

RECOMMENDED – WIDER INFLUENCE

- **1a Historic Emissions**

This table is pre-populated with datasets provided 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	2016	Units	Comments
Waste	17676.15	17114.75	17109.82	26693.15	24426.84	tCO ₂ e	<p>Domestic waste to landfill: 2012 = 60,988 tonnes 2013 = 59,051 tonnes 2014 = 59,034 tonnes 2015 = 58,155 tonnes 2016 = 58, 021 tonnes</p> <p>Data from: https://www.environment.gov.scot/data/data-analysis/household-waste/</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 KgCO₂e/tonne</p> <p>Emission factors from: https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2016</p>
Waste	88.55	87.81	95.45	94.85	101.47	tCO ₂ e	<p>Domestic waste organics recycled: 2012 = 14,591 tonnes 2013 = 14,469 tonnes 2014 = 15,909 tonnes 2015 = 15,809 tonnes 2016 = 16,911 tonnes</p> <p>Data from: https://www.environment.gov.scot/data/data-analysis/household-waste/</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 KgCO₂e/tonne</p>

							Emission factors from: https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2016
Waste	454.67	430.23	437.49	438.06	432.03	tCO ₂ e	Domestic waste recycled: 2012 = 21,651 tonnes 2013 = 20,487 tonnes 2014 = 20,833 tonnes 2015 = 20,860 tonnes 2016 = 20,573 tonnes Data from: https://www.environment.gov.scot/data/data-analysis/household-waste/ Defra/DECC Emissions factors used for 2012, 2013, 2014 and 2015. No change in emissions factor. Domestic waste recycled = 21 KgCO ₂ e/tonne Emission factors from: https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2016
Waste	0.25	0.50	0.29	3.53	0.82	tCO ₂ e	Domestic waste recovered by co-incineration: 2012 = 12 tonnes 2013 = 24 tonnes 2014 = 14 tonnes 2015 = 168 tonnes 2016 = 39 tonnes Data from: https://www.environment.gov.scot/data/data-analysis/household-waste/ Defra/DECC Emissions factors used for 2012, 2013, 2014 and 2015. No change in emissions factor. Domestic waste recovered by co-incineration = 21 KgCO ₂ e/tonne Emission factors from: Emission factors from: https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2016 Please note incorrect figures have been reported previously.

Sector	2012	2013	2014	2015	2016	Units	Comments
Waste	1.79	7.14	5.02		11.85	tCO ₂ e	<p>Domestic waste disposed of by incineration: 2012 = 0 tonnes 2013 = 85 tonnes 2014 = 340 tonnes 2015 = 239 tonnes 2016 = 564 tonnes</p> <p>Data from: https://www.environment.gov.scot/data/data-analysis/household-waste/</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 KgCO₂e/tonne</p> <p>Emission factors from: Emission factors from: https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2016</p>
Waste			0	0		tCO ₂ e	<p>Prepared for reuse: No previous data 2015 = 10 tonnes 2016 = 14 tonnes</p> <p>Data from: https://www.environment.gov.scot/data/data-analysis/household-waste/</p> <p>Defra/DECC Emissions factors used for 2012, 2013, 2014 and 2015. No change in emissions factor.</p> <p>Prepared for reuse = 0 KgCO₂e/tonne – as being reused.</p> <p>Emission factors from: https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2016</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 31	2030 2020			Interim target. No further update.
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. No further update.
Waste	Within Aberdeen's Waste Strategy there are targets: - 60% of households waste to be recycled by 2020. - 56% of household waste to be recycled through source separation by 2025. - No more than 5% of household waste should be landfilled by 2025. - Organic waste introduced to households by 2016	Other	36242 tonnes for household waste (37.27%) 117000 households for organic waste. 60988 tonnes for landfill waste.	2012		2016/20 20/2025			% 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 has experienced a reduction. 44% reduction in household waste and 26% reduction in waste to landfill achieved in 2017.
Transport	In the Local Transport Strategy there are targets to reduce road vehicles and promote alternative transport options.	Other				2021			More information available at https://www.aberdeencity.gov.uk/sites/aberdeen/files/Local%20Transport%20Strategy%20%282016-2021%29.pdf No further update.
Overall reduction target	Various								See response to required reporting sections 2c-2e and also reference Powering Aberdeen's literature review which is available at: https://www.aberdeencity.gov.uk/sites/aberdeen/files/Local%20Transport%20Strategy%20%282016-2021%29.pdf No further update.
Other	The target is to connect all 59 tower blocks to the district heating network or to stand alone CHP where this is cost	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

prohibitive.

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 www.aberdeenheatandpower.co.uk
No further update.

- **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:

<https://www.aberdeencity.gov.uk/sites/aberdeen-cms/files/2017-09/Powering%20Aberdeen.pdf>

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.

The Aberdeen Adapts project brought 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:

<https://www.aberdeencity.gov.uk/sites/aberdeen-cms/files/2017-09/Powering%20Aberdeen.pdf>

- 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 ₂ 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	http://www.aberdeenheatandpower.co.uk/			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. This CHP network currently supplies 2698 flats and 19 public buildings. A further 699 flats are connected to the stand alone CHP scheme. Further works in progress to connect more domestic and public buildings.

Services	2016	2018		In implemen tation	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- ordinate d by Aberdee n Heat and Power.	SEEP District heating and energy efficiency program me.	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. No update provided.
Transport	2012	2021	2016	In implemen tation	Number of electric vehicle charging points installed. Increased charge point sockets to 100. 19 fleet, 19 car club and 62 for public where council has organised installation.	Direct	No	https://www.aberdeencity.gov.uk/services/roads-transport-and-parking/electric-vehicle-charging-points and http://www.cowheels.org.uk/aberdeen	83,570.7 5	Transport Scotland, Energy Saving Trust Scotland, Office for Low Emission Vehicles	There was also progress in the electric vehicle charging infrastructu re with a further 11 electric vehicle charging points becoming available in Aberdeen in 2017, and 2 further rapid

											recharging points were installed in 2018.
Transport	2012	2020	2017	In implementation	Number of members of Co-wheels Car Club Increase in number of members signed Cowheels Car Club 13,626km covered by petrol cars, 1931 covered by diesel cars, 5922km covered by hybrid cars, 49496km covered by electric vehicles and 31634km covered by hydrogen vehicles during the reporting period. Obtained through telematics.	Influencing	No	http://www.co-wheels.org.uk/aberdeen 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		Aberdeen City Council, Transport Scotland, Cowheels Car Club	The car-club membership was 887 in 2017/18 compared to 677 in 2016/17.
Transport	2014	2018	2016		Decarbonising public transport and other vehicle fleet. Number of hydrogen buses and hydrogen refuelling Stations.	Enabling	No	www.aberdeenninvestlivevisit.co.uk/hydrogen . Bus operators operating hydrogen buses in a commercial environment undertaking the same mileage as a diesel equivalent in service	1900000	Public-private sector partnership	Estimated 460 tCO2 savings in 2017/2018.
Waste	2016	2018	2016	Complete	Mixed	Direct	No	http://www.aberdeencity.gov.uk/waste/waste_recycling/waste_o	180000	Funding	Enhanced

									recycling coming from flats/tenement properties is not collected separately from other recycling service and for this reason it is difficult to provide figures on CO2 emissions saved with the implementation of this specific project. The CO2 saving should be visible with the increase of the recycled tonnage and with the increase of overall recycling rate.	nstreet_mixed_recycling.asp		for tenements from Zero Waste Scotland. Funding for kerbside from Aberdeen City Council.	recycling - Domestic communal mixed recycling service for flats. Provision of communal mixed recycling service to households living in flats/tenement properties. The project started in 2016. An estimated 657 tCO2 savings in 2017.
Electricity	2015	2023	In implementation	Direct	No						1050400	Aberdeen City Council - spend to save and non-housing capital plan.	Street lighting LED replacement programme. In 2017/18 an estimated cost savings of £39096 was recorded.
Transport	2017	2022	Proposed	Direct	No							European	Hytime

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grant funding for maximum Emission Reductions. Project – Hydrogen Truck Implementation. This will be for 2 x Refuse Collection Vehicles and 1 x Large Sweeper. A collaboration with ULEMCo and ACC delivered the world's first hydrogen dual fuel road sweeper for Aberdeen. The vehicle uses hydrogen fuel for around a third of the energy used to drive and operate conventional road sweeper vehicles, making valuable reductions in CO2 emissions

Transport 2016 2020 In implementation Direct No

European Funding through Civitas has been obtained to support Develop and implement the Sustainable Urban Mobility Plan

									development of this plan and improve the data set behind it. Impact will be monitored by Robert Gordon University (RGU)	(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. No updated on this.
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 . No update provided.
Other	2016	2018		In implemen	Indirect	No			Scottish Governm	Plans have been

			tation			ent and ACC	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. No update provided.
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. No update provided.
Transport	2016	2021	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,

- 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 rd sector partners	Outputs	Comments
Capacity Building	Staff training and development initiatives		Lead			Zero Waste Scotland		Changing waste and recycling service from individual to communal containers to promote of easier and more accessible access to recycling service.	Zero Waste Scotland funding £82000 circa. Aberdeen City Council Housing funding £33K and Waste and Recycling Team cover of other cost and officers time http://news.aberdeencity.gov.uk/recycling-boost-for-hundreds-of-aberdeen-household
Partnership working	Internal working group to oversee delivery of community benefits through procurement contracts	Partnership working on the provision of community benefits with Aberdeen.	Lead		Can include external contractors whom are seeking to bid for work.	Can include external contractors whom are seeking to bid for work.	Can include external contractors whom are seeking to bid for work.	Provision of community benefits within Aberdeen city through the requirements of the Procurement Reform (Scotland) Act 2014, some of which can help deliver the principles of sustainable development. Community benefits can be delivered in a number of ways through apprenticeships, provision of materials, advice and support etc.	
Communications	Fairtrade City Status campaign	Promote Fairtrade activities.		Aberdeen Fairtrade steering Group			Aberdeen for a Fairer World	Coordinate Fairtrade campaign activities and 2 stalls in Town House restaurant and Marishchal college canteen for the Fairtrade Fortnight.	
Partnership working	A Community Food-growing initiative is		Lead	Aberdeen City Council with Community	EIS – Timber donation.	University of Aberdeen, Seaton Recovery Centre, Schools, Grove	One Seed Forward, Sustainable Food City Partnership Aberdeen,	School gardens, edible walls, community gardens, food-growing	https://www.aberdeencity.gov.uk/services/environment/food-growing-strategy

	delivering a programme of food-growing projects targeting the regeneration areas of Aberdeen. It is trialling several projects to inform the food-growing strategy for Aberdeen.		Food Initiative North East	Nursery.	CFINE	bags, and a community fridge.
Partnership Working	Development of Granite City Growing, Aberdeen's Food Growing Strategy.	Lead		Greenspace Scotland	Multiple, see website for further examples	A number of workshops with internal and external stakeholders to assist in the development of a food growing strategy for the city of Aberdeen. This is being developed to support delivery against Part 9 of the Community Empowerment Act. https://www.aberdeencity.gov.uk/services/environment/food-growing-strategy
Capacity Building	School Gardening Project	Lead			One Seed Forward	Pupils in four schools within the Localities participated in a school gardening project to learn how to grow their own food and establish links between food growing, health and wellbeing.
Partnership Working	Sustainable Food City Partnership	Exploring the role food can play in delivering social, economic and environmental challenges Transform	Escape Consultancy Ltd	Aberdeen Health and Social Care Partnership. NHS Grampian Public Health Directorate (NHSG PHD) Robert Gordon University	Tillydrone Community Flat The Allotment Market Stall, Community Food Initiatives North East (CFINE)	The SFC model suggests six key priority areas, and we will use these to focus our work in Aberdeen. The six priority themes are: 1. Promoting healthy and sustainable food to the public; 2. Tackling food poverty, diet-related ill

		ing food culture and systems.						health and access to healthy food; 3. Building community food knowledge, skills, resources and projects; 4. Promoting a vibrant and diverse sustainable food economy; 5. Transforming catering and food procurement; 6. Reducing waste and the ecological footprint of the food system.	
Partnership working	Working in partnership to deliver Climate Week North East.	Delivery of Climate Week North East	Supporting	Aberdeen Climate Action		Aberdeenshire Council	Multiple	A programme of events covering many themes relating to climate change, with the week culminating in Earth Hour. The programme involved many different stakeholders who organised wide ranging activities from fashion shows, film screenings, debates, lectures, cycle rides, fun days, walks.	https://www.facebook.com/climateweeknortheast/
Partnership working	Implementation and coordination 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.	https://www.aberdeencity.gov.uk/sites/default/files/2017-09/Powering%20Aberdeen.pdf
Capacity Building	Hydrogen Economy for Aberdeen.		Lead		First Group, Stagecoach	Scottish Government, NESTRANS, European Regional Development Fund, Office of Low Emission Vehicles.		To develop the supply chain for a hydrogen economy in Aberdeen.	http://www.h2aberdeen.com/home/H2-Aberdeen-hydrogen-economy.aspx
Partnership working	Inputting and supporting development of an over-arching Sustainable Energy Action Plan for the	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,

	North East of Scotland.								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.			North East Scotland Climate Change Partnership.	https://www.aberdeency.gov.uk/services/environment/climate-change
Communications	Leading, working in partnership and developing activities to showcase during these campaigns.	Multi-organisational 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.	https://www.aberdeency.gov.uk/sites/default/files/Earth_Hour_programme_FINAL4.pdf
Communications	The EcoCity awards recognise sustainable initiatives of organisations, schools 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	https://www.aberdeency.gov.uk/services/environment/aberdeencity-awards
Capacity Building	Representation at the new elected member's induction.	Organisational Development	Lead					Manned stall at the new elected members induction to raise awareness of sustainability issues amongst the new electorate, with the long-term objective that this will help inform future decision making.	
Capacity building	Training and guidance for internal	Skills/capacity building.	Lead			Internal stakeholders including NHS partnership		PIT STOP training. New managers Induction.	Internal communications with participation within the new managers

	stakeholders to help inform corporate and city wide decision making.							induction and PIT STOP training.	
Capacity Building	Industry Liaison and student placement programme	Skills/capacity building.	Participant in the industry liaison group and sponsor organisation for student placements.	Robert Gordon University.				Provision of advice and support to the University on how to shape their taught courses to deliver better graduates. Also provision of opportunities within the Council to host students to help deliver projects and for them to fulfil their masters' course module. The majority of these placements have been within the Environmental Policy team.	
Capacity Building	Guest lecturer / speaker on the Global Energy Transition and Governance Masters programme	Skills/capacity building.	Guest lecturer / speaker	Centre International de formation Europeenne.	Aberdeen Heat and Power.			Provision of knowledge/advice/information to students through an open Q&A about SEAP development – sharing best practice.	
Capacity Building	Future of Energy Conference Guest Speaker	Skills/capacity building	Guest speaker	University of Aberdeen.	Multiple	Multiple		Speaker at the Future of Energy Conference, talking predominantly about development of a Sustainable Energy Action Plan. https://www.abdn.ac.uk/news/11704/	
Partnership working	Ensure effective management and conservation of the river Dee and its surrounding environment including natural flood	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	Royal Society for the Protection of Birds (RSPB), Dee District Salmon Fishery Board	Dee Catchment Management Plan and Partnership. Natural Flood Management.	http://www.deepartnership.org/our-partners.asp

	management.				Natural Heritage, Scottish Water.			
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	https://www.aberdeencity.gov.uk/services/environment/green-times
Partnership working	Maidencraig Flood Management and Wetland Scheme		Lead	Bancon Homes, who are part funding Phase 1 of the project as they have to provide the path as a requirement of their planning conditions	The social engagement and design of this project has been undertaken as part of the EU match-funded BEGIN project, which is a consortium project of 10 city (local authority) and 6 scientific (private and charity) partners from across the North Sea region; the consortium provides advice on the social engagement and design of projects such as Maidencraig The design of Phase 2 of the scheme has been awarded 100% funding from Sustrans who will be consulted throughout the design process Although not partners in a funding sense, the project has been guided by a Working Group setup as part of BEGIN; this comprises staff from various Council departments, a member of the Dee Catchment Partnership and Adaptation Scotland.	One member of the Working Group is both an employee of the Council and a member of the Den of Maidencraig Local Nature Reserve Committee		http://northsearegion.eu/begin/about-us/aberdeen/

Communications	Maidencraig Flood Management and Wetland Scheme		Lead		Begin Working Group			Co-design an information leaflet and sign for the site at Maidencraig; this has since been distributed and is estimated to have reached up to 3,000 local residents	https://news.aberdeencity.gov.uk/schemes-to-help-stop-flooding-in-the-city/
Partnership working	Aberdeen Adapts Stakeholder workshop June 2017	Stakeholder development of a climate adaptation strategy for the city.	Lead	Aberdeen City Council	There a number of private partner involved in Aberdeen Adapts, this workshop included SSE	There are many public partners including University of Aberdeen, RGU, NESTRANS, NHS, Scottish water, Aberdeen City Health & Social Care Partnership	There are many third sector partners including Community Councils, community park groups, Scottish Flood Forum, Aberdeen Climate Action, East Grampian Coastal Forum, River Dee Trust, Aberdeen performing Arts, James Hutton Institute	Development of a climate adaptation strategy for the city.	https://www.aberdeencity.gov.uk/services/environment/climate-change/adapting-climate-change
Communications	Workshop at the European Climate Change Adaptation Conference June 2017.	Delivering a joint workshop on Collaboration for transformation: inspiring stories of successful adaptation approaches in UK cities.	Delivery partner	Adaptation Scotland			Climate Ready Clyde, City of Edinburgh Council, London Climate Change Partnership	Presentation Aberdeen City's adaptation journey - From the Adaptation Learning Exchange to the beginnings of a city-wide adaptation strategy. Table facilitator workshop session.	
Communication	Arts and Climate Change Mini Festival April 2017.	A one-day mini-festival on Arts and Climate Change. The purpose of the festival	Delivery partner	Adaptation Scotland/ Creative Carbon Scotland		RGU	Artists, participants Middlefield community.	3 x workshops encouraging engagement in climate change through a range of arts approaches.	

		was to engage with the community on climate change adaptation through the lens of art.						
Communication	Climate Week presentation Aberdeen Adapts.	Presentation to ACC staff and group of staff students RGU on Aberdeen Adapts.	Lead		RGU			Workshop aimed to engage staff and students in climate change and work taking place in Aberdeen
Building capacity	Survey results received from City voice survey	Climate change questions were submitted for the 40 th City Voice survey (March 2017) – 570 responses	Delivery partner	Aberdeen Community Planning Partnership				
Communication	Aberdeen Adapts newsletter (April 2017)	Issued to Aberdeen Adapts stakeholders.	Lead		Issued to a number of private partner including SSE, First Bus etc.	Issued to many public partners including University of Aberdeen, RGU, NESTRANS, NHS, Scottish water, Aberdeen City Health & Social Care Partnership	Issued to many third sector partners including Community Councils, community park groups, Scottish Flood Forum, Aberdeen Climate Action, East Grampian Coastal Forum, River Dee Trust, Aberdeen performing Arts, James Hutton Institute.	Newsletter aimed to keep Aberdeen adapts stakeholders engaged with project progress and share adaptation information of interest.

Building capacity	Aberdeen Adapts presentation (September 2017)	Presentati on on Aberdeen Adapts was given to a delegatio n of visiting scholars from Vietnam.		RGU				
Building capacity	Community resilience student project	A placement project investigati ng opportuni ties to build communit y resilience to severe weather events. Engaging city communit y groups.	Lead			University of Aberdeen		
Partnership working	Aberdeen Adapts student placement	A placement project to produce template/ case studies for Aberdeen Adapts.	Lead			Group of students from RGU		
Communica tions	Green Times	Quarterly newslette r.	Lead			Includes articles submitted by ACC partners and covers partnership work such as EU projects/ transport initiatives etc.	Articles submitted by city Environmental Improvement Groups, schools, and 3 rd sector	https://www.aberdeencity.gov.uk/services/environment/green-time
Partnership working	Preservation and	Partnershi p working	Participant	James Hutton Institute	Representatives drawn from a range		North East Scotland Biodiversity	Working to help preserve and protect biodiversity

	enhancement of biodiversity through networking and delivery of a Local Biodiversity Action Plan.	of climate change or sustainability.			of organisations including local authorities, conservation environmental and research organisations, statutory agencies and local businesses and individuals.			Partnership. Local Biodiversity Action Plan.	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. http://www.nesbiodiversity.org.uk/
Partnership working	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	http://energetica.uk.com/about/what-is-energetica
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.	http://www.hytrac.eu/Partners/AberdeenCityCouncil.aspx
Communications and Capacity Building	Formal education and informal awareness raising about climate change, renewable energy and community led action.	Seminars, tours and talks on the Donside Hydro, a community funded, owned and operated hydro energy plant.	Promotion	Aberdeen Community Energy, a community benefit society	Institutes of Mechanical & Marine Engineers Aberdeen Association of Civil Engineers Welding Institute, a Nigerian Commonwealth Fellow.	University of Aberdeen Highland Council	Doors Open Day Aberdeen North East Climate week	Three educational seminars 10 tours and open days 200 participants	

Key action type	Description	Action	Organisation's project role	Lead organisation (if not reporting organisation)	Private partners	Public partners	3 rd sector partners	Outputs	Comments
Partnership working	A REG 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		Membership organisation of multiple stakeholders, refer to weblink: http://www.aberdeenrenewables.com/members/complete-a-z-index/			Aberdeen Renewable Energy Group working to ensure businesses in Aberdeen City and Shire capitalise on opportunities in renewable energy.	http://www.aberdeenrenewables.com/
Partnership working	Working together to ensure water bodies achieve a certain ecological status.	Partnership working of climate change or sustainability.	Participant	SEPA	https://www.sepa.org.uk/media/75414/doc-7-north-east-area-advisory-group-membership-list.pdf			North East Scotland Area Advisory Group. Local River Basin Management.	https://www.sepa.org.uk/environment/water/river-basin-management-planning

Partnership working	Working together to prevent and alleviate flooding.	Partnership working of climate change or sustainability.	Participant	SEPA	https://www.sepa.org.uk/media/75414/doc-7-north-east-area-advisory-group-membership-list.pdf		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. http://apps.sepa.org.uk/frmstrategies/	
Communications	Raising awareness of alternative transport options.	Awareness raising	Lead		Various – changes yearly In 2017, Stagecoach, First Bus, Co Wheels Car Club.	Nestrans, Aberdeenshire Council Aberdeen Science Centre NHS Grampian	ACVO	Participation in European Mobility Week September 2017 including an 'In Town Without My Car Day'. Over 10,000 people came to ITWMCD 2017. Some of the ITWMCD activities included; smoothie bikes, airport buses, Aberdeenshire Council exhibited, hungry hippos, puzzle route – free ice cream on completion, Civitas Portis also exhibited	Union Street was closed and the space used in another way. Fun active and sustainable travel themed activities were run in the space where cars and other vehicles would normally be.

Partnership working	Getabout is a sustainable travel brand promoting walking, cycling, use of public transport, lift share.	Behaviour Change	Participant	Getabout Partnership (A long standing member of the Getabout partnership)	Co wheels Car Club, Aberdeen University, RGU	Nestrans, Aberdeenshire Council, James Hutton Institute, Home Energy Scotland, NHS Grampian	there too	ACC administers the Smarter Choices, Smarter Places funding via the Getabout brand. Some of the Getabout partners act as delivery partners for the SCSP funding. The projects that the SCSP funding supports include; wayfinding, walking routes, public Dr Bike sessions, Getabout Bicycle Roadshows, cycle map production etc.	http://getabout.org.uk/
Partnership working	Promotion and use of shared transport.	Behaviour Change	Participant	Co-wheels			Co-wheels partnership. Car club scheme.	http://www.co-wheels.org.uk/aberdeen £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)		https://www.aberdeencity.gov.uk/services/roads-transport-and-parking/electric-vehicle-charging-points £103,000 (2016/17)	
Partnership working	Promotion of Active Travel as walking and cycling to improve and expand the network of paths/routes.	Behaviour Change		ACC	University of Aberdeen, RGU	Nestrans, Aberdeenshire Council, James Hutton Institute, Home Energy Scotland, NHS Grampian	ACVO	Aberdeen City Council works with partners to deliver a range of behaviour change activities across the city. Most of these are delivered under the Getabout brand and many are enabled by grant funding.	http://www.nestrans.org.uk/wp-content/uploads/2017/02/AcTrAP_FINAL.pdf
Partnership working	Aberdeen City Hydrogen Energy Storage.	Behaviour Change	Participant		ACC waste team, building services and city wardens	Scottish Environmental Protection Agency, Aberdeenshire Council and the NHS	SCARF	Decarbonise transport used by a range of stakeholders.	Cenex are monitoring data for all vehicles using the ACHES station. Number of vehicles, fuel efficiency, miles driven, and availability of station are also being measured.

Key action type	Description	Action	Organisation's project role	Lead organisation (if not reporting organisation)	Private partners	Public partners	3 rd sector partners	Outputs	Comments
Partnership working	Promotion of access via paths.	Partnership working of climate change or sustainability	Participant	Paths for All	University of Aberdeen, RGU	Nestrans, Aberdeenshire Council, James Hutton Institute, Home energy Scotland, NHS Grampian	ACVO	Network that delivers awareness events and works together to develop/maintain paths. Cycle and walking maps, general travel planning activities.	https://www.pathsforall.org.uk/pfa/get-involved/smarter-choices-smarter-places-fund.html Total invested in the partnership - £495,592.21.
Partnership working	Changing waste and recycling service from individual to communal containers to promote 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.	Aberdeen is one of three areas in Scotland to be awarded a grant which will allow them to work towards the Scottish Government's targets of recycling and reducing waste.
Partnership working	Provision of a reuse scheme at Hazlehead Recycling Centre.	Partnership working of climate change or sustainability	Lead		Seuz UK			Reuse programme for waste.	https://news.aberdeency.gov.uk/residents-encouraged-to-reuse/
Partnership working	Treatment and recovery of residual waste to produce heat and electricity.		Lead		Suez UK	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 rd sector partners	Outputs	Comments
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.
Communications	Raising awareness to save energy and water consumption within council estates.	Posters, energy saving campaigns, presentations, schools energy competitions.	Lead					Energy audits of all staff premises, Aberdeen Performing Arts. Music Hall, Beach Ballroom, Her Majesty's Theatre.	
Partnership working	Develop Hydrogen economy in Aberdeen.	Skills / capacity building.		ACC	First Group, Stagecoach	Scottish Government Nestrans, European Regional Development Fund, Office of Low Emissions Vehicles		To develop the supply chain for a hydrogen economy in Aberdeen.	Diversification of the local economy to the benefit of the region.
Partnership working	To test innovative and sustainable urban mobility.	Behaviour Change.	Civitas Portis					Series of talks in March 2018 on the theme of "Connected transport systems of the future."	Involves five European Cities.

. 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
Food and Drink	Granite City Growing	Lead	Development of a food growing strategy for the city encompassing allotments, communities and urban farming.	Ongoing initiative https://www.aberdeencity.gov.uk/services/environment/food-growing-strategy
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.	http://sustainablefoodcities.org/findacity/cityinformation/userid/462
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.
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.	Completed
Food and Drink	School Garden Project	Lead	School Garden projects to encourage pupils to learn to grow their own fresh produce (slam fruits, vegetables and herbs) thereby activating as an interactive outdoor resources and link to health and wellbeing.	Ongoing initiative
Food and Drink	Community Food Growing	Lead	Several projects aimed at developing new community growing spaces in Aberdeen as part of the delivery of a Food Growing Strategy. With the EcoCity awards expanded to include a food growing category.	Ongoing initiative
Procurement	Community benefits and sustainability	Lead	See section 5 of the required reporting.	Ongoing initiative

