

## RECOMMENDED – WIDER INFLUENCE

- **1a Historic Emissions**

Table is already pre-populated with datasets provided already by SSN – the table below shows additional information provided by the Council, informed by SEPA waste datasets for the local authority area.

Sector	2012	2013	2014	2015	Units	Comments
Waste	17676.15	17114.75	17109.82	26693.15	tCO <sub>2</sub> e	<p>Domestic waste to landfill:            2012 = 60,988 tonnes            2013 = 59,051 tonnes            2014 = 59,034 tonnes            2015 = 58,155 tonnes</p> <p>Data from: <a href="http://www.environment.scotland.gov.uk/get-interactive/data/household-waste/">http://www.environment.scotland.gov.uk/get-interactive/data/household-waste/</a></p> <p>Defra/DECC Emissions factors used for 2012, 2013, 2014. 2015 sees a change in the factor used.</p> <p>Municipal waste to landfill equates to 283.83 KgCO<sub>2</sub>e/tonne</p> <p>Emission factors from:  <a href="https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting">https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting</a></p>
Waste	88.55	87.81	95.45	94.85	tCO <sub>2</sub> e	<p>Domestic waste organics recycled:            2012 = 14,591 tonnes            2013 = 14,469 tonnes            2014 = 15,909 tonnes            2015 = 15,809 tonnes</p> <p>Data from: <a href="http://www.environment.scotland.gov.uk/get-interactive/data/household-waste/">http://www.environment.scotland.gov.uk/get-interactive/data/household-waste/</a></p> <p>Defra/DECC Emissions factors used for 2012, 2013, 2014 and 2015. No change in emissions factor.</p> <p>Organic: mixed food and garden waste to composting = 6 KgCO<sub>2</sub>e/tonne</p> <p>Emission factors from:  <a href="https://www.gov.uk/government/collections/government-conversion-factors-forcompany-reporting">https://www.gov.uk/government/collections/government-conversion-factors-forcompany-reporting</a></p>

Sector	2012	2013	2014	2015	Units	Comments
Waste	454.67	430.23	437.49	438.06	tCO <sub>2</sub> e	<p>Domestic waste recycled:  2012 = 21,651 tonnes  2013 = 20,487 tonnes  2014 = 20,833 tonnes  2015 = 20,860 tonnes</p> <p>Data from: <a href="http://www.environment.scotland.gov.uk/get-interactive/data/household-waste/">http://www.environment.scotland.gov.uk/get-interactive/data/household-waste/</a>  Defra/DECC Emissions factors used for 2012, 2013, 2014 and 2015. No change in emissions factor.</p> <p>Domestic waste recycled = 21 KgCO<sub>2</sub>e/tonne</p> <p>Emission factors from:  <a href="https://www.gov.uk/government/collections/government-conversion-factors-forcompany-reporting">https://www.gov.uk/government/collections/government-conversion-factors-forcompany-reporting</a></p>
Waste	0.25	0.50	0.29	3.53	tCO <sub>2</sub> e	<p>Domestic waste recovered by co-incineration:  2012 = 12 tonnes  2013 = 24 tonnes  2014 = 14 tonnes  2015 = 168 tonnes</p> <p>Data from: <a href="http://www.environment.scotland.gov.uk/get-interactive/data/household-waste/">http://www.environment.scotland.gov.uk/get-interactive/data/household-waste/</a></p> <p>Defra/DECC Emissions factors used for  2012, 2013, 2014 and 2015. No change in emissions factor.</p> <p>Domestic waste recovered by co-incineration = 21 KgCO<sub>2</sub>e/tonne</p> <p>Emission factors from:  <a href="https://www.gov.uk/government/collections/government-conversion-factors-forcompany-reporting">https://www.gov.uk/government/collections/government-conversion-factors-forcompany-reporting</a></p> <p>Please note incorrect figures have been reported previously.</p>

Sector	2012	2013	2014	2015	Units	Comments
Waste	1.79	7.14	5.02		tCO <sub>2</sub> e	<p>Domestic waste disposed of by incineration:  2012 = 0 tonnes  2013 = 85 tonnes  2014 = 340 tonnes  2015 = 239 tonnes</p> <p>Data from:  <a href="http://www.environment.scotland.gov.uk/get-interactive/data/household-waste/">http://www.environment.scotland.gov.uk/get-interactive/data/household-waste/</a></p> <p>Defra/DECC Emissions factors used for 2012, 2013, 2014 and 2015. No change in emissions factor.</p> <p>Domestic waste disposed of by incineration = 21 KgCO<sub>2</sub>e/tonne</p> <p>Emission factors from:  <a href="https://www.gov.uk/government/collections/government-conversion-factors-forcompany-reporting">https://www.gov.uk/government/collections/government-conversion-factors-forcompany-reporting</a></p>
Waste			0		tCO <sub>2</sub> e	<p>Prepared for reuse:  No previous data  2015 = 10 tonnes</p> <p>Data from:  <a href="http://www.environment.scotland.gov.uk/get-interactive/data/household-waste/">http://www.environment.scotland.gov.uk/get-interactive/data/household-waste/</a></p> <p>Defra/DECC Emissions factors used for 2012, 2013, 2014 and 2015. No change in emissions factor.</p> <p>Prepared for reuse = 0 KgCO<sub>2</sub>e/tonne – as being reused.</p> <p>Emission factors from:  <a href="https://www.gov.uk/government/collections/government-conversion-factors-forcompany-reporting">https://www.gov.uk/government/collections/government-conversion-factors-forcompany-reporting</a></p>

• 2a. Detail wider influence targets

Sector	Description	Type of targets (units)	Baseline value	Start year	Target saving	Target / End year	Saving in latest year measured	Latest year measured	Comments
Overall reduction target	Powering Aberdeen - Sustainable Energy Action Plan - Signatory of the Covenant of Mayors.	Percentage emissions	1832494	2005	50	2030			Interim target
Overall reduction target	Masterplanning through the Aberdeen City and Shire Strategic Development Plan.	Other				2020			All new buildings to be carbon neutral by 2020. Also, for the equivalent of the city's energy needs to be met by renewable energy.
Waste	Within Aberdeen's Waste Strategy there are targets: <ul style="list-style-type: none"> <li>- 60% of households waste to be recycled by 2020.</li> <li>- 56% of household waste to be recycled through source separation by 2025.</li> <li>- No more than 5% of household waste should be landfilled by 2025.</li> <li>- Organic waste introduced to households by 2016</li> </ul>	Other	36242 tonnes for household waste (37.27%) 117000 households for organic waste. 60988 tonnes for landfill waste.	2012		2016/2020/2025	37499 – 39% an increase of 1257 tonnes for household waste. 58021 tonnes landfilled in 2016 – a reduction of 4.8% since 2012.	2016 for household waste, organic and landfilled waste.	% of waste recycled, normally equates to a tonnage as opposed to an emissions figure. Target is for level of provision of service, any tonnage collected via this project is included in the figure for household recycling. From mid-2017, residual waste is now being treated in a Refuse Derived Fuel facility and being sent for thermal treatment in Europe. Landfill for 2017/18 will therefore be reduced by approx. 75%.
Transport	In the Local Transport Strategy there are targets to reduce road vehicles and promote alternative transport options.	Other				2021			More information available at <a href="http://www.aberdeencity.gov.uk/nmsruntime/saveasdialog">http://www.aberdeencity.gov.uk/nmsruntime/saveasdialog</a> .
Overall reduction target	Various								See response to required reporting sections 2c-2e and also reference Powering Aberdeen's literature review which is available at: <a href="http://www.aberdeencity.gov.uk/nmsruntime/saveasdialog.asp?IID=70268&amp;SID=25580">http://www.aberdeencity.gov.uk/nmsruntime/saveasdialog.asp?IID=70268&amp;SID=25580</a>
Other	The target is to connect all 59 tower blocks to the district heating network or to stand alone CHP where this is cost prohibitive.	Other		2002		2020			To connect all Tower Blocks to district heating provided by a Combined Heat and Power plant. When Aberdeen Heat and Power was established in 2002 the aim was to connect all tower blocks within the city to the district heating network or to provide them with stand-alone CHP where the cost for this is prohibitive. There has been an annual programme of development to deliver this objective since 2002 but this is not set out in a formal plan or strategy. See <a href="http://www.aberdeenheatandpower.co.uk">www.aberdeenheatandpower.co.uk</a>

- **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.**

Powering Aberdeen, Aberdeen's Sustainable Energy Action Plan (SEAP) was approved by Full Council in May 2016. In 2015/2016 a SEAP Programme Manager was recruited to progress with the implementation/development of the plan.

Information on Powering Aberdeen, Aberdeen's SEAP is available:

[http://www.aberdeencity.gov.uk/council\\_government/shaping\\_aberdeen/SustainableEnergyActionPlan.asp](http://www.aberdeencity.gov.uk/council_government/shaping_aberdeen/SustainableEnergyActionPlan.asp)

A new project is working to support Aberdeen to become a city resilient to the impacts of current and future climate change. The Aberdeen Adapts initiative was developed by the Council and the University of Aberdeen. It has been selected, following a competitive application process, to receive support over 2016/17 from the Scottish Government funded through the Adaptation Scotland programme. This support will provide expertise and funding for project workshops and engagement across the city.

The Aberdeen Adapts project will bring together a range of organisations and businesses to identify the specific challenges for the area and the new opportunities that come from a changing climate. The aim is to create a positive and ambitious strategic approach, setting the foundations for long term local partnership working on climate change.

This ongoing project complements Powering Aberdeen in ensuring the city is taking action to mitigate and adapt to a changing climate.

Information on Aberdeen Adapts is available:

[http://www.aberdeencity.gov.uk/council\\_government/shaping\\_aberdeen/Shaping\\_Aberdeen\\_Adaptation\\_Plan.asp](http://www.aberdeencity.gov.uk/council_government/shaping_aberdeen/Shaping_Aberdeen_Adaptation_Plan.asp)

• **3 Policies and Actions to Reduce Emissions (actions planned to achieve emissions reductions)**

Sector	Start year for policy / action	Year of full implementation	Annual CO <sub>2</sub> saving	Last year measured	Savings in latest year measured	Status	Metric/indicators for monitoring progress	Delivery role	ISM used?	Details of behaviour change activity	Value of investment	Ongoing costs	Primary funding source	Comments
Residential	2002	2020				In implementation	The carbon savings are calculated based on the amount of heat and electricity supplied by the CHP plant operated by AHP. There is no consumption data for individual properties.	Indirect	No	<a href="http://www.aberdeenheatandpower.co.uk/">http://www.aberdeenheatandpower.co.uk/</a>			Some funding received from the Community Energy Savings Programme and Aberdeen City Council.	Aberdeen Heat and Power was established in 2002 providing Combined Heat and Power. Connected - Stockethill, Hazlehead, Seaton, city centre and Tillydrone. Covering blocks flats and 13 public buildings. Further works in progress to connect more public buildings and housing estate properties as multistoreys. In 2016/17, new housing developments are connected to district heating network. 12new houses connected and still ongoing. Balmoral Court flats were connected, total 58 flats.
Services	2016	2018				In implementation	There will be a full evaluation at the end of the project in line with the SEEP funding evaluation criteria.	Direct	No		£12,000,000. Co-ordinated by Aberdeen Heat and Power.	19,200	SEEP District heating and energy efficiency programme.	This project is installing thermal storage at one of the energy centres at Seaton to improve efficiency, extending the heat network towards the city centre to include Hanover School, Marischal College the City Council head office and the Art Centre and externally insulating additional tower blocks.
Transport	2012	2021		2016		In implementation	Number of electric vehicle charging points installed. Increased charging points for electric vehicles from 58 in 2014/2015 to 62 in 2015/2016 with additional 4 charging points. This has increased to 72 in period 2016/2017.	Direct	No	<a href="http://www.aberdeencity.gov.uk/electricvehicles/">http://www.aberdeencity.gov.uk/electricvehicles/</a> and <a href="http://www.cowheels.org.uk/aberdeen">http://www.cowheels.org.uk/aberdeen</a>	83,570.75		Transport Scotland, Energy Saving Trust Scotland, Office for Low Emission Vehicles	Decarbonising vehicles through development of a network of electric charging points.
Transport	2012	2020		2017		In implementation	Number of members of Co-wheels Car Club. Additional 9 vehicles added during the reporting year 2015/2016 (38 vehicles) compared to 2014/2015 (29 vehicles). Increase in number of members signed Co-Wheels Car Club = 400 members (In 2014/2015 900 members of the public signed in Co-wheels car Club, 2015/2016 1300 members of public signed in Co-Wheels car Club). Additional 73 employees added to the account in the reporting year (661 compared with 588 before) Additional 7 vehicles added during reporting year (now 45). Additional 224 members added to the account in the reporting year (1524 compared with 1300 before. Does not include removal of some inactive members). 148,970 km covered by petrol cars, 32,874 covered by diesel cars, 102,483 covered by hybrid cars, 126,439 covered by electric vehicles during the reporting period. Obtained through telematics.	Influencing	No	<a href="http://www.cowheels.org.uk/about_us">http://www.cowheels.org.uk/about_us</a> Council has tendered for a company to come into Aberdeen to run a pay as you go car club from spaces the Council created on the public road and Council car parks. It also had to run pool car services for the Council. Furthermore, car club is used as part of the Development Management process		57522	Aberdeen City Council, Transport Scotland, Cowheels Car Club	Decarbonising private vehicles - Expansion of Co-Wheels car club - Aberdeen network with more vehicles available, more low carbon vehicles available to public.
Transport	2014	2018		2016	1447		Number of hydrogen vehicles and fuelling stations. Working on a conversion of a diesel equivalent emissions of 1200gCO <sub>2</sub> /KM	Enabling	No	<a href="http://www.aberdeeninvestiveisit.co.uk/Invest/AberdeensEconomy/CityProjects/H2-Aberdeen/H2-Aberdeen.aspx">http://www.aberdeeninvestiveisit.co.uk/Invest/AberdeensEconomy/CityProjects/H2-Aberdeen/H2-Aberdeen.aspx</a>	19000000		Public-private sector partnership	Decarbonising public transport and other vehicle. Fleet of 10 x hydrogen buses and hydrogen refuelling stations.
Waste	2013	2017		2015		In implementation	Food waste service has been provided to flatted/tenemental properties starting in 2013 covering around 17000 properties in 2013, nearly 8900 properties in 2014 and just over 8300 in 2015. Food waste is collected separately from other waste streams. With the weight information and the emission factors available from Defra/DECC ( <a href="https://www.gov.uk/government/collections/government-conversionfactors-for-companyreporting">https://www.gov.uk/government/collections/government-conversionfactors-for-companyreporting</a> ) both for food waste sent to landfill and food waste composted it is possible to calculate how many tCO <sub>2</sub> e is saved with the implementation of the project. Calculation as per follows: 2013 = 85.1 tonnes x (570-6) KgCO <sub>2</sub> e/tonne = 48 tCO <sub>2</sub> e saved 2014 = 398.3 tonnes x (570-6) KgCO <sub>2</sub> e/tonne = 225 tCO <sub>2</sub> e saved 2015 = 643.4 tonnes x (723-6) KgCO <sub>2</sub> e/tonne = 462 tCO <sub>2</sub> e saved	Direct	No	<a href="http://www.aberdeencity.gov.uk/waste/waste_recycling/waste_recycling_food_flats.asp">http://www.aberdeencity.gov.uk/waste/waste_recycling/waste_recycling_food_flats.asp</a>	1429517		Aberdeen City Council and Zero Waste Scotland Zero Waste Scotland funding = £1,429,517 over the length of the project	

Sector	Start year for policy / action	Year of full implementation	Annual CO <sub>2</sub> saving	Last year measured	Savings in latest year measured	Status	Metric/indicators for monitoring progress	Delivery role	ISM used?	Details of behaviour change activity	Value of investment	Ongoing costs	Primary funding source	Comments
Waste	2016	2018		2016		In implementation	Mixed recycling coming from flats/tenemental properties is not collected separately from other recycling service and for this reason it is difficult to provide figures on emissions saved with the implementation of this specific project. The emission saving should be visible with the increase of the recycled tonnage and with the increase of overall recycling rate.	Direct	No	<a href="http://www.aberdeencity.gov.uk/waste/waste_recycling/waste_onstreet_mixed_recycling.asp">http://www.aberdeencity.gov.uk/waste/waste_recycling/waste_onstreet_mixed_recycling.asp</a>	180000		Funding for tenements from Zero Waste Scotland. Funding for kerbside from Aberdeen City Council.	Enhanced recycling - Domestic communal mixed recycling service for flats. Provision of communal mixed recycling service to householders living in flats/tenemental properties. The project started in 2016 and is still on-going.
Waste	2017	2017				Complete	The indicator will be tonnes diverted per annum. Total tonnes of material diverted from recycling and reused 2017 = 26.23 tonnes (Bicycle, furniture, sports equipment, bric-a-brac- toys etc) tCO <sub>2</sub> e saved from material diverted from recycling = 550.83 kg  Tonnes of material diverted from recycling and reused x emission factor for material recycled = 26.23 tonnes x 21 kgCO <sub>2</sub> e/tonne waste = 550.83 kg CO <sub>2</sub> e saved = 0.55 tCO <sub>2</sub> e saved	Direct	No	<a href="http://news.aberdeencity.gov.uk/residents-encouraged-to-reuse/">http://news.aberdeencity.gov.uk/residents-encouraged-to-reuse/</a> The reuse facility provides an opportunity to divert more materials and resources from landfill. Each year we are endeavouring to achieve a 10% increase based in year one figures for the materials recovered and reused. So far over 36.73 tonnes of valuable materials have been diverted from landfill since the project began.	25600		Aberdeen City Council Zero Waste Scotland. The funding from Zero Waste Scotland was obtained for the purchase of two storage containers of around 36m <sup>3</sup> capacity which will allow the safe, secure acceptance and storage of reuse items. In addition the funding paid for the costs of signage and associated marketing campaign to publicise the service.	Reuse - In January 2017 a reuse facility was opened at Sclattie Household Waste Recycling Centre in Bucksburn. The Reuse service was expanded to due to the success shown at Grove HWRC. The site accommodates a full range of recycling facilities and is convenient for the population North of the city.  The reuse facility is a partnership between Aberdeen City Council, Suez UK and the charity Blythswood. The facility is operated by SUEZ UK and the charity collects the items to sell on to the public.  The targeted items are household furniture, sports equipment and bicycles and has been expanded to collect further items such as household bric-a-brac, DIY equipment and toys among many other materials and any items that are unsuitable, will continue to be recycled.
Waste	2014	2017				Complete	Number of properties provided by new service.	Direct	No	All householders on bin system now have smaller residual waste bins and larger recycling containers. A comprehensive communications plan was also executed as part of this and has resulted in an increased recycling rate. Early indications suggest participation rates are on average 70%+.			Aberdeen City Council	Enhanced recycling - Introduction of new mixed recycling service which increases range of materials recycled and reduces capacity for residual waste to 70,000 domestic properties.
Electricity	2015	2023				In implementation		Direct	No		1050400		Aberdeen City Council - spend to save and non-housing capital plan.	Replacement of high consumption Street Lighting Lanterns with lower energy LED units. Saving of grid electricity. Estimated cost savings of 254,469 per annum.
Transport	2017	2022				Proposed		Direct	No				European grant funding for maximum Emission Reductions.	Hytime Project – Hydrogen Truck Implementation. This will be for 2 x Refuse Collection Vehicles and 1 x Large Sweeper.
Transport	2016	2020				In implementation		Direct	No				European Funding through Civitas has been obtained to support development of this plan and improve the data set behind it.	Develop and implement the Sustainable Urban Mobility Plan (SUMP) for the city. Improvements to cycling and walking infrastructure to the city centre Target 20% increase in cycling and walking to access city centre. 20% reduction in traffic in city centre. Impact will be monitored by RGU.

Sector	Start year for policy / action	Year of full implementation	Annual CO <sub>2</sub> saving	Last year measured	Savings in latest year measured	Status	Metric/indicators for monitoring progress	Delivery role	ISM used?	Details of behaviour change activity	Value of investment	Ongoing costs	Primary funding source	Comments
Other	2016					Complete		Joint venture	No					City Centre Carbon Reduction Project. This project aims to encourage city centre businesses to undertake energy efficiency audits available through Resource Efficient Scotland to reduce costs and carbon. This is an on-going project which aimed to have a pilot of 5 businesses signed up by the end of 2016, working with RES to a much larger regional promotion of their services which should help boost take up. Aberdeen Inspired, Resource Efficient Scotland, Aberdeen City Council.
Other		2018				Proposed		Joint venture	No					Pilot Local Heat and Energy Efficiency Strategy. In partnership with 4 other cities through the Scottish Cities Alliance (SCA), ACC is seeking funding from SEEP to develop a pilot LHEES in the Tillydrone area of Aberdeen. Bid issued. End of 2018 project due for completion.
Other	2016	2018				In implementation		Indirect	No				Scottish Government and ACC	Plans have been approved to extend the district heating system to an additional 7 multi storey blocks.
Other	2016	2020				In implementation		Joint venture	No				ACC has received EU funding which includes funding to Codevelop a heat map for the city and a city wide heat network plan.	Development of a heat map and district heating plan for the city.
Transport	2016	2021				In implementation		Direct	No					Develop new Park and Choose site on the A96/Dyce Drive link road – opened March 2017. The aim is to double the number of people using Park and Choose sites by 2021.
Transport	2016					In implementation		Joint venture	No					This is an ongoing scheme, called EcoStar. This programme encourages fleet operators to seek EcoStar status which is based on them reducing their fleet emissions and includes auditing and advice. So far 40 organisations have signed up.
Transport	2016	2020				In implementation		Joint venture	No				This is European funded project and we will be working with RGU to see how we can monitor any carbon benefits arising.	Civitas Project – promoting active travel and uptake of collective travel. Improvements to cycling and walking infrastructure to the city centre Target 20% increase in cycling and walking to access city centre. 20% reduction in traffic in city centre. ACC, Aberdeen Harbour Board, the University of Aberdeen, RGU, Nestrans, Abellio, Aberdeen cycle network.
Transport	2016	2016				Complete								Behaviour change pilot. As part of developing their multistorey carpark NHS Grampian need to significantly reduce car parking for a period of time. The partners (NHS, nestrans, stagecoach and ACC) are working together encourage alternative transport for the commute to encourage long-term behaviour change.



- **4 Partnership Working, Communications and Capacity Building**

Key action type	Description	Action	Organisation's project role	Lead organisation (if not reporting organisation)	Private partners	Public partners	3 <sup>rd</sup> sector partners	Outputs	Comments
Partnership working	Implementation of Powering Aberdeen	Partnership working of climate change or sustainability	Lead		There are many private partners including First, Stagecoach, Network Rail, Aberdeen Harbour Board etc.	There are many public partners including the NHS, University, SSN etc.	There are a number of third sector partners including FSB, SBC and FoE.	Implementation of projects/actions within Powering Aberdeen.	<a href="http://www.aberdeency.gov.uk/council_government/shaping_aberdeem/SustainableEnergyActionPlan.asp">http://www.aberdeency.gov.uk/council_government/shaping_aberdeem/SustainableEnergyActionPlan.asp</a>
Partnership working	Inputting and supporting development of an over-arching Sustainable Energy Action Plan for the North East of Scotland.	Partnership working of climate change or sustainability	Supporting	Aberdeenshire Council	Same as Powering Aberdeen, but includes stakeholders from Angus, Moray and Aberdeenshire.			Development and progression of the NE SEAP.	Over-arching strategy for the North East of Scotland to ensure transboundary issues are considered. Compliance with legislation, alleviation of fuel poverty, fuel security, job creation, revenue savings, corporate reputation enhancement, attraction of investment, global recognition, diversification of the economy alongside many other benefits.
Partnership working	Facilitation of a network to learn from others, share best practice and develop collaborative projects.	Partnership working of climate change or sustainability	Lead		Members attend from all sectors. Details can be found at: <a href="http://www.aberdeency.gov.uk/planning_environment/environmental/your_environment/cma_northeastscotlandclimatechangepartnership.asp">http://www.aberdeency.gov.uk/planning_environment/environmental/your_environment/cma_northeastscotlandclimatechangepartnership.asp</a>			North East Scotland Climate Change Partnership.	<a href="http://www.aberdeency.gov.uk/planning_environment/environmental/your_environment/cma_northeastscotlandclimatechangepartnership.asp">http://www.aberdeency.gov.uk/planning_environment/environmental/your_environment/cma_northeastscotlandclimatechangepartnership.asp</a>
Communications	Leading, working in partnership and developing activities to showcase during these campaigns.	Multi-organisation communications	Participant	Sometimes lead, other times support Aberdeen Climate Action.	Many businesses across the city are encouraged to be involved.	Aberdeenshire Council, NHS, University of Aberdeen, Robert Gordon University, James Hutton Institute.	FoE who project manage Earth Hour and then Aberdeen Climate Action, alongside multiple local groups.	Co-ordinating engagement and communications for Earth Hour and Climate Week through partnership working.	<a href="http://www.aberdeency.gov.uk/CouncilNews/ci_cns/pr_Earth_Hour_Panda_160316.asp">http://www.aberdeency.gov.uk/CouncilNews/ci_cns/pr_Earth_Hour_Panda_160316.asp</a>

Key action type	Description	Action	Organisation's project role	Lead organisation (if not reporting organisation)	Private partners	Public partners	3 <sup>rd</sup> sector partners	Outputs	Comments
Communications	Recognises sustainable initiatives of organisations and individuals.	Awareness raising	Lead		Open for businesses across the city to apply.	Open to schools across the city to apply.	Open to charities, community groups, individuals across the city to apply.	EcoCity Awards	<a href="http://www.aberdeencity.gov.uk/planning_environment/environmental/your_environment/cma_ecocityawards.asp">http://www.aberdeencity.gov.uk/planning_environment/environmental/your_environment/cma_ecocityawards.asp</a>
Capacity building	Training and guidance for internal stakeholders to help inform corporate and city wide decision making.	Skills/capacity building	Lead			Internal stakeholders including elected members.		New managers induction. Elected members induction. Committee report writing training/guidance. PIT STOP training.	Internal communications with participation within the new managers induction, elected members induction, committee report writing and PIT STOP training.
Partnership working	Ensure effective management and conservation of the river Dee and its surrounding environment including natural flood management.	Partnership working of climate change or sustainability	Supporting	Dee Catchment Partnership	Aberdeen Harbour Board, National Farmers Union Scotland	Aberdeenshire Council, Cairngorms National Park Authority, Forestry Commission Scotland, James Hutton Institute, Scotland Rural College (SRUC), Scottish Environment Protection Agency, Scottish Government, Scottish Natural Heritage, Scottish Water	Royal Society for the Protection of Birds (RSPB), Dee District Salmon Fishery Board	Dee Catchment Management Plan and Partnership. Natural Flood Management.	<a href="http://theriverdee.org/ourpartners.asp">http://theriverdee.org/ourpartners.asp</a>
Communications	Production of a quarterly newsletter showcasing sustainability stories from multiple stakeholders across the city.	Awareness raising	Lead		Any private partners within the city can contribute to the newsletter.	Any public sector partners within the city can contribute to the newsletter.	Any third sector partners within the city can contribute to the newsletter.	Green Times	<a href="http://www.aberdeencity.gov.uk/planning_environment/environmental/your_environment/cma_your_environment_Greentimes.asp">http://www.aberdeencity.gov.uk/planning_environment/environmental/your_environment/cma_your_environment_Greentimes.asp</a>

Key action type	Description	Action	Organisation's project role	Lead organisation (if not reporting organisation)	Private partners	Public partners	3 <sup>rd</sup> sector partners	Outputs	Comments
Partnership working	Preservation and enhancement of biodiversity through networking and delivery of a Local Biodiversity Action Plan.	Partnership working of climate change or sustainability	Participant	James Hutton Institute	Representatives drawn from a range of organisations including local authorities, conservation environmental and research organisations, statutory agencies and local businesses and individuals.			North East Scotland Biodiversity Partnership. Local Biodiversity Action Plan.	Working to help preserve and protect biodiversity and will implement projects that helps achieve this aim, taking the future threats of climate change into consideration. For example, there will be a focus on protecting and preserving habitats that help store carbon such as peatlands, raised bogs, heaths and fens.  <a href="http://www.nesbiodiversity.org.uk/">http://www.nesbiodiversity.org.uk/</a>
Capacity building	To consolidate and grow the region's position as one of the world's major energy centres and the energy capital of Europe	Skills/Capacity building	Supporting	Aberdeenshire Council	Scottish Enterprise	Aberdeenshire Council		Energetica	<a href="http://www.energetica.u.com/about/what-is-energetica">http://www.energetica.u.com/about/what-is-energetica</a>
Partnership working	Working to bring about a hydrogen economy in the Aberdeen City Region developed through the HyTrEc project.	Partnership working of climate change or sustainability	Lead		Various – see weblink			H2 Aberdeen. Hydrogen Strategy development and implementation for Europe's North Sea region.	<a href="http://www.aberdeeninvestlivevisit.co.uk/Invest/Aberdeens-Economy/City-Projects/H2-Aberdeen/A-Hydrogen-Economy.aspx">http://www.aberdeeninvestlivevisit.co.uk/Invest/Aberdeens-Economy/City-Projects/H2-Aberdeen/A-Hydrogen-Economy.aspx</a>

Key action type	Description	Action	Organisation's project role	Lead organisation (if not reporting organisation)	Private partners	Public partners	3 <sup>rd</sup> sector partners	Outputs	Comments
Partnership working	AREG works closely in partnership with the Council to identify and help facilitate the delivery of projects that could provide additional renewable energy infrastructure.	Partnership working of climate change or sustainability	Lead					Aberdeen Renewable Energy Group working to ensure businesses in Aberdeen City and Shire capitalise on opportunities in renewable energy.	<a href="http://www.aberdeenrenewables.com/">http://www.aberdeenrenewables.com/</a>
Partnership working	Working together to ensure water bodies achieve a certain ecological status.	Partnership working of climate change or sustainability	Participant	SEPA			<a href="http://www.sepa.org.uk/media/75414/doc-7-north-east-areaadvisory-groupmembership-list.pdf">http://www.sepa.org.uk/media/75414/doc-7-north-east-areaadvisory-groupmembership-list.pdf</a>	North East Scotland Area Advisory Group. Local River Basin Management.	<a href="http://www.sepa.org.uk/environment/water/river-basinmanagementplanning/">http://www.sepa.org.uk/environment/water/river-basinmanagementplanning/</a>
Partnership working	Working together to prevent and alleviate flooding.	Partnership working of climate change or sustainability	Participant	SEPA			<a href="http://www.sepa.org.uk/media/75414/doc-7-north-east-areaadvisory-groupmembership-list.pdf">http://www.sepa.org.uk/media/75414/doc-7-north-east-areaadvisory-groupmembership-list.pdf</a>	North East Scotland Area Advisory Group. Local Flood Risk Management Plan (LFRMPs)	Aberdeen City Council Planning and Flooding Team have been involved in developing the Scotland Flood Risk Management Plan and the Local Flood Risk Management Plan (LFRMPs). These are based on the Flood Risk Management Strategies (FRM Strategies), which were published in December 2015. The LFRMPs provide more detail on the actions that are to be taken forward in the first flood risk management cycle, June 2016 - June 2022. The LFRMPs were developed in partnership and will link to other plans, policies, strategies and legislative requirements. <a href="http://apps.sepa.org.uk/FRMStrategies/">http://apps.sepa.org.uk/FRMStrategies/</a>

Key action type	Description	Action	Organisation's project role	Lead organisation (if not reporting organisation)	Private partners	Public partners	3rd sector partners	Outputs	Comments
Communications	Raising awareness of alternative transport options.	Awareness raising	Lead		Various – changes yearly.			Participation in European Mobility Week September 2016 including an In Town Without My Car Day event and a West End Street reclaim project - closing parts of the city centre to vehicles.	<a href="http://www.aberdeency.gov.uk/CouncilNews/ci_cns/pr_europeanmobilityweek_070815.asp">http://www.aberdeency.gov.uk/CouncilNews/ci_cns/pr_europeanmobilityweek_070815.asp</a> Funded with smarter choice, smarter placed money. £15000.
Partnership working	Getabout is a sustainable travel brand promoting walking, cycling, use of public transport, lift share.	Behaviour Change	Participant	Getabout Partnership (rotating chair with ACC currently chairing)		Aberdeenshire Council, University of Aberdeen, Robert Gordon University, North East College, James Hutton Institute, Energy Saving Trust, NESTRANS, NHS		Get About Partnership and awareness raising	<a href="http://getabout.org.uk/">http://getabout.org.uk/</a>
Partnership working	Promotion and use of shared transport.	Behaviour Change	Participant	Co-wheels				Co-wheels partnership. Car club scheme.	<a href="http://www.cowheels.org.uk/Aberdeen">http://www.cowheels.org.uk/Aberdeen</a> £133,000 (Council, Transport Scotland)
Partnership working	Promotion of usage of low carbon emission vehicles: electric vehicles.	Behaviour Change	Participant	Transport Scotland		Transport Scotland, Energy Saving Trust Scotland, EVAS (Electric Vehicle Association Scotland)			<a href="http://www.aberdeency.gov.uk/electricvehicles/">http://www.aberdeency.gov.uk/electricvehicles/</a> £103,000 (2016/17)
Partnership working	Promotion of Active Travel as walking and cycling to improve and expand the network of paths/routes.	Partnership working of climate change or sustainability	Participant	NESTRANS		Aberdeenshire Council	SUSTRANS, Paths for All	Network that delivers awareness events and works together on projects.	<a href="http://www.aberdeency.gov.uk/planning_environment/planning/outdoor_access/wac_outdoor_access.asp">http://www.aberdeency.gov.uk/planning_environment/planning/outdoor_access/wac_outdoor_access.asp</a>

Key action type	Description	Action	Organisation's project role	Lead organisation (if not reporting organisation)	Private partners	Public partners	3 <sup>rd</sup> sector partners	Outputs	Comments
Partnership working	Promotion of access via paths.	Partnership working of climate change or sustainability	Participant	Paths for All		Transport Scotland, NESTRANS, NHS, Aberdeenshire Council, Energy Saving Trust Scotland		Network that delivers awareness events and works together to develop/maintain paths. Smarter Choices, Smarter Places Programme.	<a href="http://www.pathsforall.org.uk/pfa/getinvolved/smarter-choices-smarter-places-fund.html">http://www.pathsforall.org.uk/pfa/getinvolved/smarter-choices-smarter-places-fund.html</a> Total invested in the partnership - £495,592.21.
Partnership working	Changing waste and recycling service from individual to communal containers to promote of easier and more accessible access to recycling service	Partnership working of climate change or sustainability	Participant	Zero Waste Scotland				Working with members of the public, community councils and groups to expand waste infrastructure across the city.	<a href="http://news.aberdeency.gov.uk/recycling-boost-for-hundreds-of-aberdeens-households/">http://news.aberdeency.gov.uk/recycling-boost-for-hundreds-of-aberdeens-households/</a>
Partnership working	Provision of a reuse scheme at Hazlehead Recycling Centre.	Partnership working of climate change or sustainability	Lead		Sita			Reuse programme for waste.	<a href="http://news.aberdeency.gov.uk/residents-encouraged-to-reuse/">http://news.aberdeency.gov.uk/residents-encouraged-to-reuse/</a>
Partnership working	Treatment and recovery of residual waste to produce heat and electricity.		Lead		None	Aberdeenshire and Moray Councils	None	To develop an energy from waste facility to deal with the residual municipal waste produced by the three authorities in the north east of Scotland.	Facility expected to be operational by late 2021.

Key action type	Description	Action	Organisation's project role	Lead organisation (if not reporting organisation)	Private partners	Public partners	3 <sup>rd</sup> sector partners	Outputs	Comments
Communications	Worked with city stakeholders to produce a programme of events and lights to be switched off for Earth Hour and climate week within March 2017.	Awareness raising	Participant	Aberdeen Climate Action	Various stakeholders – see website.			Earth Hour and Climate Week campaigns.	Raising awareness of climate change in the Council, schools and with the public through a series of press releases, flyers, emails, radio interviews, and posters in public places. A programme of events took place including talks, films, rangers walks, art projects, science workshops, tree planting and information events with many people taking part. <a href="http://www.climateweekaberdeen.org/">http://www.climateweekaberdeen.org/</a>
Partnership working	Heat recovery	Partnership working of climate change or sustainability	Participant	Aberdeen Heat and Power				Heat recovery from the ice rink to locally heat the ice rink beach ballroom complex.	Investment of £1 million.
<b>Communications</b>	Green Business Network	Skills/Capacity building	Lead		ACC/Aberdeenshire, SE, Energetica			Green Business Network	The aim is to develop a green business network to promote opportunities to business and to help encourage leadership and sharing of best practice. Discussions are on-going to establish the network.

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

Key action type	Key action description	Organisation's project role	Impacts	Comments
Biodiversity	Hazlehead Grove Nursery	Lead	Providing an opportunity to develop life skills and learning opportunities for people, through various activities including plant cultivation and other horticultural related activities for the benefit of the city's parks and open spaces and an outdoor educational space.	Ongoing initiative
Food and drink	The Allotments Market Stall	Supporting	Supporting a market stall at Duthie Park for produce from allotments in Aberdeen. All the proceeds go back to the gardeners to help them maintain and improve their allotment sites. TAMS works with the Council and Community Food Initiative North East (CFINE) who coordinate the foodbanks initiative.	Ongoing initiative
Food and Drink	Sustainable Food Cities	Participant	The initiative promotes a sustainable approach to food and could see more local food growing projects, organic food, less food waste, less food transportation and stronger links between consumers and local producers. A reduced foodprint will reduce city-wide carbon emissions.	<a href="http://sustainablefoodcities.org/findacity/cityinformation/userid/">http://sustainablefoodcities.org/findacity/cityinformation/userid/</a>
Food and drink	Aberdeen City Fairtrade	Participant	Aberdeen City Council reaffirmed its support for Fairtrade and committed to establishing a baseline to monitor its own procurement of Fairtrade, or equivalent, items. Buying more Fairtrade supports an income stream and engagement with communities in developing countries. This gives them more opportunity to adapt to a changing climate and to pursue low carbon solutions relevant to their needs. This is an on-going initiative.	Continued support for Fairtrade. <a href="http://www.aberdeencity.gov.uk/business_trade/trading_standards/fairtrade_city.asp">http://www.aberdeencity.gov.uk/business_trade/trading_standards/fairtrade_city.asp</a>
Biodiversity	Seaton Wetland project	Lead	This £90,000 project was developed to deal with flooding issues through the creation of an official wetland in the Seaton Park. In recent years, the park has suffered from flooding creating problems with access in certain areas and the pooling of water in other parts of the park. The project includes a viewing platform and wildflower planting.	<a href="http://www.aberdeencity.gov.uk/seatonparkwetlandproject/">http://www.aberdeencity.gov.uk/seatonparkwetlandproject/</a>