

## Public Sector Climate Change Duties Report Template

### Introduction

Welcome to this online reporting portal to submit your annual reports under the Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) Order 2015. Please submit your 2015-16 Climate Change Report through this system on or before **30th November 2016**.

Technical guidance notes on the system can be accessed [here](#).

Detailed guidance notes on how to complete the sections can be accessed on the SSN support for reporting webpages [here](#)

Please note that the formulas within **Q3A & Q3B** will only be activated once the type of report year has been selected in **Q1F**.

The recommended reporting section follows on at the bottom of the form following the declaration which allows you to provide information on the wider impact and influence of your organisation on GHG emissions.

**Please note that there is a limit set on your session time which expires after 10 minutes and any work that has not been saved will be lost. To ensure you do not lose any entries, please remember to save the form after each entry.**

## Required section

### 1 Profile of reporting body

#### 1a Name of reporting body

Provide the name of the listed body (the "body") which prepared this report.

Angus Council

#### 1b Type of body

Local Government

#### 1c Highest number of full-time equivalent staff in the body during the report year.

4200

#### 1d Metrics used by the body.

Specify the metrics that the body uses to assess its performance in relation to climate change and sustainability.

Metric	Units	Value	Comments
Floor area	m <sup>2</sup>	280051	Gross internal floor area
Population size served	population	116,900	<a href="http://www.nrscotland.gov.uk/files/statisti/cs/population-estimates/mid-15-cor-12">http://www.nrscotland.gov.uk/files/statisti/cs/population-estimates/mid-15-cor-12</a>

#### 1e Overall budget of the body (£).

Specify approximate £/annum for the report year

£239,550,000.00

#### Comments

[http://www.angus.gov.uk/downloads/file/2434/angus\\_council\\_annual\\_accounts\\_201516\\_unaudited](http://www.angus.gov.uk/downloads/file/2434/angus_council_annual_accounts_201516_unaudited)  
Page 51. Cost of Services In Comprehensive Income

#### 1f Specify the report year type.

Financial (April to March)

#### 1g Context

Provide a summary of the body's nature and functions that are relevant to climate change reporting.

The local authority comprises three services with a diverse estate. The scope of this report covers operational estate and emissions that the Council directly controls. The built estate incorporates offices, schools/ nurseries and community buildings. Since 1st December 2015, all leisure/ library buildings are operated by Angus Alive (Cultural & Leisure Trust). The Council continues to share facilities and asset management of these properties. The Council has an operational fleet. Where staff mileage is calculated, commuting is not included. The Council also records emissions which arise from municipal waste and from water supply and treatment.

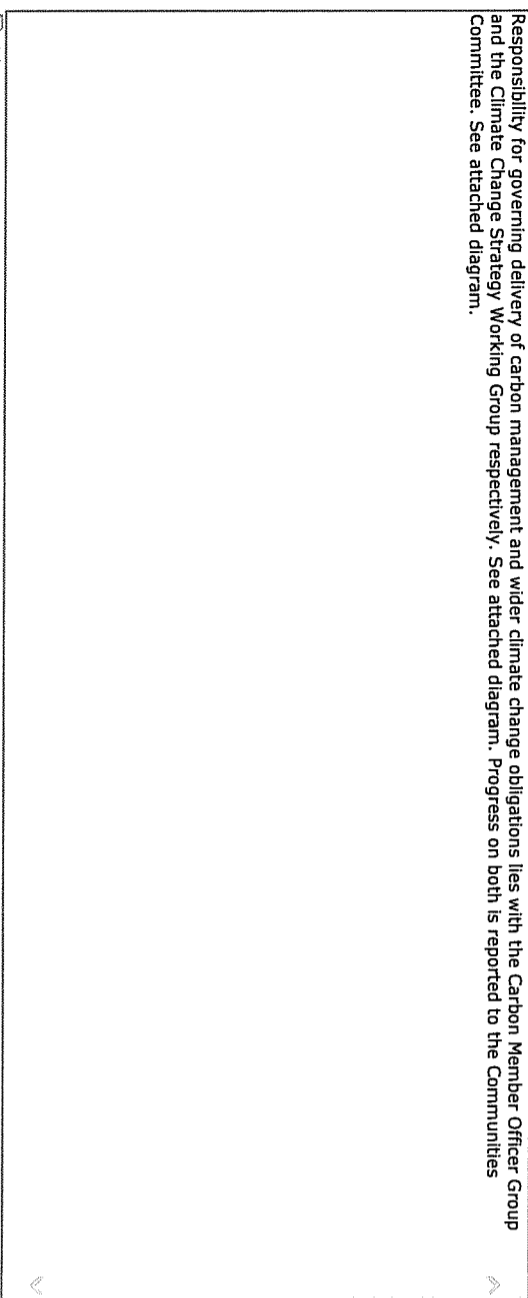
## 2 Governance, Management and Strategy

**Governance and management**

**2a How is climate change governed in the body?**

Provide a summary of the roles performed by the body's governance bodies and members in relation to climate change. If any of the body's activities in relation to climate change sit outside its own governance arrangements (in relation to, for example, land use, adaptation, transport, business travel, waste, information and communication technology, procurement or behaviour change), identify these activities and the governance arrangements.

Responsibility for governing delivery of carbon management and wider climate change obligations lies with the Carbon Member Officer Group and the Climate Change Strategy Working Group respectively. See attached diagram. Progress on both is reported to the Communities Committee. See attached diagram.



File: PBDR Governance Structure Diagram.png

**2b How is climate change action managed and embedded by the body?**

Provide a summary of how decision-making in relation to climate change action by the body is managed and how responsibility is allocated to the body's senior staff, departmental heads etc. If any such decision-making sits outside the body's own governance arrangements (in relation to, for example, land use, adaptation, transport, business travel, waste, information and communication technology, procurement or behaviour change), identify how this is managed and how responsibility is allocated outside the body.

CO2 Member Officer Group - comprises elected members & senior staff with CO2 related remit. The group meets quarterly to steer and monitor delivery of Carbon Management Plan.  
 Climate Change Strategy Working Group - comprises senior management, officer and support staff in core areas of work with carbon implications. Works at key points for developing, revising and monitoring delivery of the plan. Meets as required.  
 SECAP Working Group (Sustainable Energy & Climate Change Action Plan) - lead officers & senior managers in work areas with CO2 remit. Responsible for exploring the potential for utilising the SECAP model.

Provide a diagram to show how responsibility is allocated to the body's senior staff, departmental heads etc. (JPEG, PNG, PDF, DOC)

Browse...

**Strategy**

**2c Does the body have specific climate change mitigation and adaptation objectives in its corporate plan or similar document?**

Provide a brief summary of objectives if they exist.

Wording of objective	Name of document	Link
Partnership Priorities & Local Outcomes [Include]: Our communities are developed in a sustainable manner Our carbon footprint is reduced	Angus Council Plan 2014-2017	<a href="http://www.angus.gov.uk/downloads/file/937/council_plan_2014_-_2017">http://www.angus.gov.uk/downloads/file/937/council_plan_2014_-_2017</a>

**2d Does the body have a climate change plan or strategy?**

If yes, provide the name of any such document and details of where a copy of the document may be obtained or accessed.

Climate Change Strategy and Action Plan 2012 - 2016  
[http://www.angus.gov.uk/downloads/file/1393/climate\\_change\\_strategy\\_and\\_action\\_plan\\_2012\\_-\\_2016](http://www.angus.gov.uk/downloads/file/1393/climate_change_strategy_and_action_plan_2012_-_2016)

Carbon Management Plan 2014-2020  
<http://archive.angus.gov.uk/cmeetings/reports-committee2013/CorporateServices/353.pdf>

**2e Does the body have any plans or strategies covering the following areas that include climate change?**  
 Provide the name of any such document and the timeframe covered.

Topic area	Name of document	Link	Time period covered	Comments
Adaptation	Climate Change Strategy and Action Plan 2012 - 2016	<a href="http://www.angus.gov.uk/downloads/file/1393/climate_change_strategy_and_action_plan_2012_-_2016">http://www.angus.gov.uk/downloads/file/1393/climate_change_strategy_and_action_plan_2012_-_2016</a>	2012-2016	
Business travel	Angus Council Travel Plan	<a href="http://archive.angus.gov.uk/cmeetings/reports-committee2013/StrategicPolicy/675.pdf">http://archive.angus.gov.uk/cmeetings/reports-committee2013/StrategicPolicy/675.pdf</a>	2014-2019	
Staff Travel	Angus Council Travel Plan	<a href="http://archive.angus.gov.uk/cmeetings/reports-committee2013/StrategicPolicy/675.pdf">http://archive.angus.gov.uk/cmeetings/reports-committee2013/StrategicPolicy/675.pdf</a>	2014-2019	
Energy efficiency	Carbon Reduction Action Plan Climate Change Strategy & Action Plan Corporate Carbon Management Action Plan	See Committee Report 353/13 <a href="http://archive.angus.gov.uk/cmeetings/reports-committee2013/CorporateServices/353.pdf">http://archive.angus.gov.uk/cmeetings/reports-committee2013/CorporateServices/353.pdf</a>	2014-2020 2012-2016 2013 - 2020	
Fleet transport	Angus Council Travel Plan	See Committee Report 675/13 <a href="http://archive.angus.gov.uk/cmeetings/reports-committee2013/StrategicPolicy/675.pdf">http://archive.angus.gov.uk/cmeetings/reports-committee2013/StrategicPolicy/675.pdf</a>	2014 - 2019	
Information and communication technology	IT plans incorporated in to Transforming Angus plan	<a href="http://www.angus.gov.uk/download/meehings/id/578/agenda_item_8_-_report_n0_4815_-_transforming_angus_agile_working_and_accommodation_review_-_appendix">http://www.angus.gov.uk/download/meehings/id/578/agenda_item_8_-_report_n0_4815_-_transforming_angus_agile_working_and_accommodation_review_-_appendix</a>		Transforming Angus initiative incorporates projects that will reduce the Council's carbon footprint through implementing agile working and rationalising use of estate.
Renewable energy	Carbon Reduction Action Plan	See Committee Report 353/13 <a href="http://archive.angus.gov.uk/cmeetings/reports-committee2013/CorporateServices/353.pdf">http://archive.angus.gov.uk/cmeetings/reports-committee2013/CorporateServices/353.pdf</a>	2014-2020	
Sustainable/renewable heat	Carbon Reduction Action Plan Procurement of Biomass Boiler Installations	See Committee Report 353/13 <a href="http://archive.angus.gov.uk/cmeetings/reports-committee2013/CorporateServices/353.pdf">http://archive.angus.gov.uk/cmeetings/reports-committee2013/CorporateServices/353.pdf</a>	2014-2020 2013 onwards	
Waste management	Waste Strategy under production			
Water and sewerage	Water Management - A Corporate Commitment	See Committee Report 350/05 <a href="https://archive.angus.gov.uk/cmeetings/reports-committee2005/reservices/350.pdf">https://archive.angus.gov.uk/cmeetings/reports-committee2005/reservices/350.pdf</a>	2005 onwards	
Land Use	River South Esk Catchment Partnership Management Plan Angus Local Development Plan Angus Community Plan and Single Outcome	<a href="http://riversouthesk.org/assets/Docs/river-south-esk-plan-dec09.pdf">http://riversouthesk.org/assets/Docs/river-south-esk-plan-dec09.pdf</a> <a href="http://www.angus.gov.uk/news/article/102/proposed_local_development_plan">http://www.angus.gov.uk/news/article/102/proposed_local_development_plan</a>	2009 onwards 2009 - 2011 2013-2016 2015/16	
Other (state topic area covered in the comments)	Angus Economic Strategy Tayside Local Biodiversity Action Plan	<a href="http://www.angus.gov.uk/directory_reco rd/4843/angus_economic_strategy_2013_-_2020/category/161/economic_development">http://www.angus.gov.uk/directory_reco rd/4843/angus_economic_strategy_2013_-_2020/category/161/economic_development</a> <a href="http://www.taysidebiodiversity.co.uk/">http://www.taysidebiodiversity.co.uk/</a>	2013-2020 2002 - 2015	Economic development strategy Regional LBAP

**2f What are the body's top 5 priorities for climate change governance, management and strategy for the year ahead?**

Provide a brief summary of the body's areas and activities of focus for the year ahead.

- Work with other local authorities in the north east to develop a Sustainable Energy Climate Action Plan (SECAP). Review of policy landscape likely to align with this.
- Review governance, management and strategy utilising Climate Change Assessment Tool. Likely to include a review of Member Officer Group on Carbon to extend to cover climate change and sustainability.
- Implement the newly adopted Angus Local Development Plan
- Develop Open/Green Space Strategy contributing to future adaptation actions
- Publishing of Angus Shoreline Management Plan 2

**2g Has the body used the Climate Change Assessment Tool (a) or equivalent tool to self-assess its capability / performance?**

If yes, please provide details of the key findings and resultant action taken.

(a) This refers to the tool developed by Resource Efficient Scotland for self-assessing an organisation's capability / performance in relation to climate change.

A CCAT workshop is scheduled for later in 2016 as a benchmarking exercise.

**Further Information**

**2h Supporting information and best practice**

Provide any other relevant supporting information and any examples of best practice by the body in relation to governance, management and strategy.

- The principal of promoting sustainable transport supported by well-located and accessible development, incorporated in the TAVplan SDP, has been carried forward in the new Angus LDP Proposed Plan. This was further enhanced by the Active Travel Strategy which was produced during 2015/16 (not yet available, still draft).
  - 64% of schools in Angus have a Travel Plan in place or are currently undertaking travel plan activities.
  - Long term Adaptation projects are included strategies such as:
    - The 2nd Edition Tayside Biodiversity Action Plan will be published soon (covering the period 2016-26).
    - <http://www.taysidebiodiversity.co.uk/>
  - Sustainability and resource efficiency are central to Angus Council's transformation agenda with significant progress during 2015/16 on:
    - Sustainability: Improved Business Processes; Improved Customer Experience; Agile Working and Estates Review.
- [http://www.angus.gov.uk/directory\\_record/10566/transforming\\_angus\\_agile\\_working\\_and\\_estates\\_review\\_48015\\_101215](http://www.angus.gov.uk/directory_record/10566/transforming_angus_agile_working_and_estates_review_48015_101215)

**3 Emissions, Targets and Projects**

**Emissions**

**3a Emissions from start of the year which the body uses as a baseline (for its carbon footprint) to the end of the report year.**

Complete the following table using the greenhouse gas emissions total for the body calculated on the same basis as for its annual carbon footprint /management reporting or, where applicable, its sustainability reporting. Include greenhouse gas emissions from the body's estate and operations (a) (measured and reported in accordance with Scopes 1 & 2 and, to the extent applicable, selected Scope 3 of the Greenhouse Gas Protocol (b)). If data is not available for any year from the start of the year which is used as a baseline to the end of the report year, provide an explanation in the comments column.

(a) No information is required on the effect of the body on emissions which are not from its estate and operations.  
 (b) This refers to the document entitled "The greenhouse gas protocol. A corporate accounting and reporting standard (revised edition)", World Business Council for Sustainable Development, Geneva, Switzerland / World Resources Institute, Washington DC, USA (2004), ISBN: 1-56973-568-9.

Reference Year	Year	Scope 1	Scope 2	Scope 3	Total	Units	Comments
Baseline carbon footprint	2010/11	11170	13848	0	25018	tCO2e	2010/11 is the baseline year for the Carbon Management Plan. Full data is
Year 1 carbon footprint	2011/12	10490	13452	7485	31427	tCO2e	Full data is available for scopes 1 & 2 and has been verified through Carbon Trust
Year 2 carbon footprint	2012/13	11751	13727	11105	36583	tCO2e	Full data is available for scopes 1 & 2 and has been verified through Carbon Trust
Year 3 carbon footprint	2013/14	10766	13295	8870	32931	tCO2e	Full data is available for scopes 1 & 2 and has been verified through Carbon Trust
Year 4 carbon footprint	2014/15	10385	13674	7229	31288	tCO2e	Full data is available for scopes 1 & 2 and has been verified through Carbon Trust
Year 5 carbon footprint	2015/16	9870	12477	9102	31449	tCO2e	Quality and granularity of data continues to increase, noticeably in terms of waste.

**3b Breakdown of emission sources**

Complete the following table with the breakdown of emission sources from the body's most recent carbon footprint (greenhouse gas inventory); this should correspond to the last entry in the table in 3(a) above. Use the 'Comments' column to explain what is included within each category of emission source entered in the first column. If, for any such category of emission source, it is not possible to provide a simple emission factor(a) leave the field for the emission factor blank and provide the total emissions for that category of emission source in the 'Emissions' column.

**If providing consumption data for Water – Supply, please also include the Emission Source and consumption data for Water – Treatment.**

**If providing consumption data for Grid Electricity (generation), please also include the Emission Source and consumption data for Grid Electricity (transmission & distribution losses).**

(a) Emission factors are published annually by the UK Government Department for Environment, Food and Rural Affairs (Defra).

Emission Source	Scope	Consumption data	Units	Emission factor	Units	Emissions (tCO2e)	Comments
Grid Electricity (generation)	Scope 2	26994880	kWh	0.46219	kg CO2e/kWh	12476.8	Energy Annual Report 2015/16 (280/16 - Schedule 9:)
Grid Electricity (transmission & distribution losses)	Scope 3	26994880	kWh	0.03816	kg CO2e/kWh	1030.1	Energy Annual Report 2015/16 (280/16 - Schedule 9:)
Natural Gas	Scope 1	35284569	kWh	0.18445	kg CO2e/kWh	6508.2	Energy Annual Report 2015/16 (280/16 - Schedule 9:)
Gas Oil	Scope 1	639000	kWh	0.27101	kg CO2e/kWh	173.2	Energy Annual Report 2015/16 (280/16 - Schedule 9:)
LPG	Scope 1	56419	kWh	0.21468	kg CO2e/kWh	12.1	Energy Annual Report 2015/16 (280/16 - Schedule 9:)
Burning Oil (Kerosene)	Scope 1	817153	kWh	0.24657	kg CO2e/kWh	201.5	Energy Annual Report 2015/16 (280/16 - Schedule 9:)
Water - Supply	Scope 3	175375	m3	0.34400	kg CO2e/m3	60.3	Water Annual Report 2015/16 (294/16): http://www.angus.gov.uk/meetings/meet
Water - Treatment	Scope 3	166606	m3	0.70800	kg CO2e/m3	118.0	Water Annual Report 2015/16 (294/16): http://www.angus.gov.uk/meetings/meet
Batteries Recycling	Scope 3	3	tonnes	65.00000	kg CO2e/tonne	0.2	Waste Data Flow (unverified) Period 2015. Collected at recycling centres only.
Refuse Municipal to Landfill	Scope 3	12697	tonnes	459.00000	kg CO2e/tonne	5827.9	Waste Data Flow (unverified) Period 2015. Kerbside collected and recycling centre
Refuse Commercial & Industrial to Landfill	Scope 3	5994	tonnes	93.00000	kg CO2e/tonne	557.4	Waste Data Flow (unverified) Period 2015. Kerbside collected and recycling centre
Organic Food & Drink AD	Scope 3	4099	tonnes	21.00000	kg CO2e/tonne	86.1	Waste Data Flow (unverified) Period 2015. Increasing as household service fully
Organic Garden Waste Composting	Scope 3	12172	tonnes	6.00000	kg CO2e/tonne	73.0	Waste Data Flow (unverified).
Paper & Board (Mixed) Recycling	Scope 3	1177	tonnes	21.00000	kg CO2e/tonne	24.7	Waste Data Flow (unverified) Period 2015. Separately collected streams -
WEEE (Mixed) Recycling	Scope 3	1228	tonnes	21.00000	kg CO2e/tonne	25.8	Waste Data Flow (unverified).
Glass Recycling	Scope 3	456	tonnes	21.00000	kg CO2e/tonne	9.6	Waste Data Flow (unverified) Period 2015. Reduction due to mixed recycling.
Metal Cans (Mixed) & Metal Scrap Recycling	Scope 3	916	tonnes	21.00000	kg CO2e/tonne	19.2	Waste Data Flow (unverified) Period 2015. Reduction in cans 2015, but increase in
Refuse Municipal /Commercial /Industrial to Combustion	Scope 3		tonnes	21.00000	kg CO2e/tonne		

		11031				231.7	Waste Data Flow (unverified) Period 2015. Kerbside collected and recycling centre
Mixed recycling	Scope 3	10634	tonnes	21.00000	kg CO2e/tonne	223.3	Waste Data Flow (unverified) Period 2015. Service fully rolled out by 2015 hence
Average Car - Unknown Fuel	Scope 3	2715834	miles	0.29990	kg CO2e/mile	814.5	Internal Report provided by Finance Section, Angus Council on Business
Diesel (average biofuel blend)	Scope 1	1151414	litres	2.58390	kg CO2e/litre	2975.1	Internal Report provided by Tayside Contracts (Fleet Services) - HGV (Miles)
						31448.7	

**3c Generation, consumption and export of renewable energy**

Provide a summary of the body's annual renewable generation (if any), and whether it is used or exported by the body.

Technology	Total consumed by the organisation (kWh)	Total exported (kWh)	Total consumed by the organisation (kWh)	Total exported (kWh)	Comments
Solar PV	35843	35843			Information taken from recorded reads at individual sites for PV. Assumed as 50% consumption on site and 50% exported as per FIT agreements
Solar thermal			5483	0	Information taken from recorded reads at individual sites for Solar Thermal.
Biomass			2684110	0	Renewable Heat taken from Systemslink Billing Information
Other	123232	53145			Gas CHP @ Arbroath Sports Centre (certified system): Data for gas consumed, total electric generated and exported.

**Targets**

**3d Targets**

List all of the body's targets of relevance to its climate change duties. Where applicable, overall carbon targets and any separate land use, energy efficiency, waste, water, information and communication technology, transport, travel and heat targets should be included.

Name of Target	Type of Target	Target	Units	Boundary/scope of Target	Progress against target	Year used as baseline	Baseline figure	Units of baseline	Target completion year	Comments
Corporate energy consumption/reduction target	percentage	2	annual % reduction	Energy use in buildings	68%	2010/11	77801796	kWh	2020	http://www.angus.gov.uk/directory_record/9883/corporate_carbon_dioxide_and_energy_consumption
Corporate Carbon Dioxide reduction target	percentage	3	annual % reduction	All emissions	67%	2010/11	25132492	tCO2e	2020	http://www.angus.gov.uk/directory_record/9883/corporate_carbon_dioxide_and_energy_consumption
Corporate water consumption reduction target (introduced 2016)	percentage	5	annual % reduction	Water and sewerage	25%	2011/12	234084	M3	2020	Water Annual Report 2015/16 (294/16): http://www.angus.gov.uk/meetings/meeting/23

**Projects and changes**

**3e Estimated total annual carbon savings from all projects implemented by the body in the report year**

If no projects were implemented against an emissions source, enter "0".

If the body does not have any information for an emissions source, enter "Unknown" into the comments box.

If the body does not include the emissions source in its carbon footprint, enter "N/A" into the comments box.

Emissions Source	Total estimated annual carbon savings (tCO2e)	Comments
Electricity	52	Information provided from Master Project Spreadsheet - Energy Management Unit (does not include any Streetlighting)
Natural gas	18	Information provided from Master Project Spreadsheet - Energy Management Unit
Other heating fuels	0	No projects for oil, LPG or biomass within reporting year
Waste	0	

		Unknown
Water and sewerage	0	Water projects - small scale on a site by site basis as identified by staff. Carbon Trust Standard for Water achieved 2015/16
Business Travel	0	Unknown
Fleet transport	0	Unknown
Other (specify in comments)	0	Unknown
<b>Total</b>	<b>70</b>	

**3f Detail the top 10 carbon reduction projects to be carried out by the body in the report year**

Provide details of the 10 projects which are estimated to achieve the highest carbon savings during report year.

Project name	Funding source	First full year of CO2e savings	Are these savings figures estimated or actual?	Capital cost (£)	Operational cost (£/annum)	Project lifetime (years)	Primary fuel / emission source saved	Estimated carbon savings per year (tCO2e / annum)	Estimated costs savings (£/annum)	Behaviour change aspects including use of ISM	Comments
Street lighting	Street lighting budget	2015	Estimated				Grid Electricity	575			Reductions contained within corporate electricity & CO2 figures.
Lochside Primary School, Montrose Zoning of heating for Out of School	CEEF	2016/	Estimated	8925		20	Natural Gas	13	2275		Operational costs taken from Systemslink billing information for last full year prior to project
Dewar House, Arbroath Installation of TREND Controls to	CEEF	2016/	Estimated	6038		20	Grid Electricity	12	1992		Operational costs taken from Systemslink billing information for last full year prior to project
Montrose Road Centre, Forfar Upgrade lighting to LED and install	CEEF	2016/	Estimated	8400		20	Grid Electricity	8	1635		Operational costs taken from Systemslink billing information for last full year prior to project
Ferryden Primary School, Montrose Rationalisation of DHW and	CWEP	2016/	Estimated	4200		20	Grid Electricity	7	1226		Operational costs taken from Systemslink billing information for last full year prior to project
Carnoustie High School, Carnoustie Replacement LED light and controls -	Split between CEEF and Spend to Save Fund	2016/	Estimated	13598		20	Grid Electricity	10	1300		Operational costs taken from Systemslink billing information for last full year prior to project
Lilybank Resource Centre, Forfar Upgrade to LED lighting and controls	CEEF	2016/	Estimated	10500		20	Grid Electricity	6	1831		Operational costs taken from Systemslink billing information for last full year prior to project
Websters Sports Centre, Kirriemuir Upgrade to LED lighting and controls	CEEF and Carbon Reduction Fund	2016/	Estimated	32000		20	Grid Electricity	6	1245		Operational costs taken from Systemslink billing information for last full year prior to project
Ravenswood Office, Forfar Rationalisation of External lighting	CEEF	2016/	Estimated	5250		20	Grid Electricity	5	1111		Operational costs taken from Systemslink billing information for last full year prior to project
Inverlay House, Montfleth Replacement TRV's to all radiators	CEEF	2016/	Estimated	2472		20	Natural Gas	5	641		Operational costs taken from Systemslink billing information for last full year prior to project

**3g Estimated decrease or increase in the body's emissions attributed to factors (not reported elsewhere in this form) in the report year**

If the emissions increased or decreased due to any such factor in the report year, provide an estimate of the amount and direction.

Emissions source	Total estimated annual emissions (tCO2e)	Increase or decrease in emissions	Comments
Estate changes			Majority of changes will already have been accounted for in previous sections.
Service provision			Majority of changes will already have been accounted for in previous sections.

Staff numbers	▼		Majority of changes will already have been accounted for in previous sections.
Other (specify in comments)	▼		
<b>Total</b>		0	

**3h Anticipated annual carbon savings from all projects implemented by the body in the year ahead**

If no projects are expected to be implemented against an emissions source, enter "0".  
 If the body does not have any information for an emissions source, enter "Unknown" into the comments box.  
 If the body does not include the emissions source in its carbon footprint, enter "N/A" into the comments box.

Emissions Source	Total estimated annual carbon savings (tCO2e)	Comments
Electricity	▼	Unknown Projects identified but no costs or carbon savings available
Natural gas	▼	Unknown Projects identified but no costs or carbon savings available
Other heating fuels	▼	Unknown No projects identified to date
Waste	▼	Unknown No projects identified to date
Water and sewerage	▼	Unknown First year of inclusion in scope
Business Travel	▼	Unknown No projects identified to date
Fleet transport	▼	Unknown No projects identified to date
Other (specify in comments)	▼	Unknown No projects identified to date
<b>Total</b>		0

**3i Estimated decrease or increase in the body's emissions attributed to factors (not reported elsewhere in this form) in the year ahead**

If the emissions are likely to increase or decrease due to any such factor in the year ahead, provide an estimate of the amount and direction.

Emissions source	Total estimated annual emissions (tCO2e)	Increase or decrease in emissions	Comments
Estate changes	▼	▼	Majority of changes will already have been accounted for in previous sections.
Service provision	▼	▼	Majority of changes will already have been accounted for in previous sections.
Staff numbers	▼	▼	Majority of changes will already have been accounted for in previous sections.
Other (specify in comments)	▼	▼	
<b>Total</b>		0	

**3j Total carbon reduction project savings since the start of the year which the body uses as a baseline for its carbon footprint**

If the body has data available, estimate the total emissions savings made from projects since the start of that year ("the baseline year").

Total savings	Total estimated emissions savings (tCO2e)	Comments
Total project savings since the baseline year	86	Data collated from 2015/16 starting point only (Does not include street lighting data)

Further information



### 3k Supporting Information and best practice

Provide any other relevant supporting information and any examples of best practice by the body in relation to its emissions, targets and projects.

- Angus Council has held the Carbon Trust Standard for Carbon continuously since 2009
  - Angus Council became the first UK local authority to achieve the Carbon Trust Standard for Water. The award recognises their commitment and achievements in the sound management and reduction of water use.
  - Angus Council Waste officers undertook a programme of visits to each council building during 2015/16 to engage with staff and maximise awareness of what should be recycled through improved communications and ensuring appropriate receptacles are conveniently sited. This resulted in the introduction of an increase in recycling at 30 sites and a decrease in the volume of general waste generated at 21 sites.
  - \* Street lighting - data relating to this is incorporated within the corporate electricity data, however, it is worth noting the following:  
In 2011 an informal 10 year programme was agreed by the Street Lighting Team to help Angus Council meet its carbon emission reduction target of 25% by 2020 and also reduce its energy usage over the same period. Since 2010/11, energy use through street lighting has decreased by 27% and associated CO2 emissions have decreased by 32%. 2015/16 energy use & carbon emissions, compared with the previous 12 month period, decreased by 800,309 kWh and 575 CO2 tonnes respectively.
- The reduction has been achieved by carrying out conversions on our existing lighting stock. This has included the conversion to electronic control gear, LED Conversions and also trimming the burning hours of each lamp.

## 4 Adaptation

### Assessing and managing risk

#### 4a Has the body assessed current and future climate-related risks?

If yes, provide a reference or link to any such risk assessment(s).

Yes, assessments have been carried and reported through the following documents:

- Angus Council Emergency Plan  
[http://www.angus.gov.uk/directory\\_record/4897/angus\\_council\\_emergency\\_plan](http://www.angus.gov.uk/directory_record/4897/angus_council_emergency_plan)
- Angus Local Climate Impacts Profile (LCIIP) 1st edition  
[http://www.angus.gov.uk/directory\\_record/5449/angus\\_local\\_climate\\_impacts\\_profile\\_clip\\_1st\\_edition](http://www.angus.gov.uk/directory_record/5449/angus_local_climate_impacts_profile_clip_1st_edition)
- Angus Local Climate Impacts Profile (LCIIP) 2nd edition  
[http://www.angus.gov.uk/directory\\_record/5450/angus\\_local\\_climate\\_impacts\\_profile\\_clip\\_2nd\\_edition](http://www.angus.gov.uk/directory_record/5450/angus_local_climate_impacts_profile_clip_2nd_edition)
- North of Scotland, Resilience Partnership Community Risk Register  
[http://www.firescotland.gov.uk/media/864538/north\\_crr\\_version\\_1.2.pdf](http://www.firescotland.gov.uk/media/864538/north_crr_version_1.2.pdf)
- 2015/16 period saw development work on the Flood Risk Management Plan (approved June 2016)  
[http://www.angus.gov.uk/downloads/file/2396/tay\\_estuary\\_and\\_montrorse\\_basin\\_local\\_flood\\_risk\\_management\\_plan](http://www.angus.gov.uk/downloads/file/2396/tay_estuary_and_montrorse_basin_local_flood_risk_management_plan)

#### 4b What arrangements does the body have in place to manage climate-related risks?

Provide details of any climate change adaptation strategies, action plans and risk management procedures, and any climate change adaptation policies which apply across the body.

- Angus Council as Lead Local Authority for the Tay Estuary and Montrorse Basin Local Plan District contributed to the Flood Risk Management Plans (now called 'Strategies') for Tay Estuary and Montrorse Basin Local Plan District and Tay Local Plan District.
- Angus Council have commenced the implementation of measures (now called 'actions') in Local Flood Risk Management Plans.
- Angus Council as lead local authority for the Tay Estuary and Montrorse Basin Local Plan District developed the TEAM B Flood Risk Management Plan during the period 2015/16. Subsequently approved June 2016.  
[http://apps.sepa.org.uk/RMStrategies/pdf/lpd/lpd\\_07\\_FRMIS.pdf](http://apps.sepa.org.uk/RMStrategies/pdf/lpd/lpd_07_FRMIS.pdf)
- Tayside Local Asset Resilience Register has been produced - a list of community/ voluntary groups that can be called to action in the event of severe weather events.
- Pulled together a Resilient Business & Communities working group.
- Exploring model for a one stop shop for flooding for communities with a view to running community resilience events in spring 2017
- Exploring capacity building e.g. first aid training, ties in with other community health empowerment initiatives such as issuing of defibrillators.
- Number of community groups are active, especially those at risk of getting cut off in severe weather conditions.
- Work underway to work with schools to build resilience - number of pilot schools involved.

**Taking action**

**4c What action has the body taken to adapt to climate change?**

Include details of work to increase awareness of the need to adapt to climate change and build the capacity of staff and stakeholders to assess risk and implement action.

Angus Council through the Cairngorm National Park Authority - joint catchments project continue to investigate landscape scale approaches to natural flood management, riparian tree planting schemes and peatland restoration, all of which are excellent land use management approaches to mitigate against the effects of climate change and provide innovative adaptation examples.

Treatment of Invasive Non-Native Species (INNS) during 2015/16, particularly along river corridors has helped to reduce soil erosion in high spate events, thereby increasing the stability of the river bank during severe weather events.  
<http://therversoutheek.org/projects/hogweed-and-knotweed-control/>

Brechin Flood Prevention Scheme has continued to progress over 2015/16 - 1.5km of flood embankments and walls up to 1.8m high have been installed along the north bank of the River South Esk.  
<http://therversoutheek.org/projects/brechin-flood-prevention-scheme/>

Arbroath (Brothock Water) Flood Protection Scheme - preparation work carried out during the period 2015/16  
[http://www.angus.gov.uk/info/20397/flooding/7277/arbroath\\_brothock\\_water\\_flood\\_protection\\_scheme](http://www.angus.gov.uk/info/20397/flooding/7277/arbroath_brothock_water_flood_protection_scheme)

The River South Esk catchment has seen many watercourses areas restored and reconnected to their natural flood plain over 2015/16. Three areas of restoration in the catchment fall under this scheme and one has been entered into the Civil Engineering Saltire Awards.

Natural Flood Management at the Quharly Burn in lowland Angus successfully applied for funding of £36k from Angus Environment Trust (AET) to undertake water margin protection along the Quharly Burn and in Autumn 2015, completed the following:

- 6km of banks protected by buffer strip fences to mitigate diffuse pollution from agricultural operations and livestock.
- 3000 trees planted in protective shelters to enhance the riparian zone.

Glen Clova Contour Planting Project,  
 A large scale forestry project aimed at reducing peak flows in the upper South Esk catchment saw contour tree planting take place in two areas.

**4d Where applicable, what progress has the body made in delivering the policies and proposals referenced N1, N2, N3, B1, B2, B3, S1, S2 and S3 in the Scottish Climate Change Adaptation Programme(a) ("the Programme")?**

If the body is listed in the Programme as a body responsible for the delivery of one or more policies and proposals under the objectives N1, N2, N3, B1, B2, B3, S1, S2 and S3, provide details of the progress made by the body in delivering each policy or proposal in the report year.

(a) This refers to the programme for adaptation to climate change laid before the Scottish Parliament under section 53(2) of the Climate Change (Scotland) Act 2009 (asp 12) which currently has effect. The most recent one is entitled "Climate Ready Scotland: Scottish Climate Change Adaptation Programme" dated May 2014.

Objective	Objective reference	Theme	Policy / Proposal reference	Delivery progress made	Comments
Understand the effects of climate change and their impacts on the natural environment.	N1	Natural Environment	▼	Effects of climate change are considered in a constantly growing list of Angus Council policy documents. 2015/16 saw development of LBAP actions taking into account effects of climate change on a variety of species and habitats.	<a href="http://www.angus.gov.uk/directory_record/10444/climate_change_strategy_annual_report_45115_171115">http://www.angus.gov.uk/directory_record/10444/climate_change_strategy_annual_report_45115_171115</a>
Support a healthy and diverse natural environment with capacity to adapt.	N2	Natural Environment	▼	Climate change embed in LBAP and is being further considered in new LBAP which is under production, flood management and coastal management policy development. All 3 documents under way in 2015/16. South Esk Catchment Partnership - approximately 6 natural flood management schemes	<a href="http://www.angus.gov.uk/directory_record/10444/climate_change_strategy_annual_report_45115_171115">http://www.angus.gov.uk/directory_record/10444/climate_change_strategy_annual_report_45115_171115</a>
Sustain and enhance the benefits, goods and services that the natural environment provides.	N3	Natural Environment	▼	Embedded in Climate Change Strategy & Action Plan, LBAP, newly developed Local Development Plan and Open Space Strategy. Achieved through documents such as the new LBAP & South River Esk work which focuses on ecosystem scale projects, supporting healthy functioning ecosystems & ecosystem services.	
Understand the effects of climate change and their impacts on buildings and infrastructure networks.	B1	Buildings and infrastructure networks	▼	Embedded in Climate Change Strategy & Action Plan, LBAP, newly developed Local Development Plan and Open Space Strategy. Gradual increase in highlighting impacts and costs of climate change in committee reports.	
Provide the knowledge, skills and tools to manage climate change impacts on buildings and infrastructure.	B2	Buildings and infrastructure networks	▼	Embedded in Climate Change Strategy & Action Plan, LBAP, newly developed Local Development Plan and Open Space Strategy.	
Increase the resilience of buildings and infrastructure networks to sustain and enhance the benefits and services	B3	Buildings and infrastructure networks	▼		

				Embedded in Climate Change Strategy & Action Plan, LBAP, newly developed Local Development Plan and Open Space Strategy.	See agenda item 14 - Climate Change Strategy Annual Report 2014/15 (p33 onwards)
Understand the effects of climate change and their impacts on people, homes and communities.	S1	Society	▼	Embedded in Climate Change Strategy & Action Plan, LBAP, newly developed Local Development Plan and Open Space Strategy, supported development of local resilience planning. Have established a Resilient Business & Communities working group.	<a href="http://www.angus.gov.uk/meetings/meeti ng/155/communities P33">http://www.angus.gov.uk/meetings/meeti ng/155/communities P33</a>
Increase the awareness of the impacts of climate change to enable people to adapt to future extreme weather events.	S2	Society	▼	Results of both LCLIPs were widely promoted and published to raise corporate and public awareness. Have established a Resilient Business & Communities working group. Working with high schools to raise awareness of resilience.	
Support our health services and emergency responders to enable them to respond effectively to the increased pressures associated with a changing climate.	S3	Society	▼	Exploring capacity building e.g. first aid training, ties in with other community health empowerment initiatives such as issuing of defibrillators.	

**Review, monitoring and evaluation**

**4e What arrangements does the body have in place to review current and future climate risks?**

Provide details of arrangements to review current and future climate risks, for example, what timescales are in place to review the climate change risk assessments referred to in Question 4(a) and adaptation strategies, action plans, procedures and policies in Question 4 (b).

The Angus Council Climate Change Strategy 2012-16 will be reviewed and most probably formatted in a way that will tie in with this reporting style. Many of the other plans and strategies have a range of lengths for projects. Progress is monitored through regular steering group meetings for most a and priorities are adapted on a short term basis if need be to fit into long term objectives.

**4f What arrangements does the body have in place to monitor and evaluate the impact of the adaptation actions?**

Please provide details of monitoring and evaluation criteria and adaptation indicators used to assess the effectiveness of actions detailed under Question 4(c) and Question 4(d).

As above - partnership work is key to most of the authorities See report - Climate Change Strategy Annual Report 2015-16 for more details.

[http://www.angus.gov.uk/directory\\_record/10444/climate\\_change\\_strategy\\_annual\\_report\\_45115\\_171115](http://www.angus.gov.uk/directory_record/10444/climate_change_strategy_annual_report_45115_171115)

River South Esk Partnership Steering Group meets 3 times p.a. and reviews the impacts of projects including those with an adaptation element.

**Future priorities for adaptation**

**4g What are the body's top 5 priorities for the year ahead in relation to climate change adaptation?**

*Provide a summary of the areas and activities of focus for the year ahead.*

1. Review current governance & management arrangements to include adaptation and sustainability.
2. Progress the implementation of the Angus Local Development Plan
3. Open/Green Space Strategy contributing to future adaptation actions
4. Publishing of Angus Shoreline Management Plan 2
5. Publish the Tayside Local Biodiversity Action Plan 2016-26 & the review River S. Esk Catchment Management Plan

**Further information**

**4h Supporting information and best practice**

Provide any other relevant supporting information and any examples of best practice by the body in relation to adaptation.

Full details of adaptation actions in Climate Change Strategy & Action Plan annual report. Latest version 2014/15.

[http://www.angus.gov.uk/directory\\_record/10444/climate\\_change\\_strategy\\_annual\\_report\\_45115\\_171115](http://www.angus.gov.uk/directory_record/10444/climate_change_strategy_annual_report_45115_171115)

**5 Procurement**

**5a How have procurement policies contributed to compliance with climate change duties?**

Provide information relating to how the procurement policies of the body have contributed to its compliance with climate changes duties.

Angus Council at its meeting on 22 March 2012 approved sustainable procurement policy which applies to all Council procurement. Work has been completed to carry out a 'Prioritisation Exercise' using the tools developed by Sustainable Procurement Limited.

A report was submitted to the Procurement Sounding Board at its meeting on 8 December 2015 which proposed a series of next steps to devise an Angus Sustainable Procurement Plan and self-assessment against the 'Flexible Framework'. The revised overall target for preparation of the action plan was December 2016 and self-assessment against the 'Flexible Framework' in December 2017. Procurement Plan. The revised overall target for preparation of the action plan was December 2015.

**5b How has procurement activity contributed to compliance with climate change duties?**

Provide information relating to how procurement activity by the body has contributed to its compliance with climate change duties.

Work underway to produce Angus Sustainable Procurement Plan

**Further information**

**5c Supporting information and best practice**

Provide any other relevant supporting information and any examples of best practice by the body in relation to procurement.

As part of the commitment made in achieving "WWF Silver Timber Pledge Award - all (100%) paper used by Print & Design Unit for the production of leaflets, posters etc. is 75% recycled content.

**6 Validation and Declaration**

**6a Internal validation process**

Briefly describe the body's internal validation process, if any, of the data or information contained within this report.

This report has been validated by a member of the Angus Council Internal Audit Team and will be presented to the Council's Policy & Resources Committee for approval.

**6b Peer validation process**

Briefly describe the body's peer validation process, if any, of the data or information contained within this report.

This report was circulated to the Carbon Member Officer Group and Climate Change Strategy Working Group. It was subsequently circulated across all Council Services as part of the committee report consultation process.

**6c External validation process**

Briefly describe the body's external validation process, if any, of the data or information contained within this report.

Waste data verification is carried out by SEPA, however the verification process for data in 2015/16 is not complete at time of publication of this report.  
Carbon emissions data relating to buildings and to water is externally verified through the Carbon Trust Standard process.

**6d No Validation Process**

If any information provided in this report has not been validated, identify the information in question and explain why it has not been validated.

N/A. See above.

**6e Declaration**

I confirm that the information in this report is accurate and provides a fair representation of the body's performance in relation to climate change.

Name:

Role in the body:

Date:

**Recommended Reporting: Reporting on Wider Influence**

**Wider Impact and Influence on GHG Emissions**

**1 Historic Emissions (Local Authorities Only)**

Please indicate emission amounts and unit of measurement (e.g. tCO2e) and years. Please provide information on the following components using data from the links provided below. Please use (1) as the default unless targets and actions relate to (2).

(1) UK local and regional CO2 emissions: **subset dataset** (emissions within the scope of influence of local authorities):

(2) UK local and regional CO2 emissions: **full dataset**:

Select the default target dataset

Subset

Table 1a

Source	Dataset - Subset														Units	Comments
	Sector		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014				
DECC Sectors	Total Emissions	<input type="checkbox"/>	944.11	955.40	945.07	931.85	860.24	890.01	819.58	857.11	826.19	748.65	kCO2	<input type="checkbox"/>		
	Industry and Commercial	<input type="checkbox"/>	358.53	351.73	350.59	342.61	310.87	317.00	296.84	315.80	299.33	260.73	kCO2	<input type="checkbox"/>		
	Domestic	<input type="checkbox"/>	337.27	342.61	333.19	335.39	302.10	323.64	280.04	299.98	287.01	243.93	kCO2	<input type="checkbox"/>		
	Transport total	<input type="checkbox"/>	248.31	261.07	261.29	253.85	247.28	249.37	242.70	241.33	239.84	243.99	kCO2	<input type="checkbox"/>		
	Per Capita	<input type="checkbox"/>	8.48	8.49	8.32	8.14	7.49	7.71	7.05	7.37	7.10	6.41	ICO2	<input type="checkbox"/>		
Other Sectors	Waste	<input type="checkbox"/>											ICO2e	<input type="checkbox"/>		
	LULUCF Net Emissions	<input type="checkbox"/>											kCO2	<input type="checkbox"/>		
	Other (specify in 'Comments')	<input type="checkbox"/>												<input type="checkbox"/>		

Table 1b

Source	Dataset - Full												Units	Comments
	Sector	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014			
DECC Sectors	Total Emissions	<input type="checkbox"/>	955.63	967.94	960.99	944.98	876.24	903.94	834.36	871.63	846.03	766.06	kCO2	<input type="checkbox"/>
	Industry and Commercial	<input type="checkbox"/>	367.04	361.30	363.08	352.30	323.40	327.48	308.19	326.87	315.69	274.58	kCO2	<input type="checkbox"/>

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Units	Comments
Domestic	337.27	342.61	333.19	335.39	302.10	323.64	280.04	299.98	287.01	243.93	kCO2	
Transport total	251.31	264.03	264.71	257.29	250.73	252.82	246.12	244.78	243.33	247.55	kCO2	
Per Capita	9.10	9.02	8.81	8.54	7.89	8.02	7.27	7.57	7.29	6.51	CO2	
Waste											CO2e	
LULUCF Net Emissions	57.66	46.70	39.53	33.24	29.66	21.11	10.68	7.73	1.61	-5.53	kCO2	
Other Sectors												
Other (specify in Comments)												

Table 1c

Source	Other Dataset	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Units	Comments
DECC Sectors	Total Emissions												
	Industry and Commercial												
	Domestic												
	Transport total												
	Per Capita												
	Waste												
Other Sectors	LULUCF Net Emissions												
	Other (specify in Comments)												

2a Targets

Please detail your wider influence targets

Table 2

RPP Sector	Action Type	Description	Type of Target (units)	Baseline value	Start Year	Target Saving	Target / End Year	Saving in latest year measured	Latest Year Measured	Comments

2b Does the organisation have an overall mission statement, strategies, plans or policies outlining ambition to influence emissions beyond your corporate boundaries? If so, please detail this in the box below.

Under development - Angus Council is currently working with Moray, Aberdeenshire and Aberdeen City local authorities to develop a Strategic Energy Action Plan to cover the North East of Scotland.

3 Policies and Actions to Reduce Emissions

Table 3:

RPP Sector Action Type

**Description**

None at this stage.

Start year for policy/action implementation  Year that the policy/action will be fully implemented  Annual CO2 saving once fully implemented (tCO2)  Latest Year measured  Saving in latest year measured (tCO2)  Status

Metric / indicators for monitoring progress

Delivery Role  During project/policy design and implementation, has ISM or an equivalent behaviour change tool been used?

Please give further details of this behaviour change activity

Value of Investment (£)  Ongoing Costs (£/Year)

Primary Funding Source for Implementation of Policy/Action

Accountable body

Comments

Please provide any detail on data sources or limitations relating to the information provided in Table 3

4 Partnership Working, Communications and Capacity Building  
Please detail your Climate Change Partnership, Communication or Capacity Building Initiatives below.



Table 4

Key Action Title	Action Type	Organisation's Project role	Lead Organisation (if not reporting organisation)	Private Partners	Public Partners	3rd Sector Partners	Outputs	Value to Organisation	Total Investment into Partnership	Comments

**Other Notable Reportable Activity**

5 Please detail key actions relating to Food and Drink, Biodiversity, Water, Procurement and Resource Use in the table below

Table 5

Key Action Title	Key Action Description	Organisation's Project Role	Impacts	Comments

6 Please use the text box below to detail further climate change related activity that is not noted elsewhere within this reporting template

**LOCAL ENERGY GENERATION**

Work was under way in 2015/16 to secure support and funding for Montrose Local Energy Project which is aimed at producing a new biomass energy source using an agricultural waste product – used bedding straw. The project is led by a local farmer, support by Angus Council Economic Development and has secured £200K from the Scottish Government's Local Energy Challenge Fund.

**TRANSPORT & TRAVEL**

- 2015/16 - Angus on the Go – promoting healthier and cheaper ways of travelling sustainably. Joint working area wide through partnership including Angus Council, NHS Tayside, Tactran and Voluntary Action Angus. Running series of initiatives including real time information at bus stops, cycle lockers, launch event, active travel training sessions for pupils moving to high school and trial installation of bike carriers on Stage Coach services.
- Angus Cycling Festival, organised by Angus Cycle Hub, is in its 3rd year and attracted 1,000 visitors (40% from outwith Angus) in 2015
- 'Angus on the Go' branding promoting healthy and sustainable travel options was rolled out across Angus with various public events promoting the use of public transport, liftshare, cycling and walking. As part of Smarter Choices, Smarter Places funding educational programmes were undertaken in schools to promote active travel and to highlight the effects of climate change. Angus Council has been successful with a further £107,000 grant from Smarter Choices, Smarter Places for 2016/17 and this will be used to build on the 'Angus on the Go' work undertaken to date, developing the brand and continuing the work undertaken. A new 'Angus on the Go' website and an app for rural cycling will be developed, modal shift will be further encouraged through the provision of transport interchange hubs at strategic locations.
- Stagecoach Strathguy introduced a fleet of 18 new diesel electric hybrid double-deck vehicles on the Tayway (Arbroath to Dundee) corridor in May 2015 part funded by Transport Scotland's Green Bus Fund. These provide a greener alternative than the conventional bus. A further bid for new hybrid buses to operate on another Angus Strategic Corridor is being progressed for 2016/17.

**FUEL POVERTY MEASURES**

- Fuel poverty - HEEPS: ABS – a grant of £1,238,054.00 was allocated for the Angus Council area for the period 2015/16 to help deliver fuel poverty programmes in areas with high levels of fuel poverty. Of this, £630,000 was allocated to Angus Housing Association (and fully utilised), targeting energy inefficient housing stock in and around their own stock in the Pitreuchie area of Forfar. Around 120 homes in Pitreuchie benefited from external wall insulation with estimated life time (25 year) carbon savings in the region of 4600 tonnes. The remainder was used by the Angus Council on the Warm Angus area based scheme for the private sector.
- Angus HEAT (Home Energy Advice Team) works closely with SCARF (Save Cash And Reduce Fuel) to provide an energy saving advice centre function. It offers all households in Angus free advice and assistance via telephone and e-mail, but crucially, mainly through face-to-face advice. The project highlighted the link between fuel poverty and energy use to householders, and promoted the benefits of adopting energy-efficient behaviour.

Services provided by SCARF to Angus Council Households

Total enquiries received	327	Home Visits	206
Phone Calls	705	Written communication	86
Advice	1775	Referrals	114

**LANDFILL TAX FUNDED COMMUNITY PROJECTS**

- During 2015/16 Angus Environment Trust supported 11 (largely environmental) projects using landfill tax related fund related grants totalling £75,892.76. A further £14,097.60 was allocated to projects which includes creation of a wild flower meadow, an outdoor learning garden and a project increasing wildlife presence within care homes and sheltered housing complexes