energy usage to staff. The Chief Executive helped launch the new module by emailing all staff and encouraging them to use it.
- The introduction of Agile Working enabling more staff to hot-desk, work from another office nearer home and work from home thereby reducing staff business and commuter travel.

Management

Provide detail and diagram of *internal* management decision-making structures, special arrangements for mitigation and/or adaptation management, allocation of responsibilities to senior staff, etc.

Transforming Angus

Angus Council aspires to be an innovative council, claiming our place at the top table in Scotland's local government, securing investment and seizing opportunities for Angus. Above all we aim to get it right for local people, young and old, in their daily lives, their homes and their businesses. But getting it right will require new thinking, new styles of leadership and management and a new culture within the council. Our new structure aligns our business with three outcome based areas – people, communities and resources - giving more attention to the achievement of the things we say we are going to do.

Transforming Angus is the banner under which the council's change agenda is being delivered and through which we aim to achieve continuous improvement; delivering better services and better outcomes for individuals, families and communities.

Staff is integral to the success of this change programme - through the development of a more open and collaborative culture and an empowering environment, staff at all levels can help cut bureaucracy and make our business processes more efficient and customer friendly.

Leadership Forum

The leadership forum has been created to enable our wider leadership team to engage in transforming Angus. Members are working together to share information and ideas, discuss new developments and consider issues and challenges.

There are 160 senior managers in the leadership forum.

Leadership Development Programme

Developing leadership in the council is a fundamental element of Transforming Angus.

The leadership development programme focuses on an open and collaborative style of leadership. It encourages managers to explore new and better ways of working and to support and develop people to make a greater contribution as we go forward. We are developing a culture of creativity and improvement and creating an empowering environment that will enable us to deliver the best possible quality services that meet the needs of the citizens and communities we serve.

Under the council's Scheme of Delegation, the Strategic Director – Communities is responsible for exercising all responsibilities on behalf of Angus Council for the functions specified in the Climate Change (Scotland) Act 2009 and the head of Planning & Place has to manage Angus Council's response to the new duties specified in the Act.

The Climate Change Strategy Working Group is responsible for co-ordinating actions in the Climate Change Strategy which brings together actions to both mitigate and adapt to a changing climate. The Climate Change Strategy can be found at: <http://archive.angus.gov.uk/ccmeetings/reports-committee2011/StrategicPolicy/823.pdf>

Improving Climate Change Governance, Leadership and Management

Provide details of plans to *improve* climate change governance, leadership and management arrangements e.g. creation of new groups, service improvement plans etc.

The Head of Technical and Property Services has agreed to chair a new Member/Officer group to deal with climate change issues.

Strategies, Plans and Programmes

Outline how climate change is incorporated into strategies, plans and programs, e.g. the Single Outcome Agreement, the Community Plan, the Council Corporate Plan, Service Plans, Structure and Local Development Plans, etc.

Please provide links to these documents and detail the specific sections or paragraphs where climate change is referenced.

Angus Community Plan and Single Outcome Agreement 2013-16 (Reviewed June 2014)
<http://www.angus.org.uk/pdfs/communityplans/AngusCommunityPlanandSingleOutcomeAgreement2013-2016-v2.pdf>

Climate Change is addressed under 'Communities that are sustainable' and is identified as a key priority for the Rural and Environment Partnership (pp49-56, particularly pp55 & 56)

The Council Plan 2014-2017 also reiterates the priorities in the Community Plan and Single Outcome Agreement <http://archive.angus.gov.uk/ccmeetings/reports-committee2014/anguscouncil/155app1.pdf>

The Strategic Development Plan can be found at: <http://www.tayplan-sdpa.gov.uk/>

At a local level, users of the Angus Local Plan Review wishing to look at the Council's general strategy should refer to Part 1 of the Plan. Policies and proposals for building sustainable communities and managing the environment and use of resources are set out in Parts 2 and 3. In support of the principles of sustainable development the Plan establishes key linkages between various elements of policy and the user may require to review several parts of the Plan in considering a particular development issue or proposal. The Angus Local Plan Review can be found at: <http://archive.angus.gov.uk/localplan/review.htm>

The Angus Economic Strategy can be found at:
<http://www.angus.org.uk/pdfs/AEDPEconomicStrategy.pdf>

The Local Housing Strategy contains a strategic priority to improve the quality of housing, and make it energy efficient and easy to heat. It can be found at:
<http://archive.angus.gov.uk/lhs2012/LocalHousingStrategy2012-2017.pdf>

The Tayside Local Biodiversity action plan can be found on the Tayside Biodiversity Partnership's website on <http://www.taysidebiodiversity.co.uk/PDF/A%20local%20plan%20for%20local.pdf>

The Sustainable Procurement Policy can be found on Annex I on this report:
<http://archive.angus.gov.uk/ccmeetings/reports-committee2012/AngusCouncil/221.pdf>

Priorities for the Year Ahead

What are your key priorities for climate change Governance, Leadership and Management within your organisation?

- Work with other local authorities in the north east to develop a Sustainable Energy Action Plan (SEAP)
- Set up new Member/Officer working group for climate change.
- Progress the production and adoption of the Angus Local Development Plan.

Reducing Corporate Emissions

Targets:

Please state whether your local authority has set targets for 'corporate' greenhouse gas emissions. If yes, please provide below:

Local Authority	Target and Document Source (please provide link)
Angus Council	The current Carbon Management Plan (2011-2016) has a target of reducing CO2e emissions from buildings by 2.5% per annum and to achieve an overall reduction in CO2e emissions from Council activities of at least 20% by the end of the year 2015-16. The CMP can be found at http://www.angus.gov.uk/ccmeetings/reports-committee2011/StrategicPolicy/610.pdf

Performance:

Progress against targets (total CO₂ tonnes) – please add/delete columns as appropriate

Local Authority	Baseline year	Total in Year 1 (tCO ₂ e)	Total in Year 2 (tCO ₂ e)	Total in Year 3 (tCO ₂ e)	Total in Year 4 (tCO ₂ e)
Angus Council	2010/11	45,027	44,112	43,240	41,487

Corporate Reporting – Further Information

Please complete the table below. Data in *italics* is optional. What are the boundaries of the data provided (e.g. local government estate?). The information below is for Council Estate Functions only. The Energy Annual Report for 2013/14 can be found here: <http://archive.angus.gov.uk/ccmeetings/reports-committee2014/communities/337.pdf>

Area	Performance (2013-14)	Target p.a. (if applicable)
(a) Total GHG emissions	37,265.5 tCO ₂ e	2.5% per annum from buildings. (estimated from staff travel survey 2012) Targets for staff travel can be found in the Staff Travel Plan at http://archive.angus.gov.uk/ccmeetings/reports-committee2013/StrategicPolicy/675.pdf
(b) Electricity	29,248,377kWh	
(c) Gas	39,546,385kWh	
(d) Street lighting	7,993,408kWh	
(e) Staff travel (commute)	5672.6tCO ₂ e	
(f) Fleet	2593.50 tCO ₂ e	
(g) Business travel	1,132tCO ₂ e	
(h) Oil	1,315,647kWh	
(i) LPG	81,471kWh	
(j) Biomass	2,278,302kWh	
Carbon Reduction Commitment-related emissions	18,853 tonnes	Reportable emissions, Electricity & Gas
<i>CRC-related expenditure</i>	£190,236	For allowances, excludes the subsistence charge.
<i>Energy expenditure (gas and electricity)</i>	£4,702,165	Including street lighting
(a) Total waste	Tonnes	Data not available as the Council's own waste/recycling is not collected separately to other household waste.
(b) Waste to landfill	Tonnes	
(c) Waste recycled/reused	Tonnes	
(d) Waste incinerated or energy from waste	Tonnes	
<i>Waste expenditure</i>	£	
<i>Waste emissions</i>	tonnes	Data not available.
Water consumption	230,867m ³	
<i>Water expenditure</i>	£864,723	

Biodiversity

A short commentary should be provided on action on biodiversity when performing your duty under the Nature Conservation (Scotland) Act 2004. Please detail any biodiversity achievements during 2013-14 and any targets to improve biodiversity.

Angus Council currently co-fund the Tayside Biodiversity Partnership. The Partnership leads on carrying out activities that fulfil the authority's statutory obligations under the Nature Conservation (Scotland) Act 2004. The Partnership facilitates and reports on more than 70 projects in Angus that contribute to the protection of biodiversity, habitat enhancement, flood mitigation, climate change adaptation and mitigation and the protection of ecosystem functions. In 2015 the 2015-25 Local Biodiversity Action Plan will be launched and the current plan will be reviewed to measure its

success.

Please see the corporate reporting section for further details. Also the Tayside Biodiversity Partnership's website www.taysidebiodiversity.co.uk, the River South Esk Catchment partnership www.riversouthesk.org and Angus Council's Environmental SOA report <http://www.angus.org.uk/remitarep.cfm>

Sustainable Procurement

Please complete the table below.

This information can be obtained from the most recent Flexible Framework self-assessment that would have been completed by the organisation as part of their annual Procurement Capability Assessment (PCA).

	Current Performance Level (Level 0-5)	Target (e.g. To be at Level x by x date)
People	3	to be at level 3 by end 2014/15
Policy	3	to be at level 3 by end 2014/15
Process	4	to be at level 3 by end 2014/15
Suppliers	3	to be at level 3 by end 2014/15
Monitoring and Reporting	2	to be at level 3 by end 2014/15
Overall	3	to be at level 3 by end 2014/15

Please provide a short commentary on any sustainable procurement achievements during 2013-14

Worked towards achieving the Silver Timber Pledge Award (awarded for the Montrose Sports Centre in 2014).

Local 10 point supplier support plan approved by Procurement Board (Tayside procurement Consortium – TPC - Steering Group) in April 2013 - progress made on all 10 targets over the reporting period for TPC. Also approved for local activity with an Improvement Plan in place for all procuring Services

Community Benefits in Procurement (CBiPs) policy agreed for the TPC - progress made delivering CBiPs in all the Tayside Councils.

Corporate Emissions - All TPC contracts are now awarded on Most Economically Advantageous Terms which include outcomes to address this type of activity where appropriate

Corporate Emissions Priorities for Procurement 2014/15 - N/A

Action to Reduce your Corporate Emissions

- Please provide information on action to reduce emissions during **2013-14** including behaviour change initiatives.
- Please give details on how these initiatives were financed.
- If you have not delivered initiatives under these areas during **2013-14** then please leave blank.

Area	Initiatives	Financing
Electricity	Installation of PV arrays, Installation of LED lighting and controls.	Revenue, capital and CEEF

Gas	Replacement gas boilers, upgrades to the BMS.	Revenue and CEEF
Street lighting	Install LED fittings and controls	Revenue
Staff travel	<ul style="list-style-type: none"> • Angus Liftshare regularly promoted to staff & public – 497 members as @ 31/3/14 – estimated saving of 130 tonnes over the year. • 24 members of staff undertook FuelGood Driver Training. • 59 members of staff joined the Cycle to Work Scheme in 2013/14 making a total of 258 since the scheme began. • Participation in annual events such as Bike Week. • Commuter cycling training offered to staff in 2012. • Traveline Scotland available on the Council's website. • Staff survey carried out in 2012 and results used to develop new Travel Plan 2014-2019 approved by Strategic Policy Committee in December 2013. • The staff travel survey carried out in 2012 shows average commuter mileage for staff 21.2 miles round trip. Extrapolated across all staff this estimates CO2e emissions as being 5672.6 tonnes. No further staff survey carried out 2013/14 – substantial reductions could be achieved once Agile Working is implemented. • Mileage claims for 2013/14 amount to 3,009,328, (down from 3,149,394 miles in previous year) = a saving of 52 tonnes CO2e. Fuel type & mpg is not known for every car so "unknown fuel" conversions factor was used from DECC's guidelines on company reporting of greenhouse gas emissions. As part of the integrated payroll/HR system, ResourceLink, development on car mileage expenses, it will be a requirement for all employees and elected members using the online expenses to provide the CO2 emission of their car(s). 	<p>Tactran Funding</p> <p>Tactran Funding</p>
Fleet	<ul style="list-style-type: none"> • Alongside the purchase of the lowest emission vehicles possible we have procured a number of "Hybrid Drive" vans for our Grounds Maintenance operations, we have ordered for delivery in 2014 a Hybrid Drive 7.5T vehicle for our new Food Waste collections, the fuel and emissions of this will be measured against normal diesel driven vehicles to assist our decision making for future years purchases. We also have on order for 2014 delivery, replacement Minibuses for 3 Angus schools which will have Euro VI emissions standard engines (well ahead of any legislation for this). 	<p>The Grounds maintenance vehicles were replaced as part of our General vehicle replacement Programme and are Capital funded.</p> <p>The Food Waste collection vehicle was funded from the Waste Strategy Fund.</p> <p>The School Minibuses are part funded from the individual schools revenue budget and part from Parent Council fund raising activities.</p>
Waste	<ul style="list-style-type: none"> • Undertake a specific review across all council facilities to identify options for increasing the opportunities for recycling by staff and customers in terms of both the number of collection points and materials collected - This has already been completed but will be reviewed again as part of roll-out of new recycling service during 2014. • Develop an education and promotion campaign to that described above, aimed at council staff and customers calling at council facilities - As above. 	

Biodiversity	<ul style="list-style-type: none"> • Ongoing projects being carried out by terrestrial and coastal groups to enhance habitats and species populations. Tayside Biodiversity Action Plan to be reviewed in 2013/14. Late 2014 will see the publishing of the next 10year Tayside Biodiversity action Plan with many new projects and case studies demonstrating good practice across the region. http://www.taysidebiodiversity.co.uk/ 	FCS Angus Council CNPA EDSFB PIP LIFE Project
	<ul style="list-style-type: none"> • Ongoing work between main environmental stakeholders in particular Forestry Commission Scotland and the River South Esk Catchment Partnership. Landscape scale catchment management incorporating native tree planting schemes and flood management are being developed particularly in the upper South Esk catchment. http://theriversouthesk.org/ 	FCS Angus Council CNPA EDSFB PIP LIFE Project
	<ul style="list-style-type: none"> • Ongoing work between main environmental stakeholders in particular Forestry Commission Scotland and the River South Esk Catchment Partnership. Landscape scale catchment management incorporating native tree planting schemes and flood management are being developed particularly in the upper South Esk catchment. Joint catchment restoration work and projects being explored with CNPA also.http://theriversouthesk.org/ 	N/A
	<ul style="list-style-type: none"> • Ongoing work between main environmental stakeholders in particular Forestry Commission Scotland to encourage native tree planting and to monitor the connectivity of natural woodland in Angus and identify areas for increased planting opportunities. 	N/A
	<ul style="list-style-type: none"> • Planning department to provide a training session for staff as part of the “Biodiversity in Practice” lunchtime Seminar sessions on “The Native Woodland Survey of Scotland and its Relevance to Angus” in July 2014. 	Tayside Biodiversity Partnership
	<ul style="list-style-type: none"> • Ongoing work through issues identified in Angus Woodland and Forestry Framework see http://www.angus.gov.uk/ac/documents/wff/default.html in particular contour planting projects in the upper catchment areas of Angus. 	FCS, Angus Council, CNPA, EDSFB, PIP LIFE Project
	<ul style="list-style-type: none"> • Ongoing projects on a catchment scale carried out by the River South Esk Catchment Partnership http://theriversouthesk.org/ • Ongoing projects carried out by the River South Esk Catchment Partnership, Tayside Biodiversity Partnership and Tay Estuary Forum. http://theriversouthesk.org/ http://www.taysidebiodiversity.co.uk/ 	Angus Council, CNPA, EDSFB, ERFT, SNH N/A

- What are your priorities for **2014-15**? If you do not have priorities under the areas stated for **2014-15**, then please leave blank.

Area	Priorities for 2014-15
Electricity	LED lighting and controls
Gas	Replace gas boilers, upgrades to the BMS.
Street lighting	Install LED fittings and controls. (Salix and revenue funding)
Staff travel	Implementation of the online car mileage expenses which will include CO2 emissions data. Develop an Active Travel Strategy for Angus
Fleet	Continue to procure vehicles with the latest technology and lowest carbon emissions possible.
Waste	Establish working group for ongoing work at Restenneth Landfill Site. Continue phased introduction of kerbside collection of recyclates.
Biodiversity	Reviewing old plan and launching the start of the implementation of the new Biodiversity Action Plan.
Procurement	Continue to implement the Sustainable Procurement Policy

Reducing Area-wide Emissions

What are your total area-wide and per capita emissions? Please indicate emission amounts and unit of measurement (e.g. tCO_{2e}) and years. Please provide information on the following components using data from the link provided below:

'Emissions within the Scope of Local Authorities for 2005-11' dataset

<https://www.gov.uk/government/publications/local-authority-emissions-estimates>

Angus Council	2012 ktCO _{2e}	2011 ktCO _{2e}	2010 ktCO _{2e}	2009 ktCO _{2e}	2008 ktCO _{2e}
Total Emissions	848.6	807.4	878.1	854.7	915.1
Industry and Commercial	294.3	281.2	304.9	304.0	325.8
Domestic	309.1	280.1	320.7	299.9	331.1
Transport total	245.2	246.1	252.5	250.8	258.2
Per Capita	7.3	6.9	7.6	7.4	8.0

*** SSN notes:** due to a national (UK) shift to a more coal dependant energy mix that emissions across all sections above (excluding transport) may rise in 2012.

Local Data

Have you developed any local emissions data, please provide commentary in the box below.
This can include any work to footprint area energy consumption, transport, waste etc.

An ecological footprint exercise was carried out in Angus a number of years ago, this was done for the Angus area as a whole and a smaller community based project was carried out in Brechin. However, no other projects to footprint the area have been carried out since then.

Targets:

Local Authority or other organisation/community group with Local Authority Area	Target including explanation of the reduction (% on what), timeframe (e.g. between 2005 and 2027), scope (e.g. direct, consumption) and exclusions (e.g. large industry)	Progress to date

Area wide Actions:

What is your local authority doing to reduce greenhouse gases from your local authority area? Please provide examples of initiatives under the following headings, if you do not have any action under any of these headings then please leave blank. Please make clear distinction between initiatives initiated in **2013-14** and earlier years.

Area	Action in 2013-14	Existing	New	Importance in reducing GHG. High, medium, low	Comment on LA role. Progress and success of measure (if known)
Energy	Earth Hour 2013	Yes		High	Promoting annual Earth Hour and switch off in council offices and schools.
	Since 2013 AC has approved renewables applications for: Turbines – 2,480Kw Hydro, PV's, Heat Pumps & Biomass – 1,742.8Kw		Yes	High	
	See Angus Renewable Energy Showcase below. Adaptive levels of street lighting to reduce energy use.	Yes	Yes	High	The council continues to reduce the energy consumption of street lighting both in terms of reducing the carbon footprint and its energy costs - more details: http://archive.angus.gov.uk/ccmeetings/reports-committee2014/committees/341.pdf
Homes and Communities	AC has carried out EPCs for all our electrically heated properties. Where they do not meet the SHQS Energy	Yes		High	Off grid properties are having other energy efficient measures taken to meet the SHQS criteria.

	<p>Efficiency criteria, tenants offered gas heating where available.</p> <p>32 new homes have been built to the Bronze standard and up to level 4 of the Code for Sustainable Homes.</p> <p>Promoting the Climate Challenge Fund to communities.</p> <p>Five new family homes opened on 3 December 2013 at Marywell Gardens, Kirriemuir</p>	<p>Yes</p> <p>Yes</p>		<p>High</p> <p>High</p> <p>High</p>	<p>Saving an additional 86.4 tonnes over standard new build housing. 12 gas heated flats have been demolished and this has saved 44.4 tonnes.</p> <p>The housing development forms part of Angus Council's ambitious building programme to provide 147 new council houses, which will help reduce the housing waiting list, and meet the council's vision of building quality affordable and energy efficient homes for rent in areas of highest need across Angus.</p>
Business	<p>Angus Renewable Energy Showcase - A free event was organised in Angus to showcase renewable energy and energy efficiency options for homes, small businesses and the farming community. Angus Council, Angus College and the University of Abertay, Dundee worked together to organise the free Renewable Energy Showcase event, supported by the East of Scotland Rural Supply Chain Project, on Saturday 27 April 2013.</p>		Yes	High	See more detail below in Communications & Behaviour Change
Transport	<ul style="list-style-type: none"> Transport Team produces a 'Days out by Bus and Train in Angus' booklet Details of Angus Council's Paths Networks Leaflets Public Transport information is provided to the Cairngorms National 	<p>Yes</p> <p>Yes</p>	Yes	<p>Med</p> <p>Med</p> <p>Med</p>	<p>Available on line and from libraries, tourist offices, council offices etc across Angus.</p> <p>This addresses an action in Angus Council's Health & Transport Framework in respect of promoting active</p>

	<p>Park Authority to promote access to the Park from Angus</p> <ul style="list-style-type: none"> • Service X7 Dundee – Arbroath – Montrose – Stonehaven – Aberdeen now conveys bicycles. • Following meetings between Angus Council, Tactran, MSP's and Elected Members; the number of services stopping at Monifieth increased from two to six Monday-Saturday from December 2013. - compared with less than 550 at Monifieth station over the same period the previous year, an increase of up to 120% a month. The decision to treble the number of trains at Monifieth on weekdays and Saturdays reflects the strong demand for rail services in the area. • 77% of schools in Angus have a Travel Plan in place or are currently undertaking travel plan activities. 	<p>Yes</p> <p>Yes</p>		<p>High</p> <p>High</p> <p>Yes</p> <p>High</p>	<p>travel.</p> <p>Passenger demand for the four new services has exceeded all expectations. Passenger numbers at Monifieth have more than doubled in the first three months since the introduction of a 08.11 service to Edinburgh, a 17.57 to Arbroath, 18.31 to Edinburgh, and a 23.14 to Aberdeen. More than 1,300 people used the services from 9 December 2013 and 1 March 2014</p>
Waste & Resource Efficiency	<p>Roll out of kerbside collection of recyclates.</p> <p>Expand the range of materials which can be recycled at Recycling Centres.</p> <p>Angus Council took part in Scotland's Recycle Week, which ran from 17 - 23 June 2013.</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p>		<p>High</p> <p>High</p> <p>High</p>	<p>Still ongoing.</p> <p>Completed to the maximum availability – ongoing reviews.</p> <p>Throughout the week, the waste awareness teams along with the recycling centre attendants were on site to meet and greet customers entering the recycling centres and offer information and advice on how they can recycle more materials when visiting the centre.</p>

	Initiate discussions with neighbouring authorities with a view to exploring the potential for forming a joint waste disposal group having a remit to investigate longer term options for waste disposal aimed at securing sustainable disposal at the most economic cost for a period of not less than 20 years.	Yes		High	Joint procurement with Dundee City Council for long term residual waste treatment (thermal treatment) has been initiated and a new contract start date anticipated for 2016.
	Introduce on a phased basis a revised recycle collection system to meet the proposed Zero Waste Plan for Scotland targets this to include consultation with householders -	Yes		High	Phased introduction of new kerbside recycling service which includes mixed recycling collections and food waste collections.
	Extend the AWC system in terms of grey bin, green bin, collection of recycle and food waste to all areas of Angus where implementation should be feasible, this to include consultation with householders.		Yes	High	Ongoing and to include offload area for food waste. (Offload area is the area where our recycling collection vehicles discharge recyclable material into skips or bulkers to transfer to processors.)
	Carry out ongoing development at Restenneth Landfill site - It is expected the working group will be established in early 2015.		Yes	High	Development of new cell at Restenneth would need to start late 2015 but currently assessing option of a new cell taking into account possible residual waste partnership with Dundee City and impact on new kerbside recycling service, therefore no decision taken as yet on development of new cell.
	Implement the recommended actions from the Waste Best Value Review -		Yes	High	To maximise fuel savings - reduce CO2 emissions by improving vehicle optimisation through reviewing working patterns and improving driver behaviour and demonstrate best

	<p>Expand the range of materials which can be recycled at Recycling Centres in order to reduce the levels of general waste collected through a programme of investment (which may include the provision of additional staff on site to assist customers in recycling materials brought to the site) -</p> <p>Develop a locally based education and promotion campaign to encourage waste minimisation and maximum recycling/composting among householders.</p> <p>Develop an education and promotion campaign to that described above, aimed at council staff and customers calling at council facilities - As above.</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p>	<p>Yes</p>	<p>High</p> <p>High</p> <p>High</p>	<p>practice.</p> <p>Completed – the range of materials that can be recycled at each Recycling Centre has been maximised based on available space and availability of markets for materials. There will be ongoing review of the range of materials that can be recycled taking into account changes to recycling markets.</p> <p>Completed – Waste Awareness Officers now on staff establishment and campaign ongoing as part of roll-out of new kerbside recycling service.</p> <p>Completed – as above.</p>
Rural land use	<p>The Glen Clova Contour Planting Project is an innovative project which aims to apply good practice natural flood management techniques developed in other areas of the UK to Glen Clova in the River South Esk catchment. The scheme incorporates tree planting on agricultural soils above 300m and the effects on increased water infiltration (which could potentially limit riverine flooding intensity) will be studied.</p> <p>Carried out a study to consider the capacity of the Angus landscape to accommodate onshore wind energy development</p>	<p>Yes</p>	<p>Yes</p>	<p>Med</p> <p>High</p>	<p>The project aims to be extensive and will be the first part of a more extensive establishing at least 300+ ha of mainly native woodland within the glen. Glen Clova accounts for approx 32% of all the surface water run off into the South Esk so if this can be controlled to reduce the rate of run off, then the downstream effects could be significantly reduced.</p> <p>The Strategic Landscape Capacity Assessment for Wind Energy in Angus can be found at http://www.angus.gov.uk/downloads/file/417/strategic-landscape-capacity-assessment</p>

	Native woodlands are in favourable condition with improved resilience to potential climate change impacts.		Yes	High	or wind energy in angus Ongoing work through Angus Woodland and Forestry Framework.
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Priorities for the Year Ahead (2014-15)

Please provide priorities for the given areas for 2014-15. If you do not have action planned under the following areas then please leave blank.

Area	Action in 2014-15
Energy	Continue to promote energy efficiency to the community such as through Earth Hour and other events.
Homes and Communities	<ul style="list-style-type: none"> • Increase the number and proportion of all housing stock to meet the Scottish Housing Quality Standard by 2015. • Tackle fuel poverty, promote and fund Home Insulation Scheme and Energy Assistance Package, to be achieved in all tenure. • Promote high standard of new build and tackle the effects of climate change. • Reduce greenhouse gas emissions that derive from homes by using technologies that lower CO2 emissions.
Business	<ul style="list-style-type: none"> • Continue to develop and work with industry led groups in tourism; food and drink and sustainable energies. • Continue to endeavour to increase the spread and speed of broadband coverage in Angus.
Transport	<ul style="list-style-type: none"> • Develop Active Travel Plan for Angus. • Develop "Go Greener Angus" initiative. • Encourage local community groups to apply for Climate Challenge Funding to set up a car club in Angus.
Waste & Resource Efficiency	<ul style="list-style-type: none"> • Continue to roll out the kerbside collection service of recyclates. • Continue to work towards a 60% recycling and composting rate by 2020.
Rural land use	<ul style="list-style-type: none"> • Work to support and increase the area of native tree planting carried out in Angus. • Develop, promote and support a wide range of community and stakeholder projects that contribute to climate change mitigation and adaptation.

Climate Change Adaptation

This section of the template has been developed in conjunction with [Adaptation Scotland](#) to align with their 5 Steps to Managing your Climate Risks Guidance published in 2014.

Climate Change Adaptation – Responsibility and Progress

Who is responsible for adaptation planning within your organisation and what progress has been made to date?

No single person that has been named as the person responsible for adaptation planning in Angus Council. However, the Climate Change Strategy Group developed Angus Council's Climate Change Strategy and Action Plan 2012-2016. The Strategy contains a section on Climate Change Adaptation. The latest progress report can found at <http://archive.angus.gov.uk/ccmeetings/reports-committee2014/communities/341.pdf>

The start of the Adaptation section is on page 23 of the report.

Climate Change Adaptation Assessment – Current Situation

Have you assessed current climate-related threats and opportunities? Where possible, make reference to threats and opportunities relating to:

- Buildings and Infrastructure
- Society
- Natural Environment

Buildings & Infrastructure

Currently the Corporate Risk Register does not include climate-related threats, however, risk assessments are undertaken at a Business Unit Level and project level (Roads & Property).

A Local Climate Impacts Profile (LCLIP) was developed for Angus in 2009 looking at climate impacts in Angus from 2001 to 2009. A second edition was produced in 2013 looking at impacts from 2009 to 2012. Both LCLIPs can be found at

<http://archive.angus.gov.uk/sustainability/publications.htm>

Society

The Climate Change Strategy contains a section on health & wellbeing which looks at the risk posed to peoples' health from climate change. Please see page 16 on the appendix at

<http://archive.angus.gov.uk/ccmeetings/reports-committee2011/StrategicPolicy/823App.pdf>

Natural Environment

The Tayside Biodiversity Partnership, Tay Estuary Forum, River South Esk Catchment Partnership, SEPA-Tay Area Advisory Group, Angus Shoreline Management Plan and Angus Rural & Environment Partnership are just some of the groups that assess current and future climate change threats and opportunities. This is done by ongoing plans, projects and consultation. Particular threats are biodiversity loss, flooding, erosion, increased pollution and limitation of enjoyment of the natural environment. Opportunities that arise from these situations are better partnership work at a local and national level, sharing best practice, increased environmental funding opportunities, awareness raising and increased monitoring of species and habitats.

Climate Change Adaptation Assessment – Future Threats and Opportunities

Have you assessed future climate-related threats and opportunities? Where possible, make reference to threats and opportunities relating to:

- Buildings and Infrastructure
- Society
- Natural Environment

As mentioned above a list of 20 actions the council has/is taking on climate change adaptation can be found in the Climate Change Strategy & Action Plan Report (Page 23) on

<http://archive.angus.gov.uk/ccmeetings/reports-committee2014/communities/341.pdf>

The Angus Local Plan Review contains policies regarding Surface Water Management, Water Supply, Flood Risk and Coastal Management as well as policies on Energy Efficiency, Renewable Energy, Wind Energy, and Local Community Benefit see

<http://archive.angus.gov.uk/localplan/ALPReviewAdoptedsection3.pdf>

The Angus Local Development Plan is currently being prepared, and this will provide an up to date position in relation to future land use and climate-related threats and opportunities.

Climate Change Adaptation – Risks

How is climate change risk embedded in your organisation? If not, how do you intend to make this business as usual?

The emerging Local Development Plan Main Issues report contains a section entitled “Communities that are Sustainable” which looks at issues such as mitigating and adapting to climate change. The Main Issues Report can be found at <http://archive.angus.gov.uk/ldpmainissuesreport/pdfs/ALDPMainIssuesReport.pdf>

Climate Change Adaptation - Actions

What actions do you already have in place to manage current and future climate change threats and opportunities? Please provide details on:

- Buildings and Infrastructure
- Society
- Natural Environment

As mentioned above a list of 20 actions the council has/is taking on climate change adaptation can be found in the Climate Change Strategy & Action Plan Report (Page 23) on <http://archive.angus.gov.uk/ccmeetings/reports-committee2014/communities/341.pdf>

Other example projects include:

Brechin Flood Prevention Scheme - Angus Council has welcomed the award of £13.1 million worth of Scottish Government funding towards the £16.3 million cost of flood prevention works in Brechin. The Brechin Flood Prevention Scheme is an integrated flood and drainage scheme which will provide protection from flooding. The scheme consists of direct defences; flood embankments and flood walls; upgrades to the existing surface water drainage system, including work on the Denburn Culvert and installation of 3 x submerged pump stations.

Welcoming the news, Angus Council's vice convener of communities Cllr Jeanette Gaul said: "The Brechin Flood Prevention Scheme is the single largest civil engineering project within Angus and affects a large number of individuals, group and businesses. I am delighted that the Government has recognised how essential this scheme is and given its approval. The flood prevention scheme is a hugely important project for Brechin and represents a significant investment in the burgh."

The council was awarded £13,106,400 grant towards the £16,383,000 project cost. The remaining 20% cost will be met by the council which aims to complete the scheme in the next two years. For background information and further details, visit the Brechin Flood Prevention Scheme webpage.

Climate Change Adaptation – Next Steps

What further actions do you need to put in place to manage identified for current and future climate change threats and opportunities?

Climate change needs to be considered as part of the council's risk assessment process and included on the risk register.

Priorities for the coming year (2014-15)

What are your climate change adaptation priorities for the coming year?

- Angus Council will fully engage with Scottish Environment Protection Agency (SEPA) in the setting of actions to be included within flood risk management plans.
- Angus Council will work with the local advisory group to develop Flood Risk Management Plans.
- Promote adaptation and mitigation measures that enhance the sustainability of the use of natural resources.
- Ensure those areas most vulnerable to rising sea level and/or storm surge and wave overtopping are identified to improve understanding, management and policy.

Partnership Working, Communications and Capacity Building

Climate Change Mitigation

Describe any partnership work on climate change, especially Community Planning Partnership initiatives conducted this year (2013-14) for Corporate and Area Wide emissions.

Please include diagrams to illustrate the structure of these partnerships.

Please provide an explanation of what the partnership initiatives have aimed to do, what action has happened and what plans for future work are in place

Corporate Partnership Work

Thematic Partnership Groups

The Angus Community Planning Partnership (ACPP) has set up a number of groups to work in partnership to improve the quality of life of Angus residents. These groups operate at an Angus wide level working towards improving the area's economy, improving community learning, making Angus a healthier and safer community in which to live, and protecting and enhancing the quality of the Angus environment. Please see diagram below:



See the link for progress report <http://www.angus.org.uk/pdfs/REPFULLYearRep1314.pdf>

Area Wide Partnership Work

Support for Energy and Fuel Conscious Angus Residents - From September 2013 Angus residents looking to find ways to reduce energy consumption and manage fuel costs could request a face-to-face meeting. The new service is available thanks to a successful bid by Angus Council for a grant from Support and Connect Big Lottery Fund. The new service expands on the existing telephone energy efficiency services provided by SCARF (Save Cash and Reduce Fuel), the Government Energy Advice Centre. The grant from Support and Connect Big Lottery Fund is for £69,040.

Angus Household Energy Efficiency Project - Angus Council has joined forces with fuel action charity SCARF to create a Warm Angus project to reduce household energy use and costs in the county. The project has funding of £700,000 which will be used for energy efficiency improvements. Specialist housing officers were on hand at the Co-op, Brechin between 10am and 2pm on Friday 24 January, and at Tesco, Forfar between 10am and 2pm on Friday 31 January to give information and advice to householders about the project.

Owner occupiers and private sector tenants in council tax bands A to C, may qualify for free energy efficiency improvements such as loft insulation, new boilers, central heating systems, wall insulation, draft proofing and energy efficient glazing. These measures could save householders significant sums such as £50 per year for full draft proofing, or approximately £170 per year by installing loft insulation or replacing single glazing with double glazing. By replacing an old boiler with a new A-rated system, householders can achieve savings of £100 to £300 per year. The Warm Angus project has been created through the Home Energy Efficiency Programme for Scotland, funded by the Scottish Government and Energy Company Obligation to reduce household energy use and costs.

Climate Change Adaptation Partnerships

Are you working with your Community Planning Partnership, communities or other stakeholders to identify shared threats and opportunities, and implement actions?

The Rural and Environment Thematic Partnership (part of Angus Community Planning Partnership's structure) works to three priority areas, including 'Climate Change'. Measures and actions around CO2 reduction, including active travel promotion, are regularly reported and reviewed. In addition, partners have their own climate change mitigation measures in place.

The Angus Community Planning Partnership, under its Cross-Cutting Policy Priority of 'Sustainable Economy and Employment' is focussing on the potential development of a Centre for Excellence in Engineering (expected to address renewables opportunities among others); and broadband development.

Strategic community planning activity – including Angus-wide questionnaires - takes place alongside a localities-based approach to working with communities.

Communications and Behaviour Change Initiatives

List and describe climate change communications undertaken by you and partners either internally or to the wider community during **2013-14**. Please explain who the target audiences for the communications were and whether these were generally climate change mitigation or adaptation focused.

Have you made use of the Scottish Government's Low Carbon Behaviour Framework and ISM tool? If yes, please detail how.

Angus Renewable Energy Showcase - A free event was organised in Angus to showcase renewable energy and energy efficiency options for homes, small businesses and the farming community. Angus Council, Angus College and the University of Abertay, Dundee worked together to organise the free Renewable Energy Showcase event, supported by the East of Scotland Rural Supply Chain Project, on Saturday 27 April 2013. Experts and installers of a range of renewable technologies were on hand at the event to discuss the costs and benefits of the systems available and answer questions. Speakers representing local companies, Scottish Government supported agencies and educational institutes provided an insight into the key issues and barriers affecting

renewable energy developments, government incentives and the support that is available. Grant Withers, business development director, Forster Group, said: "To meet the challenges of adapting to a low carbon economy in Scotland, Angus businesses have the opportunity to engage with the available renewable business opportunities at an early stage thus maintaining a competitive advantage."

More Angus Residents Reap Rewards For Recycling - Angus Council has extended its initiative of offering free soil enhancing compost. From 10 October 2013, residents can now collect compost for their gardens at Forfar recycling centre. The move comes after the successful trial at Arbroath Recycling Centre.

The council composts green waste collected from recycling centres and the green bin kerbside service. The waste is taken to Restenneth, near Forfar, where the material is processed and composted. From Friday 22 November, residents can now collect compost for their gardens at Montrose recycling centre. The move comes after the successful trial at Arbroath and Forfar Recycling Centre. Most of the compost produced is currently used for land restoration of the landfill site at Restenneth, however a limited amount has now been made available for the public.

Angus Cycle Route Cards - New route cards which showcase some of the best cycling routes in Angus have been launched. The pack of 10 cards give details of cycle routes throughout the county, giving visitors and residents alike the chance to experience the stunning scenery and features that the area has to offer. The cards have been produced by the council in partnership with Angus Cycling Club, who have included some of their favourite regular routes.

Funding for the cards has been provided by the European Regional Development Fund, through a Rural Tourism Business Support Project which aims to deliver an innovative, collaborative, partnership approach to improving tourism products in the East of Scotland. The cards are free and are available from cycle-friendly businesses, bike shops and visitor information centres. They can also be downloaded from www.angusahead.com/cycling.

Advice To Angus Residents On How To Waste Less at Christmas - Angus Council has put together some festive tips to ensure householders enjoy a waste-less Christmas.

Angus Council's top tips for a Zero Waste Christmas include:

- Christmas cards and non-metallic/foil wrapping paper can be recycled in the paper container at your local recycling centre. Residents who are served by the trial kerbside recycling service can put cards and wrapping paper in their recycling bin.
- Christmas trees – cut large trees down in size and recycle them in garden waste bin or in the garden waste skip at a local recycling centre
- One in three Scots thinks we waste more food at Christmas than at any other time of the year. Love Food Hate Waste can help make sure that all your festive treats are eaten.
- Remember to reuse bags when you go shopping.
- Use rechargeable batteries for Christmas gifts that use batteries. These are good for frequently used items, such as children's toys.

Angus Council waste operatives delivered fliers with festive collection arrangements and some festive tips to ensure a waste-less Christmas.

Capacity Building

List and describe any climate change training and learning initiatives that your local authority has undertaken internally and within the community during **2013-14**.

Outline any initiatives taken to integrate climate change training into other 'core' staff development functions.

Renewables Project Benefits Brechin Pupils - An innovative Angus housing project has given local school pupils an opportunity to learn more about new technologies. Council investment to renew the roof at the Airlie Gardens sheltered housing complex in Brechin, was recognised as an ideal chance to utilise renewable energy in the form of photovoltaic panels. The panels provide the complex with its communal power, and any extra is fed back into the grid, providing income to the council. As part of the tender process, the council decided that educational visits for local high school students should form part of the contract.

The successful contractor, local company Forster Roofing, is now working with a group of students from Brechin High School, who are studying physics and construction. The pupils are receiving an overview of the business, as well as an insight to renewable technologies and the construction processes. They are also able to make use of the company's practical training area with hands on models of the panels, similar to those that have been installed at Airlie Gardens.

Helping Residents To Reduce Food Waste - Angus Council is supporting Zero Waste Scotland's campaign to reduce food waste. Staff from the council's Waste Service Team were joined by the National Food Waste team at Asda in Forfar and the Co-op in Montrose. Angus residents were invited to pop along and see how forgotten foods and leftovers can be transformed into delicious meals with a twist, and to hear ideas on how to develop cooking skills and expand recipe repertoires. Residents are also being reminded that the new household kerbside recycling collection service will include new indoor and outdoor caddies for food waste.

E-Learning Modules – two e-learning modules for staff were set up and operational in 2013, one for Sustainability which gives advice on reducing waste and energy use in the office and at home. The other module is the "EmPower" which was developed in collaboration with the Carbon Trust. The package is interactive and provides energy saving advice and guidance.

Change Today : Save Tomorrow webpage on the council's Intranet site managed by the Energy Management Unit to give staff information about saving energy. Integral to the campaign is the creation of a network of EARs (energy awareness representatives) who are trained individuals located in buildings throughout Angus.

Priorities for the Year Ahead (2014-15)

What are your climate change partnership working, capacity building and communications priorities for the year ahead?

- Develop a Sustainable Angus Twitter Page to inform and encourage participation in climate change matters locally.
- Continue to promote and encourage interest and participation in climate change matters through events, seminars, promotional material and other media.