
To: ENVIRONMENT POLICY BOARD

On: 9 NOVEMBER 2016

**Report by: DIRECTOR OF COMMUNITY RESOURCES AND
DIRECTOR OF DEVELOPMENT & HOUSING**

Heading: PUBLIC SECTOR CLIMATE CHANGE DUTIES REPORTING 2015/16

1. Summary

- 1.1. To comply with the requirements of the Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland), Renfrewshire Council is required to prepare an Annual Report, detailing progress in helping to mitigate and adapt to climate change.
 - 1.2. Renfrewshire Council's Public Sector Climate Change Duties Reporting for 2015/2016 is attached at Appendix 1.
-

2. Recommendations

- 2.1 It is recommended that the Environment Policy Board approves the content and submission of Renfrewshire Council's first mandatory Public Sector Climate Change Duties report for 2015/16.
-

3. Background

- 3.1 In 2007, all 32 local authorities in Scotland signed up to Scotland's Climate Change Declaration. Signatories to the Declaration acknowledging the importance of climate change and were committed to:
 - Mitigating their impact on climate change through reducing greenhouse gas emissions;

- Taking steps to adapt to the unavoidable impacts of a changing climate; and
 - Working in partnership with their communities to respond to climate change.
- 3.2 The Declaration recognised that Scottish local authorities play a key role in helping to tackle the challenges of climate change. Signatories to Scotland's Climate Change Declaration have been committed to preparing an Annual Report, detailing progress in mitigating and adapting to climate change. Importantly, it has provided a mechanism for the public sector to lead by example in addressing climate change.
- 3.3 In November 2015 the Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) came into force. This requires all public bodies classed as 'major players' to submit a climate change report using a standard template by 30 November 2016 (for 2015/16) and each year thereafter.
- 3.4 The climate change report submitted in November 2016 for 2016/16 will be the first mandatory submission by Renfrewshire Council, as required by public bodies that are seen as 'major players'.
- 3.5 In previous years Renfrewshire Council's annual climate change report was made on a voluntary basis and submitted to the Planning and Property Policy Board for noting. As this is the Council's first mandatory submission the report requires to be submitted for approval by the Council's Environment Policy Board.
- 3.6 Renfrewshire Council's annual report for 2015/16 is attached and will be submitted, following approval by the Environment Policy Board, to the Sustainable Scotland Network on 30th November, 2016. It will also be available on the following web site: <http://climatechange.sustainable-scotland.net/>.

4. Duties of Public Bodies Reporting – Overview

- 4.1 The introduction of required reporting is intended to help with Public Bodies Duties compliance, engage leaders and encourage continuous improvement. The Scottish Government, through the Sustainable Scotland Network, has developed a standardised reporting template which will assist in providing accurate and consistent performance information to inform the direction of future policy, legislation, funding and support services.
- 4.2 For public sector bodies, reporting on climate change activity is considered good practice as it:
- Increases accountability and transparency, making it easier for the public to understand how Renfrewshire Council is performing in climate change areas;
 - Assists with integrating climate change objectives in corporate business plans and embeds climate change action in all services; and

- Assists with establishing a climate change reporting hierarchy and the mainstreaming of climate change within organisation decision making.

4.3 The reporting duties cover six main areas:

- A brief **Organisation Profile** covering the number of staff, budget and organisational context;
- A section on **Governance and Management** which explains how climate change is governed, managed and embedded in the organisation and identifies its key strategies and priorities;
- A section on **Emissions, Targets and Projects** which reports the key statistical data, performance targets and climate change projects;
- An **Adaption** section explains how risk is managed and assessed and the actions taken to adapt to climate change;
- The reporting requirements also cover the organisations **Procurement** policies and how they contribute to compliance with climate duties and how procurement activity contributes to compliance in climate change duties;
- A final section addresses the **internal and external validation** processes undertaken by the organisation in terms of its climate change duties.

5. Renfrewshire Council's Annual Report 2015/2016 - Summary

5.1 A summary of highlights from Renfrewshire's report is provided below.

Corporate Emissions, Targets and Project Data

- 5.2 The Council has prepared its 3rd Carbon Management Plan for the period 2014 – 2020. A challenging target of 36% emissions reduction based on the 2012/13 baseline has been set. A 14.1% reduction in corporate emissions has been achieved to date through a range of projects including: improved waste segregation; a reduction of waste to landfill; the installation of photovoltaic cells on primary and secondary schools as an alternative renewable energy resource using sunlight.

Adaptation

- 5.3 The Council's Risk Management process considers the risks associated with flood risk, waste management, energy and carbon management and planning for adverse weather.
- 5.4 The Council has continued to work closely with SEPA to improve Renfrewshire's flood data providing the basis for the emerging Clyde and Loch Lomond Flood Risk Management Plan. Renfrewshire's Local Development Plan provides a policy framework for the implementation of sustainable measures through the Local Green Network, River Basin Management Planning and promoting the use of sustainable urban drainage in developments.

- 5.5 Adaptation action has been delivered through the implementation of the final phase of the North Renfrew Flood Prevention Scheme and the improvements in the energy efficiency of the Council's housing stock through the Home Energy Efficiency Programme for Scotland.

Procurement

- 5.6 The key policies that outline the commitment and key actions contributing to climate change duties include the Corporate Procurement Strategy, the Sustainable Procurement Strategy and the Corporate Social Responsibility Policy.
- 5.7 The Council specifies climate change adaptation contractual obligations in its Terms and Conditions for suppliers. A range of contracts awarded demonstrate an integrated approach to sustainability.

Implications of the Report

1. **Financial** – None.
2. **HR & Organisational Development** – None.
3. **Community Planning**

Children and Young People –

Community Care, Health & Well-being –

Empowering our Communities –

Greener - The Scotland's Climate Change Declaration report demonstrates how the Council and its Community Planning Partners promote the principles of sustainable development and how they are providing a framework to deliver an integrated green infrastructure across the Council.

Jobs and the Economy –

Safer and Stronger -

4. **Legal** – None.
5. **Property/Assets** – None.
6. **Information Technology** – None.

7. **Equality & Human Rights** - The recommendations contained within this report have been assessed in relation to their impact on equalities and human rights. No negative impacts on equality groups or potential for infringement of individuals' human rights have been identified arising from the recommendations contained in the report because it is for noting only. If required following implementation, the actual impact of the recommendations and the mitigating actions will be reviewed and monitored, and the results of the assessment will be published on the Council's website.
8. **Health & Safety** – None.
9. **Procurement** – None.
10. **Risk** – None.
11. **Privacy Impact** – None.

List of Background Papers: None

Author: Oliver Reid, Head of Public Protection
Tel: Tel 0141 618 7352
e-mail: oliver.reid@renfrewshire.gcsx.gov.uk

Appendix 1

Renfrewshire Council Public Sector Climate Change Duties Reporting 2015-2016



1 Organisational Profile

Name of the organisation	Renfrewshire Council
Type of organisation	Local Authority
Number of FTE staff in the organisation	6640
Alternative metrics used by the organisation	n/a
Overall net budget revenue of the organisation 2015/16	£377,575,000
Report Year	Financial year 2015/16
Organisational context	Renfrewshire Council is a Local Authority located in the west of Scotland which has a wide range of statutory functions and responsibilities. It is the 9th largest Council by area with a population of over 174,000, or 3% of the Scottish population. As well as its administrative role, the Council is responsible for a significant estate including a portfolio of over 260 buildings and an extensive area of land within its ownership. It is one of the largest employers in Renfrewshire. The Council's contribution to emissions comes primarily from heating and lighting of its buildings, street lighting, amenity services relating to waste management, staff mileage and the Council's own vehicle fleet.

2 Governance, Management and Strategy	
Governance and Management 2a. How is climate change governed in the organisation? Renfrewshire Council and Boards The Council’s agreed framework for decision making and policy development is based on a series of policy boards. In addition to the Leadership Board, Audit, Scrutiny and Petitions Board and Regulatory Functions Board the Council also operates the following policy boards that reflect policy priorities rather than Council service structures. The policy boards are: • Economy and Jobs Policy Board • Education and Children Policy Board • Environment Policy Board • Finance and Resources Policy Board • Housing and Community Safety Policy Board • Planning and Property Policy Board • Procurement Sub-committee Each of these policy boards will have initiatives that contribute to the Council’s work on adaptation and reducing its carbon emissions. In particular activity relating to the Carbon Management Plan, biodiversity, development and sustainable development falls within the remit of the Planning and Property Board. Matters relating to sustainable procurement are reported to the Finance and Resources Board. Matters relating to waste management, transportation and flooding are reported to the Environment Policy Board. The Environment Policy Board has the delegated authority for decision making on climate change. The Convener of the Environment Policy Board, is also convener of the Community Planning Partnership Greener Renfrewshire Thematic Board (a Community Planning Partnership Thematic Board). Renfrewshire Community Planning Partnership In Renfrewshire, the Community Plan sets out a ten year vision and is reviewed, along with the Local Outcome Improvement Plan on a rolling three year basis. Partners have agreed to the principle of keeping governance arrangements simple and straight forward. Each of the six community planning thematic boards have responsibility for driving forward a key community planning theme. Political oversight and senior partner representation is a key	

feature of all boards. The boards are at the heart of Renfrewshire's community planning arrangements and drive and coordinate the work of all partners in the community planning partnership.

The Greener Renfrewshire Thematic Board has responsibility for co-ordinating and driving multi-agency activity to ensure the achievement of the long term vision that: 'Renfrewshire will be a clean and attractive location, providing a healthy, inviting and pleasant environment in which to live, work and do business through the promotion of sustainable patterns of travel and development, the efficient management of energy and the treatment of waste as a valuable resource.'

To ensure its long term vision the Greener Renfrewshire Thematic Board is supported by three sub-groups, each led by relevant partners and supported by key officers. These are the Greener Communities sub-group; Greener Transport sub-group; and Carbon Management sub-group.

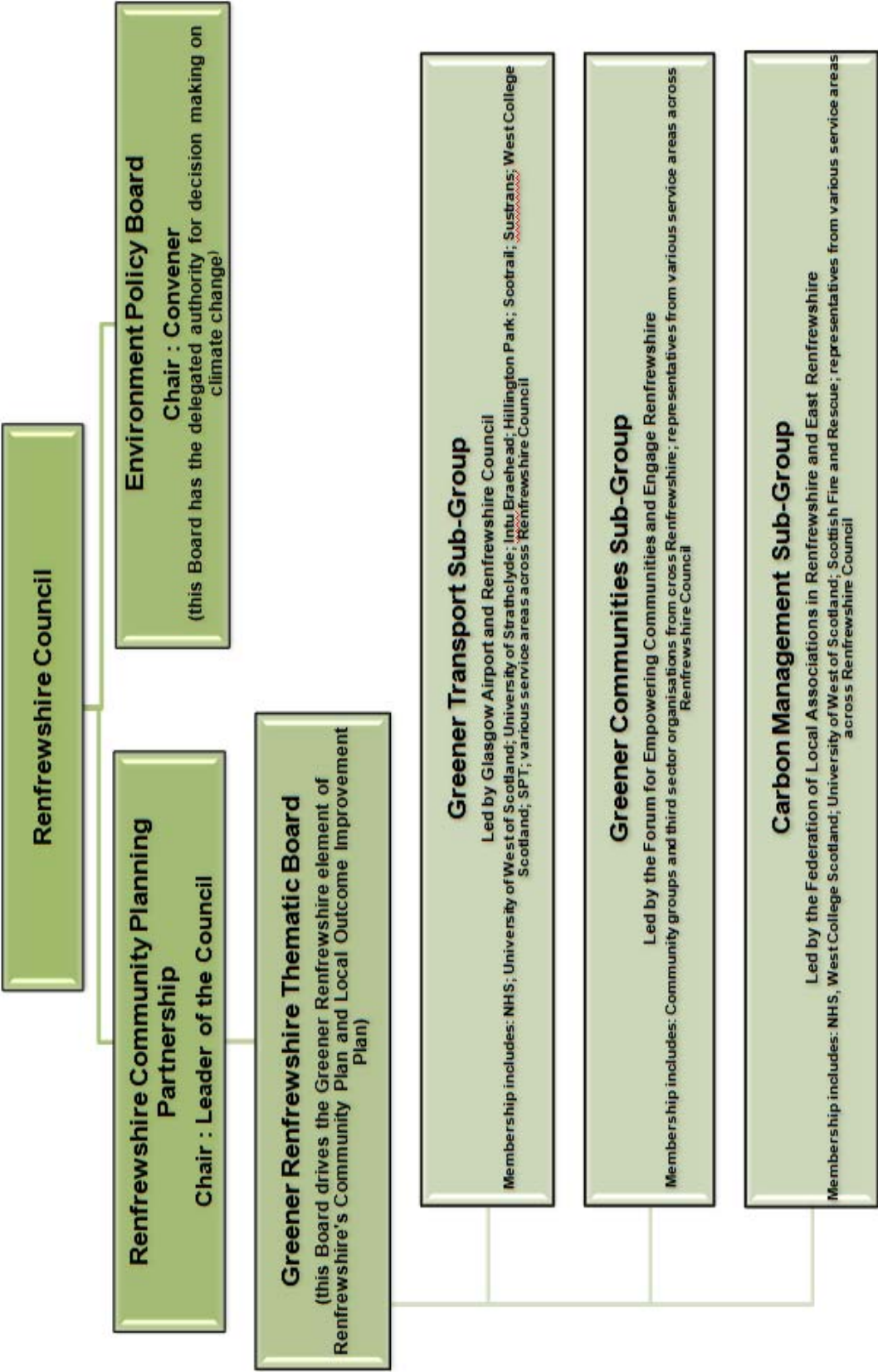
Renfrewshire Local Area Committees

Renfrewshire Council has five Local Area Committees (LACs) which act as a focus for community consultation and allocate a wide range of grants and funds. LACs are statutory committees of the Council that meet on a quarterly basis and are designed to let residents see and influence how services are operating in the community and have the power to take decisions on matters such as making grants. Local initiatives promoting sustainable development and activities such as Growing Grounds, or environmental improvements that will enhance sustainability often benefit from LAC grants.

Other Groups

The Council currently has several internal governance groups in place that work towards promoting emissions reductions. They report to appropriate boards on a range of matters relating to Climate Change Adaptation as and when required.

Governance Structure



2b. How is climate change action managed and embedded in the organisation?	
Corporate Management Team (CMT)	The Council's Corporate Management Team (CMT) provides strategic direction to Council officers and is chaired by the Council's Chief Executive and includes all Council Directors, the Chief Executive of Renfrewshire Leisure (RL) and the Health & Social Care Partnership and other key senior Council staff and meets on a regular basis. Although matters relating to climate change adaptation and mitigation are not the sole remit of this group, issues such as performance in relation to the Community Plan and Local Outcome Improvement Plan and Sustainable Procurement are all considered by the CMT on a regular basis. The CMT also oversees the work of other specific officer groups whose remit includes Climate Change adaptation and mitigation : 1. Strategic Asset Management Group: High level group that meets to discuss and progress corporate asset performance, including energy management. Other projects are discussed including the Carbon Management Plan as well as Capital expenditure projects. 2. Carbon Management Plan Working Group: A group that meets quarterly to monitor the consumption of energy, water, street lighting, waste and transport fleet for the Council's estate and to implement reduction targets. Twice a year the focus of the group is the Carbon Management Plan and the Group Monitors progress towards the target of a 36% reduction in CO₂ emissions by 2019/20 based on a 2012/13 baseline. Updates from this group are reported to the Property Services Senior Management Team convened by the Director of Development and Housing. 3. Fuel Poverty Steering Group: A group that meets regularly to discuss ways in which fuel poverty can be reduced. Membership is cross service and includes representatives from other agencies such as the Citizens' Advice Bureau and the Home Energy Scotland (HES). Climate Change considerations are embedded throughout the Council through the following: • The Council has used the CCAT (Climate Change Assessment Tool) which will help to foster cross-organisational engagement and assessment (see Section 2g). • The Carbon Management Plan contains specific objectives to reduce emissions that are included in the Council's other corporate and strategic documents, including the Council's Plan - 'A Better Council, A Better Future 2014 -2017'. • Through the Council's procurement service, sustainability and community benefits are considered in the development of all contract strategies.

The Sustainability Test has been designed to identify and prioritise the impacts of procurement across the 3 strands of Sustainable Procurement – Social, Economic & Environmental. - The Council's Energy Management Team organise a range of events and awareness raising activities for staff relating to emissions reduction and energy saving throughout the year and across Council services. - The Council continues to participate in Earth Hour annually which helps to raise awareness to staff of the need to reduce emissions and increase sustainability.
--

Strategy			
2c. Does the organisation have specific climate change mitigation and adaption objectives in its corporate plan or similar document?			
Objective	Name of Document	Link	
We want the Council to play its part in tackling climate change by focusing on reducing energy use and carbon emissions across all aspects of our operations, making sure that the majority of waste collected is recycled and working with our partners to make Renfrewshire's economy and communities as sustainable as possible.	Renfrewshire Council Plan "A Better Future, A Better Council" 2016-17	http://www.renfrewshire.gov.uk/media/1099/A-Better-Future-A-Better-Council-20162017/pdf/CouncilPlanDec2015.pdf	
Renfrewshire Council has set a target to reduce its total annual carbon footprint by 19,389 tCO2e by the end of financial year 2019/20, this equates to a reduction of 36%.	Renfrewshire Council Carbon Management Plan 2014/15-2019/20. Section 2, page 19,	http://www.renfrewshire.gov.uk/media/1767/Carbon-Management-Plan-2014-2020/pdf/CarbonManagementPlan2014-2020.pdf	
By 2021 no waste generated within	Renfrewshire Council, Community	http://www.renfrewshire.gov.uk/media/2137/Community-	

Renfrewshire will be sent directly to landfill without prior treatment and less than 5% of all waste collected will be landfilled. By 2020 60% of waste collected will be recycled and this shall increase to 70% by 2025.	Resources Service Improvement Plan 2016 – 2019,	Resources-Service-Improvement-Plan-2016-2019/pdf/CRServiceImprovementPlan2016-19.pdf
25% reduction in households experiencing fuel poverty.	Renfrewshire Local Outcome Improvement Plan, A Greener Renfrewshire, Page 40,	http://www.gov.scot/Resource/0043/00435444.pdf

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

No

(Although the Council does not have a specific Climate Change Policy or Strategy in place, the ethos of these are incorporated into all relevant policies and strategies agreed across the Council.

The Council's Carbon Management Plan 2014/15–2019/20 is an ambitious plan that will reduce Council energy use, reduce climate change emissions and have a positive impact on our financial management).

2e. Does the organisation have any plans or strategies covering the following areas that include climate change?

Topic Area	Name of document	Link	Time period covered	Comments
Adaptation	Clyde & Loch Lomond Flood Risk Management Strategy	http://apps.sepa.org.uk/FRMStrategies/clyde-loch-lomond.html	To 2020	

Topic Area	Name of document	Link	Time period covered	Comments
	Renfrewshire's Sustainable Food Strategy	-	-	
Business Travel	Carbon Management Plan	http://www.renfrewshire.gov.uk/article/3246/Carbon-Management-Plan-2014-2020	2014/15-2019/20	
Staff Travel	Carbon Management Plan	http://www.renfrewshire.gov.uk/article/3246/Carbon-Management-Plan-2014-2020	2014/15-2019/20	
Energy efficiency	Carbon Management Plan	http://www.renfrewshire.gov.uk/article/3246/Carbon-Management-Plan-2014-2020	2014/15-2019/20	
Fleet transport	Carbon Management Plan	http://www.renfrewshire.gov.uk/article/3246/Carbon-Management-Plan-2014-2020	2014/15-2019/20	
Information and communication technology	-	-	-	
Renewable Energy	-	-	-	
Sustainable / Renewable Heat	-	-	-	
Waste Management	Carbon Management Plan	http://www.renfrewshire.gov.uk/article/3246/Carbon-Management-Plan-2014-2020	2014/15-2019/20	
Water and sewerage	Carbon Management Plan	http://www.renfrewshire.gov.uk/article/3246/Carbon-Management-Plan-2014-2020	2014/15-2019/20	

Topic Area	Name of document	Link	Time period covered	Comments
Air Quality	Paisley Town Centre Air Quality Action Plan	The Council has a statutory duty to regularly review and assess air quality within its area to ensure that it is meeting the requirement of Government legislation with the aim of providing a clean, safe environment where everyone has air that is fit to breathe. Monitoring of air quality identified exceedances of statutory air quality objective levels throughout Paisley town centre and resulted in an Air Quality Management Area (AQMA) being declared across Paisley town centre in 2009. The Paisley Town Centre Air Quality Action Plan was then developed and published in 2014 detailing action measures proposed to improve air quality within the AQMA. The majority of action measures have now been implemented and an update of the Plan will be undertaken during 2016/17. Further information on air quality within Renfrewshire and details of the Council's annual air quality progress reports can be found at http://www.renfrewshire.gov.uk/airquality	2009-2015	Monitoring of air quality identified exceedances of statutory air quality objective levels throughout Paisley town centre which resulted in an Air Quality Management Area (AQMA) being declared across Paisley town centre in 2009.

Topic Area	Name of document	Link	Time period covered	Comments
Land Use	Renfrewshire Local Development Plan	The Renfrewshire Local Development Plan sets out the spatial strategy that facilitates investment and guides the future use of land in Renfrewshire. Its policy statements provide a framework for decision making to ensure that development and changes in land use are appropriate. With a focus on supporting sustainable economic growth, the Local Development Plan identifies opportunities for change, regeneration and enhancement, directing developments to locations that are economically, socially and environmentally sustainable. In doing so, this strategy supports measures for the reduction, mitigation and adaption to climate change along with the promotion of a low carbon economy. http://www.renfrewshire.gov.uk/wps/wcm/connect/e9fdf04c-9b46-44da-afb0-c9aa55575bfc/RenfrewshireLocalDevelopmentPlan2014_14%28forweb%29+141021.pdf?MOD=AJPERES The LDP sets out the strategy, priorities and principles for development in Renfrewshire and the detailed development criteria for the assessment of proposals is contained within the New Development Supplementary Guidance. Both documents outline what developers need to do in designing, delivering and implementing development, with an emphasis on sustainable development and place making. http://www.renfrewshire.gov.uk/wps/wcm/connect/c6513527-ef91-4205-869b-06f49502749c/LDP_SupplementaryGuidance2014_13.pdf?MOD=AJPERES	2014-2019	

Topic Area	Name of document	Link	Time period covered	Comments
	Local Housing Strategy	The Local Housing Strategy sets out how the Council and partners intend to jointly meet housing need and demand across all housing tenures in Renfrewshire. The strategy sets out the strategic vision taking account of national priorities, identifies how the standard of housing will be improved, and provides clear direction for housing investment over the next five years. The Local Housing Strategy is currently under review and a draft LHS was subject of public consultation from November 2015 to March 2016. It is anticipated that a finalised document will be available later in 2016. Seven strategic outcomes are identified in the Draft Local Housing Strategy, including' Outcome 4: Homes are fuel efficient and fuel poverty is minimised'. Climate change and adaptation are considered in conjunction with reducing Fuel Poverty and improving the energy efficiency of Housing Stock. http://www.renfrewshire.gov.uk/webcontent/home/services/council+and+government/council+information%2C+performance+and+statistics/council+policies+and+plans/hp-mc-localhousingstrategy	2016 - 2021	
Other (state topic area covered in the comments)	Renfrewshire Community Plan 2013-2023	Renfrewshire Community Plan 2013 – 2023 provides the vision of communities, public services and business organisations making Renfrewshire a fairer, more inclusive place. The community Partnership recognise the importance of climate change and have agreed to work together to reduce carbon emissions. http://www.renfrewshire2023.com/community-planning/	2013-2023	

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

Renfrewshire Council is committed to developing and refining its management response to climate change. Climate change management and governance are key objectives and priorities in the following documents:

1. Renfrewshire's Carbon Management Plan 2014/15 – 2019/20. The Council has set a target to reduce its carbon footprint by 19,389 t CO₂e (36%) by the end of the financial year 2019/20, building on the reduction of 28% that was achieved through the previous CMP. A range of projects have been identified to achieve this ambitious target focusing on:

Upgrade to Efficiency – continuing to upgrade inefficient buildings and replace inefficient appliances.

Build Better – all new buildings to be sustainably designed and resource efficient through adherence to 'Renfrewshire Councils Sustainable Building Design' document.

Move to clean power – continue with the purchase or generation of electricity from renewable sources.

Fuel efficient transport – continued investment in cleaner vehicles.

Waste – increase recycling rates from domestic properties and reduce the quantity of waste being sent to landfill.

Street lighting – implement the council's £11m investment programme for LED street lighting across Renfrewshire. The investment programme has three phases and will be completed by Spring 2017.

Procurement – continue with, and expand the criteria for the procurement of products that use less energy, last longer and are good for the environment.

Awareness – create a culture of awareness across the organisation through all the areas covered under this Carbon Management Plan.

<http://www.renfrewshire.gov.uk/wps/wcm/connect/dd94b7bc-1f72-47ed-9725-4f97af9542cd/fcs-CarbonMgmtPlan2014-2020.pdf?MOD=AJPERES>

2. Completion of the Renfrew North Flood Prevention Scheme. The final phase of the Renfrew Flood Prevention Scheme was completed earlier this year through construction of a pumping station adjacent to Ferry Road. Completion of this scheme concludes a £10m investment which will protect over 300 properties from a 1 in 200 tidal flood event.

[North Renfrew flood prevention scheme: Infrastructure development on Glasgow's River Clyde - Clyde Waterfront](#)

3. Renfrewshire Community Plan 2013 – 2023: The Council will continue to work with its Partners in order to achieve the outcomes identified in the Community Plan. The Greener Renfrewshire thematic group aims to create clean and attractive location, providing a healthy, inviting and pleasant environment in which to live, work and do business through the promotion of sustainable patterns of travel and development, the efficient management of energy and the treatment of waste as a valuable resource.

<http://www.renfrewshire2023.com/wp-content/uploads/2013/11/CommunityPlan1.pdf>

4. Renfrewshire Local Development Plan: The Renfrewshire Local Development Plan sets out the spatial strategy that facilitates and guides the future use of land in Renfrewshire. It has a focus on supporting sustainable economic growth, and identifies opportunities for change, regeneration and enhancement, directing developments to locations that are economically, socially and environmentally sustainable. The strategy supports measures for the reduction, mitigation and adaption to climate change along with the promotion of a low carbon economy.

http://www.renfrewshire.gov.uk/wps/wcm/connect/e9fdf04c-9b46-44da-afb0-c9aa55575bfc/RenfrewshireLocalDevelopmentPlan2014_14%28forweb%29+141021.pdf?MOD=AJPERES

5. Regeneration: The Council is seeking to promote sustainable regeneration of Renfrewshire through several significant projects. These will be a strategic focus for the Council and partner organisations for the foreseeable future and include:

City Deal – Renfrewshire is one of eight councils signed up to the £1.13bn Glasgow and Clyde Valley City Deal. Three City Deal projects, with a combined spend of £274m, will take place in Renfrewshire: an airport access project connecting the airport with Glasgow Central and Paisley Gilmour Street stations; construction of a new bridge over the Clyde at Renfrew; and improvement infrastructure and environmental improvements in the Glasgow Airport Investment Area.

City of Culture: Paisley is bidding to be UK City of Culture in 2021. The next step is the formation of a cultural partnership featuring the council, local business and other key bodies from the community to deliver the bid together which is to be submitted in 2017. The benefits from the bid will be felt beyond Paisley.

<http://www.renfrewshire.gov.uk/article/2048/Priority-1-Physical-and-economic-regeneration>

2g. Has the organisation used the Climate Change Assessment Tool (a) or equivalent tool to self assess its capability/performance?	Renfrewshire Council's Energy Management Unit helped to develop the CCAT tool for use by other LA's. As such, our initial scores are as follows and were achieved using the CCAT prototype in December 2014: • Governance = 50% • Mitigation = 95% • Adaptation = 17% • Behaviour Change = 46%
--	--

2h.Supporting information and best practice?	The Greener Renfrewshire Thematic Board has responsibility for co-ordinating and driving multi-agency activity to ensure the achievement of the long term vision that: 'Renfrewshire will be a clean and attractive location, providing a healthy, inviting and pleasant environment in which to live, work and do business through the promotion of sustainable patterns of travel and development, the efficient management of energy and the treatment of waste as a valuable resource'. There are three sub-groups to the Greener Renfrewshire Thematic board: Greener Transport; Greener Communities; and Carbon Management. These sub groups have representatives from across the Community Planning Partnership; third sector organisations; and the private sector. Each of these sub groups has developed an action plan which drives forward the key priorities and outcomes of the Greener element of Renfrewshire's Community Plan. The progress of these action plans and the related performance measures from the Local Outcome Improvement Plan are monitored on a regular basis through the Greener Renfrewshire Thematic Board and Renfrewshire's Community Planning Partnership Board.
--	--

3. Corporate Emissions, Targets and Project Data

Emissions

3a. Corporate emissions from start of baseline year to end of report year

Reference Year	Year	Scope 1 (natural gas, gas oil and diesel)	Scope 2 (electricity)	Scope 3 (waste, water, business travel)	Total	Units	Comments
Baseline Carbon footprint	2012/13	19749	19521	14259	53529	tCO2e	Scope 2 emissions include electricity for buildings and street lighting
Year 1	2013/14						The year 2013/14 was the final year of our old CMP. Therefore, no data included
Year 2	2014/15	16955	19441	9579	45975		This is the first year of the CMP, using 2012/13 as the baseline year

3b. Breakdown of emissions sources

Emission Source	Scope	Consumption Data	Units
Grid Electricity (generation)	Scope 2	22628705	kW
Grid Electricity (transmission & distribution losses)	Scope 3	22628705	kW
Natural Gas	Scope 1	56981936	kW
Burning Oil	Scope 1	153617	Litres
Water – Supply	Scope 3	413328	M3
Water – Treatment	Scope 3	413328	M3
Petrol	Scope 1	35992	Litres
Diesel	Scope 1	1328370	Litres
Grid Electricity (generation)	Scope 2	14513955	kW
Grid Electricity (transmission & distribution losses)	Scope 3	14513955	kW
Business Travel – Car	Scope 3	1594963	Miles

3c. Generation, consumption and export of renewable energy					
Renewable Electricity			Renewable Heat		
Technology	Total consumed by the organisation (kWh)	Total exported (kWh)	Total consumed by the organisation (kWh)	Total exported (kWh)	
Solar PV	162119	-			
Biomass	-	-	2,296,950	1,722,200	

Targets										
3d. Organisational targets										
Name of target	Type of target	Target	Units	Boundary/ scope of target	Progress against target	Year used as base line year	Base line figure	Units of base line	Target completion year	Comments
Carbon Mgt Plan	absolute	19,389 (2015/16)	Reduction tCO2e	All emissions	10904	2012/13	53,515	tCO2e	2019/20	Reported to Planning & Property Policy Board 6 monthly
Co2 emissions from public vehicle fleet	reducing	3,171 (2015/16)	tCO2e	All emissions from the public vehicle fleet	3,536	2013/14	3,523	tCO2e	2023	Monitored as part of the Local Outcome Improvement Plan

Co2 emissions from public space lighting	reducing	6,720 (2015/16)	tCO2e	All emissions from public space lighting	6,482	2012/13	7,647	tCO2e	2023	Monitored as part of the Local Outcome Improvement Plan
--	----------	-----------------	-------	--	-------	---------	-------	-------	------	---

Projects and changes
3e. Estimated total annual carbon savings from all projects implemented by the organisation in the report year

Emissions Source	Total estimated annual carbon savings (tCO ₂ e)				Comments				
Electricity	434				Hot water controls (pumps); internal/external; LED lighting in public buildings; PV installations				
Natural Gas	1105				Boiler replacements; hot water controls; BMS (Additional gas CO2 was put against properties that changed fuel from Oil)				
Other heating fuels	540				New boiler plants converting from oil to gas & or biomass				
Waste	0				There was a slight increase in carbon emissions from waste collection due to a higher volume of waste collected.				
Water and sewerage	44				Identification and repairs of burst pipes.				
Business Travel	0				-				
Fleet Transport	36				-				
Other (specify in comments)	-				-				

3f. Detail the top 10 carbon reduction projects implemented by the organisation in the report year

Project Name	Funding Source	First full year of CO2e savings	Are these savings estimated or actual?	Capital Cost (£)	Operational cost (£ / annum)	Project lifetime (years)	Primary fuel / emission source saved	Estimated costs savings (£/annum)	Comments
Secondary Hot Water Controls	Internal	616 tonnes	estimated	340,000		20	gas	£95,000	Savings include savings from: kW, CCL & CRC
BMS Bureau Service	internal	552 tonnes	estimated		£45,000	5	gas	£85,000	Savings include savings from: kW, CCL & CRC
LED External Lighting	internal	95 tonnes	estimated	£111,000		20	electricity	£22,000	Savings include savings from: kW, CCL & CRC

3f. Detail the top 10 carbon reduction projects implemented by the organisation in the report year

Biomass Boilers	internal	410 tonnes	estimated	£600,000	20	oil	£31,000	Savings include savings from: kW, CCL & CRC. Savings do not include an estimated £39,000 per year income from RHI
-----------------	----------	------------	-----------	----------	----	-----	---------	---

3g. Estimated decrease or increase in emissions from other sources in the report year

Emissions source	Total estimated annual emissions (tCO ₂ e)	Increase or decrease in emissions	Comments
Estate changes	1,358	Decrease	Due to transfer of properties to Cultural Trust
Service provision	/	/	/

3h. Anticipated annual carbon savings from all projects implemented by the organisation in the year ahead	
Emissions source	Total estimated annual carbon savings (tCO ₂ e)
Electricity	429
Natural gas	182
Other heating fuels	498
Waste	238
Water and sewerage	2
Business Travel	4
Fleet Transport	117

3i. Estimated decrease or increase in emissions from other sources in the year ahead			
Emissions source	Total estimated annual emissions (tCO ₂ e)	Increase or decrease in emissions	
Estate changes	1,033	Decrease	Due to transfer of Properties to Cultural Trust
Co2 emissions from public space lighting	tbc	Decrease	LED replacement programme
Total	tbc	-	-

3j. Total carbon reduction project savings since baseline year			
Total savings	Total estimated emissions savings (tCO ₂ e)	Comments	
Total project savings since baseline year	10904		

3k. Further Information
The Council's Carbon Management Plan is available at: http://www.renfrewshire.gov.uk/media/1767/Carbon-Management-Plan-2014-2020/pdf/CarbonManagementPlan2014-2020.pdf

4. Adaptation

Assessing and managing risk
4a. Has the organisation assessed current and future climate related risks? Current Risks 'Risk Matters' is the Council's combined risk management policy strategy and strategy. In keeping with Risk Matters, the Council has a corporate risk register, each service department has its own risk management plan and there is an annual risk management report presented to the Audit, Scrutiny and Petitions Board each year. The most recent report describes the corporate-led risk management activity that has taken place during 2015/16 in relation to the council's risk management arrangements and strategic risk management objectives. Climate related risks and vulnerabilities are considered in some detail, although the Council has not yet completed Adaptation Scotland's 'Five Steps to Managing Your Climate Risks'. The Council's Corporate Risk Register is approved by the Finance and Resources Policy Board each year and is monitored on an ongoing basis by the

Assessing and managing risk	4a. Has the organisation assessed current and future climate related risks? Corporate Risk Management Group. The current corporate risk register was approved on 18 May 2016 and is linked below. Risk 7 relates to 'Climate change, sustainability and adaptability.' This corporate risk is currently assessed as a moderate risk and is owned by the Director of Development and Housing Services. In managing this risk the following is noted within the Corporate Risk Register: • The Council has used the Climate Change Assessment Tool – helps public sector organisations in Scotland self-evaluate their performance under the public sector duties of the Climate Change (Scotland) Act 2009 • The Carbon Management Plan has specific objectives to reduce emissions and these are included in other key documents such as the Council Plan • Implementation of the Corporate Asset Management Strategy ensures that property assets are managed effectively and efficiently through the provision of relevant management and performance information • The Energy Management Team: - o ensure energy management initiatives are aligned to the capital investment programme and corporate asset strategy to optimise use of property estate and reduce overall running costs and energy consumption levels - o promote reductions in energy usage and advise employees and residents about energy efficiency • Through the Procurement Unit, sustainability and community benefits are considered in the development of all contract strategies http://renfrewshire.cmis.uk.com/renfrewshire/Document.aspx?czJkcaeAi5tUFL1DTL2UE4zNRBcoShgo=iv6jusXSujenA3QeD7yoZ%2bkvMCg3hCDUj3IYA_PHLJhxFAQzw1SeoPyg%3d%3d&rUzwRPf%2bZ3zd4E7Ikn8Lyw%3d%3d=pwRE6AGJFLDNIh225F5QMaQWCTPHwdhUfCZ%2fLUQzgA2ul5jNRG4jdQ%3d%3d&mCTIbCubSFFxsDGW9IXnlg%3d%3d=hFfIUdN3100%3d&kCx1AnS9%2fpWZQ40DXFvEw%3d%3d=hFfIUdN3100%3d&uIovDxwdjMPoYv%2bAJvYtYA%3d%3d=ctNJff55vVA%3d&FgPIIEJYlotS%2bYGoBi5oIA%3d%3d=NHdURQburHA%3d&d9Qij0ag1Pd993isyOJqFvmyB7XOCsqK=ctNJff55vVA%3d&WGwmoAfeNR9xqBux0r1Q8Za60lavYmz=ctNJff55vVA%3d&WGwmoAfeNQ16B2MHuCPMRKZMwaG1PaO=ctNJff55vVA%3d Service department risk management plans reflect the relevant risks specific to each service department. These plans are also approved on an annual basis by the relevant Policy Board and are monitored by service management teams. In relation to climate related risk: • the Community Resources service risk management plan covers waste management, planning for adverse weather, flood risk management, roads, lighting and structures maintenance, cycling and road safety, and incident response and management • the Development and Housing service risk management plan covers planning and development activity
---	--

Assessing and managing risk 4a. Has the organisation assessed current and future climate related risks?	the Finance and Resources service risk management plan covers energy and carbon management, and property and infrastructure management Future Risks The Corporate Risk Management Group meets quarterly in order to review the Council's Risk Register and monitor progress being made with regard to identified risks. In addition to the quarterly meetings, two special focus meetings are held each year specifically to consider and identify any new emerging potential future risks which would include those relating to weather, climate, flood risk management, business continuity and civil contingencies. A mechanism is in place, therefore, for full consideration corporately of current risks and identification and inclusion of future risk.
4b. What arrangements does the organisation have in place to manage climate related risks?	Renfrewshire Council has a proactive approach to managing current and future risks associated with climate change. Flood Risk Assessment and Resilience The Council is a member of the Clyde & Loch Lomond Flood Risk Management area. In June 2016, the first Flood Risk Management Plan was published for this area and presented to the Environment Policy Board in August 2016., Through a partnership involving Scottish Water, SEPA and 13 local authorities, priorities across the area have been set with regard to detailed study to address future flood risk. Within Renfrewshire the priorities include a water catchment study for Erskine, Inchinnan, Linwood, Johnstone and Kilbarchan which will be led by Scottish Water and is due to commence in 2016. A number of other collaborative studies are proposed across Renfrewshire within the plan period which covers from now until 2022. It is anticipated that a consequence of the studies referred to above, flood alleviation measures will emerge. Where these involve capital projects, bids will be made against centrally held capital funds in future years to progress delivery.

4b. What arrangements does the organisation have in place to manage climate related risks?

Flood risk consideration is embedded across the council with impact to development management and the planning and management of the Council's assets.

The Council has emergency response arrangements in place for severe weather events and works corporately to protect people and properties across Renfrewshire.

Completion in 2016 of the North Renfrew Flood Scheme has been a major achievement. Over 300 properties previously at risk from tidal surge are now fully protected.

Metropolitan Glasgow Strategic Drainage Plan -

The Metropolitan Glasgow Strategic Drainage Plan and Partnership has worked in parallel to the Clyde & Loch Lomond Flood Risk Management Area. It involves local authorities and partners across the metropolitan area and a key project has been the progression of sewer upgrades led by Scottish Water.

Sewer capacity has been a constraint on development as well as posing increased flood risk. In Renfrewshire, a £20m investment in sewer capacity, on the south side of Paisley commenced in October 2016. When this 18 month capital project is complete, storm water overflow capacity from south Paisley into the River Cart will be significantly improved.

Air Quality

In recognition of the links between air quality and climate change, the Council has been actively involved in a number of initiatives to improve air quality and reduce emissions within Renfrewshire, and Paisley town centre in particular. Air quality is addressed corporately through the Paisley Town Centre Air Quality Plan developed following declaration of the Paisley Town Centre Air Quality Management Area. A Biomass Guidance Document has also been developed to address the increasing uptake of biomass as a source of energy for space heating, both domestically and commercially but to ensure that the benefits in terms of reducing CO2 emissions are not to the detriment of local air quality through increased emissions of PM10.

4b. What arrangements does the organisation have in place to manage climate related risks?

Strategic Planning

The Council contributes to the development of Clydeplan - the Strategic Development Plan (SDP) for the eight authorities within the Glasgow and Clyde Valley area. Clydeplan sets out a land use development strategy over the next 20 years; indicating where new development should be located and providing a policy framework to help deliver sustainable economic growth, shape good quality places and enhances the quality of life in the Glasgow and the Clyde Valley city region. Adaptation Scotland, the eight constituent authorities and Clydeplan staff have work closely to ensure that full consideration has been given to climate change adaptation and mitigation throughout the development the emerging SDP2. The approved SDP (2012) has now been reviewed and the following the public consultation on the new Proposed Plan, this document is now the subject of an Examination by the Department of Planning and Environmental Appeals. The Reporters' decision on Clydeplan is due in February 2017.

Renfrewshire Local Development Plan

The review of Renfrewshire's Adopted Local Development Plan (LDP) has now been initiated and a Main Issues Report is currently being prepared. The public consultation relating to this document is programmed for the autumn of 2016. The LDP establishes a spatial development strategy for the next 5 -10 years that balances requirements for new development and investment whilst protecting and enhancing the environment and it takes full account of adaptation through its policy framework. Provision has been made for promotion of the low carbon economy and mitigation and adaptation through sustainable urban drainage and flooding measures and improvements to the water environment. Planning policy has been informed by the Council's detailed flood mapping and it's Flood Management Strategy. The LDP policies and all proposed development sites were the subject of a Strategic Environmental Assessment (SEA). The Strategic Flood Risk Assessment will be reviewed as part of the preparation of the new Local Development Plan.

Regeneration

Regeneration is a central focus for the Council. A wide range of projects have been undertaken in order to improve Renfrewshire's economy and quality of life for its residents. The Council has recognised the need to take account of climate related risks to secure a sustainable approach to regeneration within Renfrewshire in order to protect its communities now and in the future. There are many examples, including, the implementation of a Surface Water Drainage Strategy at the former Royal Ordnance Factory at Bishopton, the largest and final phase of the North Renfrew Flood Prevention Scheme and the update of the Surface Water Management Plan for Johnstone South West Integrated Green Network in order to facilitate the delivery of the Community Growth Area.

Renfrewshire is one of eight councils signed up to the £1.13bn Glasgow and Clyde Valley City Deal. Three City Deal projects, with a combined spend of

4b. What arrangements does the organisation have in place to manage climate related risks?

£274m, will take place in Renfrewshire—including an airport access project connecting the airport with Glasgow Central and Paisley Gilmour Street stations and a new bridge over the River Clyde at Renfrew. Both projects will enhance the sustainability of Renfrewshire’s transport network and the new bridge seeks to secure the ongoing regeneration of Renfrewshire’s waterfront.

Biodiversity

The Nature Conservation (Scotland) Act 2004 created a duty on public bodies to further the conservation of biodiversity. In addition, the Wildlife and Natural Environment (Scotland) Act 2011 requires public bodies to publish a report every three years on the actions taken to meet biodiversity duty. The Renfrewshire Biodiversity Duty Report 2014 incorporates a policy statement, progress report for the period 2011-2014 and the Biodiversity Delivery Action Plan 2014-2017. The Council has made good progress in delivering improvements to biodiversity, particularly through the Local Green Network programme and in embedding biodiversity considerations in the Adopted Renfrewshire Local Development Plan’s use of the Green Network as a key component of its spatial strategy. This approach will be continued in the new Local Development Plan.

Forestry

The Council was involved in the development of the Forest and Woodland Strategy (FWS) for the Clydeplan area as part of the development of SDP2. The aim of The Strategy is to guide woodland expansion and management of woodlands in the Clydeplan area, providing a policy and spatial framework to optimise the benefits for the local economy, communities and the environment. The FWS identified priority locations for woodland management and expansion in the Clydeplan area which informed the Spatial Development Strategy of SDP2, thus setting the context for forest management and expansion at the local authority level. Renfrewshire Council’s woodland and forestry resource has been considered through the development of the Biomass Renfrewshire Feasibility Study. The Woodland Management Plan for Clyde Muirshiel Regional Park was completed in 2016. The Plan aims to promote the removal of non-native tree species and plantation woodland, the restocking of the Park with native species and their appropriate management.

4c. What action has the organisation taken to adapt to climate change?

Building Adaptive Capacity

Energy Champions

Over 30 staff have been trained in promoting energy efficiency measures. The Energy Champions will have a central role in awareness raising about emissions reductions measures throughout the Council and they will assist in achieving the targets set in the CMP. Energy and Carbon awareness campaigns are regular features, information on the Council's intranet regarding energy and carbon saving actions, staff induction training and the introduction of a suggestions scheme are some of the mechanisms being used to support the cultural change required to build adaptive capacity within Renfrewshire Council. This activity is monitored and progress is reported to the Climate Change working Group reviewed on a regular basis.

Training

The Council is an active member of the SSN and officers from relevant services have attended adaptation focused events. Officers have worked closely with Adaptation Scotland and Clydeplan in order to ensure that climate change resilience is at the core of the development of SDP2 and the Renfrewshire LDP.

Climate Related Risk Assessment

The Corporate Risk Management Group meets quarterly in order to review the Council's Risk Register and monitor progress being made with regard to identified risks. In addition to the quarterly meetings, two special focus meetings are held each year specifically to consider and identify any new emerging potential future risks which would include those relating to weather, climate, flood risk management, business continuity and civil contingencies. A mechanism is in place, therefore, for full consideration corporately of current risks and identification and inclusion of future risk.

Policies and Plans

The climate risks are addressed through the Renfrewshire LDP and emerging SDP2 Proposed Plan. The Strategic Flood Risk Assessment of the LDP is an important element of the climate risk assessment for land use within Renfrewshire. The review and update of this document will be an important consideration in the development of the Main Issues Report for Local Development Plan 2. All potential development sites considered for the Main Issues Report will be reviewed in terms of their sustainability and any likely climate related impacts through the associated Strategic Environmental Assessment. Mitigation and adaptation to climate change and flooding will be included in this assessment. The ongoing work between the Council and

4c. What action has the organisation taken to adapt to climate change?

In January 2016, Renfrewshire Council's draft Outdoor Access Strategy 2016-2026 was the subject of a public consultation. The Strategy reviewed existing access in Renfrewshire and set priorities to deliver future access provision to encourage people to use the outdoors for responsible recreational access and active travel. The Strategy includes an action plan highlighting how the Council intends to deliver this aim in conjunction with a range of partner. A finalised Strategy will be considered by the Council in the Autumn of 2016.

A Sustainable Food Strategy has been developed to tackle food poverty, promote healthy eating and expand the local food sector. It is structured around 5 key themes – Health & Wellbeing, Food Growing Schemes, Community Food, Education & Training, and Economic and Sustainability.

The Council has developed a Cycling Strategy which will provide a holistic approach to developing and promoting active travel. Our Wayfinding Project Cycle Link to promote both National Cycle Routes 7 & 75 and the Paisley South cycle route delivered signage through a combination of on-the-ground signage, mapping and branding - all supported by an advertising campaign. Other initiatives include - adult cycle training; workplace bike loan scheme. Car users will be targeted to encourage modal shift to active & sustainable travel.

Partnership working

The Renfrewshire Community Planning Partnership fosters a close working relationship amongst a range of stakeholders to consider a broad remit of climate related matters through the Greener Renfrewshire Thematic Board. The Council also works in partnership with organisations and individuals on discrete projects, for example:

- The sub-groups of the Greener Renfrewshire Thematic Board comprise of representatives from Renfrewshire Council service areas; Renfrewshire Community Planning Partnership; community groups; third sector organisations; and the private sector. Each of these sub groups has developed an action plan which drives forward the key priorities and outcomes of the Greener element of Renfrewshire's Community Plan. The progress of these action plans and the related performance measures from the Local Outcome Improvement Plan are monitored on a regular basis through the Greener Renfrewshire Thematic Board and Renfrewshire's Community Planning Partnership Board.
- The Council has an energy advocacy service to give independent and expert advice on a wide range of energy issues to local people. In partnership with Linstone Housing Association, it offers a dedicated advocate for housing association tenants. Additional advocates also support council tenants, private renters and home owners;
- The Renfrewshire Growing Grounds Forum has a broad membership that includes Council officers, BTCV, Allotment Associations, Local Housing Associations, and other community and capacity building organisations. Quarterly meetings take place and facilitate the Council's support of the Urban Growing Movement. Temporary allotments have been set up on a gap site in Sutherland Street, Paisley. The allotments were built as part of an initiative to cater for the increasing demand for growing spaces within Renfrewshire. Funding was provided by Renfrewshire Council and the Scottish Government Climate Challenge Fund. The Council is seeking to support more extensive community participation in ownership

4c. What action has the organisation taken to adapt to climate change?

of underused parkland and other open spaces that can be used for growing;

- The Council continues to support the Local Outdoor Access Forum which meets regularly to discuss access related matters and ways of improving public access. It is comprised of users (such as cyclists, walkers, horse riders, canoeists and disability users), land owners and managers, community groups and local or national organisations.

Communication

The Council continues to offer training to inform Council staff and provide an understanding of general air quality issues in Renfrewshire and the potential impact from development and planning. The Council has participated in Earth Hour for several years and will continue to do so. Earth Hour is one of several energy saving initiatives that is communicated to staff through the Council's intranet service.

A Greener Renfrewshire newsletter is produced on a quarterly basis providing information on greener projects both at a local level and national level and also provides information on volunteering and funding opportunities.

Education

The Council continues to support participation in the Eco-schools Programme. The Council will also continue to support initiatives such as 'Walk to School Week', and 'Bikeability' and will work in partnership with parents to ensure that children participate in these events to 'Deliver the Safer Routes to Schools' programme.

Deliver Adaptation Action

Green Infrastructure - Local Green Network Projects

Local Green Network projects have the potential to improve the quality of the local environment by enhancing open space, accessibility, natural features and biodiversity. The delivery of the Renfrewshire Local Green Network programme has been a great success and has secured significant levels of external funding. Path improvements at Linwood On-X sports centre and community woodland have increased access opportunities for all. Improvements to the Renfrew Riverside footpath have completed the design phase their implementation next year, will improve opportunities for access, active travel and links to the City Deal project linking Clyde Waterfront and Renfrew Riverside by a new bridge.

Fair Trade

4c. What action has the organisation taken to adapt to climate change?

During the period 2015-16 the Council has continued its involvement and engagement with schools by including invitations for them to take part in regular Steering Group meetings and, by developing a Fairtrade newsletter. Trophies were awarded to Gryffe High School and St. James Primary School recognising the pupils' outstanding contribution to the Fairtrade movement. Other communities have made significant contributions to the movement and several Fairtrade producers have been welcomed by the Council to support community groups and their activities.

Renfrewshire Growing Grounds Forum

The Forum has a broad membership that includes Council officers, BTCV, Allotment Associations, Local Housing Associations, and other community and capacity building organisations. Quarterly meetings take place and facilitate the Council's support of the Urban Growing Movement. Temporary allotments have been set up on a gap site in Sutherland Street, Paisley. Funding has previously been provided by Renfrewshire Council and the Scottish Government Climate Challenge Fund for this initiative. In 2015/16 the number of allotments has increased from 115 to 145. A new garden has been developed at the West End Community Centre using Architecture and Design Scotland Stalled Spaces funding for ROAR (Reaching Older Adults in Renfrewshire). Growing Glenburn has also expanded the number of growing plots available to the project. St Vincent's Hospice has created a new community garden at the Hospice near Howwood. Other projects have involved Kilbarchan Community Council developing a garden at Cartside Terrace using a disused filling station. Future expansion of the Growing Grounds initiative may also see further gardening space developed at Carbrook Street in Paisley. The Council is seeking to support more extensive community participation in ownership of underused parkland and other open spaces and the emerging Sustainable Food Strategy.

Integrated Green Infrastructure - Johnstone South West

Renfrewshire Council has developed proposals for flood attenuation and landscape improvements within Johnstone South West, a residential neighbourhood which lies a short distance south of Johnstone town centre. The improvements form a key element of a wider regeneration strategy for the area, supporting the development of a Community Growth Area as identified through the SDP. A masterplan was developed as part of the Scottish Government 'Scottish Sustainable Communities Initiative' (SSCI) programme in late 2011 and approved by the Council in March 2012. Much of the area is constrained by flooding and issues of surface water management. The masterplan is therefore underpinned by an outline surface water management strategy which considers developing within a holistic approach led by the consideration of infrastructure requirements. This provides for a number of linked interventions including the deculverting of watercourses, supported by the creation of swales, new woodland areas and storage ponds. The Surface Water Management Strategy was updated in 2016 to set out detailed proposals for required infrastructure, supported by budget costs, anticipated land values and an approach to phasing. The strategy provides the basis for the delivery of infrastructure and in turn development within the CGA.

4c. What action has the organisation taken to adapt to climate change?

Home Energy Efficiency Programme for Scotland

In order to address the issue of fuel poverty Renfrewshire Council has been successful in securing funding to improve the energy efficiency of social housing stock. Some £3m has been secured for 2015/16 for external wall insulation as part of an on-going programme of improvements. The Council continues to work with housing associations and other landlords in the social rented housing sector to reduce fuel poverty through a range of retrofit programmes.

Renfrew North Flood Prevention Scheme

This project is now complete and protects over 300 properties in North Renfrew from tidal surge. The final phase of this £10.5m project involved construction of a pumping station capable of discharging water at over 5m³/s behind the flood defences.

4d. Where applicable, what progress has the organisation made in delivering the policies and proposals references N1, N2, N3, B1, B2, B3, S1, S2 and S3 in the Scottish Climate Change Adaptation Programme (a) (“the Programme”)?

Delivery progress made	Comments
Objective: Understand the effects of climate change and their impacts on the natural environment SEPA and Renfrewshire Council have worked in partnership to produce the Clyde and Loch Lomond Flood Risk Management Plan which sets the policy framework for the Renfrewshire Local Flood Risk Management Plan	The Clyde & Loch Lomond Flood Risk Management Plan has been approved and sets priorities for flood studies across Renfrewshire.. The Strategic Flood Risk Assessment for the Renfrewshire Local Development Plan will be reviewed and updated for the Main Issues Report as part of the review of the Local Development Plan in 2016
Objective: Support a healthy and diverse natural environment with capacity to adapt The Adopted Renfrewshire Local Development Plan seeks to protect and enhance the green and blue network. A programme of Local Green network projects have been delivered by the Council in partnership with Glasgow and Clyde Valley Green Network Partnership.	Green network opportunities mapping was completed for the Adopted Renfrewshire Local Development Plan. Recent collaboration with the Glasgow and the Clyde Valley Green Network Partnership as part of the background work for Strategic Development Plan 2 – Clydeplan has identified Green Network Strategic Delivery Areas. These are locations where the opportunity exists to address health issues particularly associated with low activity levels; climate change adaptation measures, particularly for flooding; poor access to greenspace; and habitat creation.

Delivery progress made	Comments
Objective: Sustain and enhance the benefits, goods and services that the natural environment provides	
N/A	N/A
Objective: Understand the effects of climate change and their impacts on buildings and infrastructure networks	
SEPA and Renfrewshire Council have worked in partnership to produce the Clyde and Loch Lomond Flood Risk Management Plan which sets the policy framework for the Renfrewshire Local Flood Risk Management Plan. Council worked closely with SEPA on the review of River Basin Management Plans and will now contribute to the implementation of The River Basin Management Plan for Scotland's River Basin District 2015-2027.	The review of the Renfrewshire Local Development Plan will reflect the requirements of the revised River Basin Management Plan. The Strategic Flood Risk Management Assessment for the Renfrewshire Local Development Plan will be also be reviewed and updated for the Local Development Plan Main Issues Report 2016. Officers also attend the Clyde Area Advisory Group and have worked with SEPA officers to identify potential projects for Water Environment Fund inclusion and the Council's responsibilities under the Water Environment Act
Objective: Provide the knowledge, skills and tools to manage climate change impacts on buildings and infrastructure	
N/A	N/A

Delivery progress made	Comments
Objective: Increase the resilience of buildings and infrastructure networks to sustain and enhance the benefits and services provided	
The Council will be guided by the revised Planning Advice Note on Flooding, Water and Drainage when it is made available for the development of the emerging Local Development Plan 2 and any associated Supplementary Guidance	
The Renfrewshire Local Development Plan was adopted in August 2014. It complies with the requirements of SPP and the approved SDP by addressing climate change mitigation and adaptation through the choice of sustainable sites that will support economic growth and make provision for the Low Carbon Economy. Flood risk has been fully considered in all aspects of the development of the LDP and a policy framework established that will create sustainable places for the future	As the Spatial Strategy set out in the Adopted Local Renfrewshire Development Plan is in the early stages of delivery, it has been retained for the Main Issues Report of the new Renfrewshire Local Development Plan. It aims to promote sustainable economic growth by identifying opportunities for change and supporting investment which helps to regenerate, create and enhance communities and places, providing high quality new development in appropriate locations. The Spatial Strategy will remain focused on the development of previously used sites, concentrating on existing built-up areas and key redevelopment sites, aiming to facilitate sustainable development and a low carbon economy. The Main Issues Report of the Renfrewshire Local Development Plan Heat identifies that additional guidance will be required in the new Local Development Plan with regards to supporting the delivery of heat networks and the potential for onshore wind development across Renfrewshire

Delivery progress made	Comments
The Adopted Renfrewshire Local Development Plan complies with the requirements of Scottish Planning Policy and the approved SDP by addressing climate change mitigation and adaptation through the choice of sustainable sites that will support economic growth and make provision for the Low Carbon Economy. Flood risk has been fully considered in all aspects of the development of the Adopted Local Development Plan and in the development of the Main Issues Report for the emerging Local Development Plan 2	The Council has been fully involved in the development of the new Strategic Development Plan – Clydeplan, in particular the impact climate change adaptation and mitigation which will set the policy framework for review of the Adopted Local Development Plan
The Local Housing Strategy is currently under review and a draft strategy is currently being finalised.	Renfrewshire Council and its Community Planning Partners, which include the 15 Housing Associations operating in Renfrewshire, aim to achieve seven key outcomes through the Strategy. The outcomes include minimising fuel poverty and increasing the energy efficiency of homes
The Renfrewshire Fuel Poverty Strategy has been updated and replaced (2016). This document reflects the commitment of Renfrewshire Council and its community planning partners to reaching the Scottish Government’s target to eradicate fuel poverty, so far as reasonably practicable, by the end of 2016. Since 2014 when the first Strategy was approved, there have been major changes in government led programmes and energy supplier commitments that seek to cut fuel poverty and reduce carbon emissions. The UK government has also made significant changes through the Welfare Reform programme that will affect people’s income levels. These changes present both a key opportunity and challenge to reduce fuel poverty	The revised Fuel Poverty Strategy seeks to tackle the factors that put householders at risk of fuel poverty that the Council and partners can influence. It seeks to build on existing partnerships and procedures to refocus our approach to tackling fuel poverty in Renfrewshire

Delivery progress made	Comments
The Council recognises its responsibility to meet the requirement of the Energy Efficiency Standard for Social Housing (EESH). The approved Renfrewshire Fuel Poverty Strategy contains a range of measures to assist in meeting the milestones set through the Standard	The Council and partner Local Housing Associations have previously been successful in securing funding through the Home Energy Efficiency Programme for Scotland Area Based Scheme (HEEPS:ABS) and the Energy Company Obligation (ECO) for a range of projects. The Council intends to continue to deliver the EESH through a further £5m of funding allocated from HEEPS:ABS, ECO and Council resources. Over 700 hard to heat homes in Gallowhill, Paisley will benefit from external wall insulation and a second phase will involve the upgrading of an existing district heating system in George Street, Paisley
Renfrewshire Council is currently developing an Energy Strategy. The Strategy will provide overarching framework for the Council's plans, programmes and initiatives relating to sustainable energy supply and use to 2020: cutting emissions, maintaining energy security, maximising economic opportunities, and protecting the most vulnerable	
A District Heating Strategy is currently being developed by the Council. It is aims to describe the Council's aspirations in developing the local infrastructure and economy to deliver district heating with an aspiration to mitigate fuel costs	The Council is seeking funding through the Low Carbon Infrastructure Transition Programme to consider the feasibility of two district heating schemes in Paisley. The first of these would be focussed on Paisley town centre; in particular the area around the Town Hall and the potential to connect the University of the West of Scotland district heating system to Paisley Museum and Library. The second element of the project would be focussed on Foxbar; linking a biomass heating system to supply a care home and block of flats
Objective: Understand the effects of climate change and their impacts on people, homes and communities.	
N/A	N/A

Delivery progress made	Comments
Objective: Increase the awareness of the impacts of climate change to enable people to adapt to future extreme weather events	
In addition to the physical works associated with Renfrew North Flood Prevention Scheme, local communities have benefited from a range of awareness raising and capacity building initiatives intended to build resilience in areas affected by flooding. Leaflet campaigns and public events have been held and information is available through the Council's website.	The Council works in partnership with Inverclyde and East Renfrewshire to provide its Civil Contingency Service. Risks associated with flooding, infrastructure and other incidents are monitored and regularly reviewed by the Council and its Risk Management Partners
Objective: Support our health services and emergency responders to enable them to respond effectively to the increased pressures associated with a changing climate	
N/A	N/A

Review, Monitoring and evaluation
4e. What arrangements does the organisation have in place to review current and future climate risks?
Carbon Management Plan In partnership with Resource Efficient Scotland, the Council developed the Carbon Management Plan, to guide emissions reductions from building use (electricity, gas, oil & water), waste management, fleet transport and street lighting. The plan puts in place a governance system and projects that makes the Council more aware of the consequences of decisions and allows the Council to significantly reduce its impact on the environment. The plan period is 5 years and reviewed annually. Fuel Poverty Strategy

Review, Monitoring and evaluation 4e. What arrangements does the organisation have in place to review current and future climate risks?	The Fuel Poverty Strategy is a corporate and partnership document that seeks to tackle the factors that put householders at risk of fuel poverty that the Council and partners can influence. It seeks to build on existing partnerships and procedures to refocus our approach to tackling fuel poverty in Renfrewshire. The Renfrewshire Fuel Poverty Strategy has been updated and replaced (2016). This document has been updated reflects the commitment of Renfrewshire Council and its community planning partners to reaching the Scottish Government's target to eradicate fuel poverty, so far as reasonably practicable, by the end of 2016. Paisley Town Centre Air Quality Action Plan An Air Quality Action Plan (AQAP) was published in 2014 following declaration of the Paisley Town Centre Air Quality Management Area. The purpose of the AQAP is to set out measures the Council will take forward to help improve air quality and work towards meeting the statutory air quality objectives that are being exceeded. Development of the plan included steering group meetings and consultation with statutory consultees, key stakeholders, local businesses and members of the public. Sixteen action plan measures were adopted within the plan with a focus on transport and vehicle emissions. The most significant measures included improvements to Central Rd, implementation of a Statutory Quality Bus Partnership Scheme, council vehicle fleet improvements and vehicle emissions testing. The Action Plan will be updated during 2016/17 for the Council to identify new, focussed and effective action measures to take forward. Further information can be found at www.renfrewshire.gov.uk/airquality. Risk Matters 'Risk Matters' is the combined risk management policy and strategy including consideration of: - Energy and Carbon Management, - Incident and response management, - Property and Infrastructure Management, - Planning and Development Activity, Waste Management, - Planning for Adverse Weather, - Flood Risk, - Roads, Lighting and Structures Maintenance, and - Cycling and Road Safety. Each Service updates the corporate risk register on a quarterly basis and the Strategic Risk Management Development Plan is reviewed every 2 years. Strategic Development Plan
---	--

Review, Monitoring and evaluation	
4e. What arrangements does the organisation have in place to review current and future climate risks?	Land use and development to support sustainable economic growth and the low carbon economy. Flood risk mitigation and adaptation. Environmental improvement. Integration of green and blue network. The plan period is 10-20 years and it is reviewed every 5 years. Clydeplan 2 – Proposed Plan is currently being prepared and will be the subject of an Examination in the autumn of 2016.
Renfrewshire Local Development Plan	Land use and development to support sustainable economic growth and the low carbon economy for Renfrewshire. The plan period is 5-10 years and it is reviewed every 5 years. The review of the Adopted Renfrewshire Local Development Plan has started. A Main Issues Report will be prepared and considered by the Council later in 2016 with a public consultation to follow. (following on from framework set by SDP)

4f. What arrangements does the organisation have in place to monitor and evaluate	
Carbon Management Plan (CMP)	The CMP is viewed as a 'live' document and is reviewed on an annual basis, thus ensuring that it remains 'fit for purpose' and deliver carbon based savings. A report is made annually to the Planning, Property and Policy Board which identifies: 1. Progress towards overall carbon reduction target 2. Progress with identified carbon reduction projects 3. An updated position regarding the Risk Register. The CMP will be reviewed in its entirety after 5 years when a new carbon reduction target will be set based on progress achieved over the previous plan period.
Service Improvement Plans	

4f. What arrangements does the organisation have in place to monitor and evaluate

Each Council service produces a Service Improvement Plan that details what that service is doing, how it is performing, the challenges faced and the priorities for the next three years. The plan outlines what the service intends to achieve over the next three years based on the financial and employee resources likely to be available. The plan identifies the principal factors that will influence service needs, their development and delivery. It sets out the main priorities to be pursued and outcomes to be achieved over the next three years. An action plan detailing the outcomes and key tasks to achieve them is also included. Progress is monitored regularly by senior managers and Councillors and is available to the public through the appropriate thematic board.

Climate Related Risk Assessment

The Council's Risk Register is reviewed every quarter and each service reports to the appropriate Board on an annual basis. Risks can be added or removed from the register as deemed necessary for a range of reasons including changes in legislation, the reform agenda etc. In 2014/15, the risk relating to the EESSH was added in recognition of the need to meet this challenge and reduce fuel poverty in line with national targets. Failure to control the risk associated with service delivery as a result of adverse weather is recognised as one of the top 5 risks for the Community Resources service. The risk and progress made on the measures to address it are monitored and reviewed regularly.

Policies and Plans

The policies within the LDP and SDP are monitored annually and both documents are the subject of a Strategic Environmental Assessment (SEA) which includes consideration of the effects of the policies on Climate Change mitigation and Adaptation. A State of the Environment Report for Renfrewshire has also been produced. It is updated every 2 years and provides a robust information base for the SEA and consideration of emerging environmental issues for the LDP. Flooding data is regularly updated to reflect the addition of new information and improvements in climate modeling. The data is also used to inform other corporate strategies such as the Local Housing Strategy.

Renfrewshire Council's Plan, 'A Better Future, A Better Council'.

The Renfrewshire Council Plan, *A Better Future, A Better Council*, was formally approved by the Council in December 2013 and outlines the organisation's improvement agenda over the period 2014-2017. Demands on public services are ever growing and are set alongside significant pressures on public finances. Therefore, to achieve positive outcomes, and to deliver the best for communities and citizens, the Council developed new ways of working with a strong focus on prevention and partnership working. The Plan is closely linked to the Community Plan 2013-2023. Renfrewshire Council's plan – *A Better Future A Better Council* was refreshed in December 2015 and approved by Council. This refreshed plan has a priority of 'Creating a Sustainable Renfrewshire' with the aspiration of : *'We want the Council to play its part in tackling climate change by focusing on reducing*

4f. What arrangements does the organisation have in place to monitor and evaluate

energy use and carbon emissions across all aspects of our operations, making sure that the majority of waste collected is recycled and working with our partners to make Renfrewshire's economy and communities as sustainable as possible.'

Community Plan

The Community Planning Partnership Board meets quarterly. The Community Plan focuses on six themes; each of which has a detailed action plan and its own board made up of representatives from the Community Planning Partnership. The boards convene six to eight times per year to make decisions and monitor the progress of the community plan in terms of targets set and the projects associated with the Partnership. Each partner has a complementary role in achieving outcomes for local people and communities. The Greener Renfrewshire Thematic Board considers progress under the headings of communities, transport, housing and carbon management and waste reduction.

Monitoring and Evaluation of Climate Change Adaptation Action to fulfill duties outlined in the Climate Change Adaptation Programme.

N1-8

The Council regularly updates its flooding data and is working closely with SEPA on the development of the emerging Flood Risk Management Strategy for Renfrewshire. Once the strategy and Local Flood Risk Management Plan are in place regular monitoring cycle will be required to inform future updates and maintain the relevance of the plans. 2014 saw joint consultation between SEPA and local authorities to inform the development of Scotland's first Flood Risk Management Strategies.

N1-10

The Council has acquired the acquired Light Detection and Ranging (LIDAR) topographic data which provides very accurate height data for the whole of Renfrewshire. The LIDAR data is used to model flood events more accurately and assisted in the development of a sustainable flood management approach.

The data is used to assess flood risk for individual projects and proposed development and will inform the development of the Local Flood Risk Management Plan for Renfrewshire.

4f. What arrangements does the organisation have in place to monitor and evaluate

N2-2

The Council monitors the progress of its Green Network projects individually and through the LDP. The review of the Network in 2014/15 jointly with Glasgow and Clyde Valley Green Network Partnership included consideration of its resilience with regard to climate change which will contribute to further development of the network and the identification of Strategic Delivery Areas.

N2-11

The Council has been closely involved in the recent review of the Forest and Woodland Strategy for Glasgow and the Clyde Valley that will inform SDP2 and LDP2. Climate change adaptation and the most recent iteration of the Integrated Habitat Network data have been central to the development of the FWS.

B1 – 13

December 2014 a joint consultation between SEPA and local authorities took place to gain views on the proposed plans for how Scotland will tackle flood risk, and inform the development of Scotland's first Flood Risk Management Strategies and Local Flood Risk Management Plans.

B1-14

Council is working closely with SEPA in the review of River Basin Management Plans.

Response made to consultation on second River Basin Management Plan. Officers also attend the Clyde Area Advisory Group and have worked with SEPA officers to identify potential projects for Water Environment Fund inclusion and the Council's responsibilities under the Water Environment Act.

B3-3

The policies within the Renfrewshire Local Development Plan are monitored on an annual basis. Flood risk and climate change resilience are included within the monitoring process. Planning applications stemming from the development plan are also monitored.

B3-6 and B3-7

The Council monitors its progress on a range of initiatives that have been implemented in order to meet the targets set the Renfrewshire Fuel Poverty Strategy.

4f. What arrangements does the organisation have in place to monitor and evaluate	S2-5 Risks associated with flooding, infrastructure and other incidents are monitored and regularly reviewed by the Council and its Risk Management Partners.
Future Priorities for adaptation	4g. What are the organisation's top 5 climate change adaptation priorities for the year ahead (2016/17)? Renfrewshire Council's top 5 climate change adaptation priorities for 2016/17 are: 1. Implementation of the Clyde & Loch Lomond Flood Risk Management Plan. 2. Transport – Reduction in emissions through more efficient fleet and reduction in staff mileage 3. Street lighting – Completion of LED street lighting to reduce carbon emissions and improvement to the Council lighting stock. 4. Procurement – Supply of electricity to Council buildings to be under a 100% green tariff from utility suppliers and new build and refurbishment to achieve a minimum EPC rating of B and C respectively. 5. Communication – continued awareness raising and 'green champion' initiatives to be promoted.
4(h) Supporting information and best practice	Community Plan – The Council will continue to work with its Community Planning Partners to achieve the outcomes and priorities of the Greener Renfrewshire element of the Community Plan, through the work of the three sub-groups: Greener Transport; Greener Communities; and Carbon Management. Carbon Management Plan Implementation – to achieve a reduction in carbon emissions and embed carbon management and climate adaptation within the culture of Renfrewshire Council. This will be achieved through: Risk Management – Continual monitoring and evaluation of climate related risks as an integral part of the Corporate Risk Management Strategy Regeneration Agenda – The Council will seek to achieve the most sustainable outcomes for Renfrewshire through City Deal, the City of Culture 2021 bid and other regeneration projects. These and other projects such as the Townscape Heritage Initiative, Local Green Network Partnership, Renfrewshire Access Strategy and the Renfrewshire Cycling Strategy 2015 – 2025 provide investment opportunities in key infrastructure that will make provision for climate change adaptation and mitigation.

5. Procurement	5a. How do procurement policies contribute to compliance with climate change duties? Renfrewshire Council as a contracting authority has developed a range of policies and strategies relevant to regulated procurement in order to ensure compliance with the sustainable procurement duty under section 8 (2) of the Procurement Reform (Scotland) Act 2014, the Climate Change (Scotland) Act 2009 and the Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) Order 2015. The council's Sustainable Procurement Strategy is aligned to the requirements of the statutory guidance to ensure compliance with relevant legislative duties, and contributing to the key strategic priority of 'Creating A Sustainable Renfrewshire' set out in Renfrewshire Council's Plan, 'A Better Future, A Better Council'. Sustainable procurement is an integral part of the procurement process and is embedded as part of the development of all Contract Strategies. This approach has been adopted to support spending decisions which are based on sustainable choices by actively considering social, economic and environmental impacts. This requirement is reinforced in Renfrewshire Council's Standing Orders relating to Contracts to ensure that sustainable procurement is considered in the development of every contract strategy document for regulated procurement. To ensure compliance with the climate change duties an integral part of the contract strategy development process is to assess the resource being purchased, whole life costing requirements, origins of materials, operating costs and disposal and end of life implications; all contributing to minimising impact on the environment. The five environmental aspects embedded in the contract strategy are; 1. <i>Reduction in emissions to air, water, impact on climate change and the impact on population's health;</i> 2. <i>Waste reduction in solid wastes, liquids, hazardous packaging and landfill;</i> 3. <i>Reduction in energy use and business travel;</i> 4. <i>Loss of biodiversity and the impact on habitat;</i> 5. <i>Promotion of energy efficient products, renewable energy and sustainable resources.</i> In order to meet the requirements of the Sustainable Procurement duty specified in section 9 of the Procurement Reform (Scotland) Act 2014 the council's procurement process has incorporated and tailored the four sustainable tools; 1. Prioritisation tool which is supporting implement and adopt a standard, structured approach to assessing spend categories and focussing on increasing sustainable economic growth; 2. Sustainability test is embedded and considered as part of the contract strategy development; 3. The life cycle impact mapping is actively used to help with the identification of sustainable risks and opportunities as part of the procurement process;
------------------------------	---

4. Utilised and completed the self assessment using the Flexible Framework and actions identified are being progressed.

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

The range of policies and procedures adopted by Renfrewshire Council's Corporate Procurement Unit is making a significant positive impact on the environment by actively giving consideration towards the reduction of greenhouse emissions, energy efficiency and recycling responsibly in order to ensure compliance with the climate change duties. A range of contracts awarded demonstrate the integrated approach to sustainability, for example;

The Strategic Review of Street Lighting LED Replacement Programme contract has been awarded to upgrade all the street lighting to retrofit LED lanterns which will contribute to achieving 62% reduction in energy consumption and carbon emission

Renfrewshire Council currently collects a number of waste related materials both at the kerbside and from the Councils Household Waste Recycling Centres. Materials collected include; asbestos, brick, bulky waste, car batteries, cardboard, dry recyclables, food, garden, general waste, household waste electrical and electronic equipment, metal, textiles, tyres, and wood. These materials are presented to an appropriate treatment facility within the rules as set out by the regulator Scottish Environment Protection Agency (SEPA) and contribute to the council's long term recycling target of 70% of Scotland's waste.

Waste Electrical and Electronic Equipment Regulations (WEEE) Corporate contract is supporting businesses to recycle all electrical equipment owned by the Council, including IT equipment such as desktop PC's (including monitors, keyboards etc), laptops and printers.

Langcraigs Primary School in Paisley has been fitted with Secondary Return Economising System (SRES) which has helped to achieve an estimated 42% reduction in the average daily gas used. Corporate Procurement Unit will support the development of contracts to roll out this technology across Renfrewshire.

The council's new or rebuilt properties are achieving A+ energy efficiency rating and B rating for environmental impact for CO₂ emissions as a minimum.

In order to reduce carbon emissions the Council is procuring vehicles at the current EU emissions rate "Euro 6" and continuing to work towards ensuring that its fleet will be made up of alternative fuel vehicles such as electric vehicles.

The commitment to sustainable procurement remains ongoing with the Corporate Procurement Unit actively collaborating and engaging in partnership work at local and national level with a wide range of public, private and third sector organisations to identify and share best practice and develop knowledge of environmental and sustainable evolving agenda.

Further Information	5c. Supporting information and best practice Corporate Procurement Unit fully embraces the requirements of continuous improvement and continuous professional development which contributes to achieving best practice throughout the procurement process from identification of contractual need to supplier development and management. During 2016 the Corporate Procurement Unit were assessed on the Procurement & Commercial Improvement Programme (PCIP) by Scotland Excel. The results achieved 83% which grades the council in the F1, category. To ensure compliance with the sustainable procurement duty Corporate Procurement Unit continues to utilise the standard sustainable tools and a self assessment of the Flexible Framework indicates that a range of actions have been completed and actions are being progressed at level 4 the advanced level. The results achieved during 2016 from the Prioritisation Tool are informing and shaping procurement process to identify where resources need to be focussed that enable generating benefits such as financial savings, reduce emissions and waste, and identifying areas for innovation. Corporate Procurement Unit remains committed to continuous improvement in order to demonstrate evidence based compliance with all policy and legislative requirements to achieve better outcomes.
----------------------------	--

6. Validation and Declaration	
6a. Internal validation process	Corporate Procurement Unit fully embraces the requirements of continuous improvement and continuous professional development which contributes to achieving best practice throughout the procurement process from identification of contractual need to supplier development and management. During 2016 the Corporate Procurement Unit were assessed on the Procurement & Commercial Improvement Programme (PCIP) by Scotland Excel. The results achieved 83% which grades the council in the F1, category. To ensure compliance with the sustainable procurement duty Corporate Procurement Unit continues to utilise the standard sustainable tools and a self assessment of the Flexible Framework indicates that a range of actions have been completed and actions are being progressed at level 4 the advanced level. The results achieved during 2016 from the Prioritisation Tool are informing and shaping procurement process to identify where resources need to be focussed that enable generating benefits such as financial savings, reduce emissions and waste, and identifying areas for innovation. Corporate Procurement Unit remains committed to continuous improvement in order to demonstrate evidence based compliance with all policy and legislative requirements to achieve better outcomes.
6a. Peer validation process	Not applicable.

6c. External validation process

Carbon Reduction Commitment

Renfrewshire Council's Carbon Reduction Commitment (CRC) has previously benefited from external auditing by SEPA.

Carbon Management Plan – this plan was reviewed by Zero Waste Scotland prior to approval

Procurement

The processes and practice of procurement are subject to Procurement & Commercial Improvement Programme (PCIP) assessment. The new PCIP assessment focuses on the policies and procedures driving procurement performance and results delivered. The PCIP has a new methodology for assessing, different questions and new scoring. The evidence to support the achievement is subject to external scrutiny/validation by Scotland Excel. During 2016 the Corporate Procurement Unit were assessed on the Procurement and Commercial Improvement Programme (PCIP) by Scotland Excel. The results achieved 83% which grades the council in the F1, category. A key element to be assessed and validated with evidence is the delivery and progress across the three factors of Sustainability namely Environmental, Economic, and Social.

Furthermore, Renfrewshire Council's Internal Audit also carries out a review of specific procurement processes and activities on an annual basis. Any improvement actions identified are monitored to ensure progress and completion of actions within the specified period.

For the purposes of coordinating the data compilation and creation of the Procurement report a central point of contact (Senior Policy Officer) was appointed. The information was gathered from various officers and verified by Category Managers and contacts in Procurement Scotland. The Procurement section will be reviewed and approved by the Corporate Procurement and Commercial Manager. The final validation and approval will be undertaken by the Council's relevant Policy Board as part of the full submission. The full document will be controlled by the nominated Service Lead Officer this being Development and Housing Services

Planning Performance Framework

An efficient and well-functioning planning service is recognised as facilitating sustainable economic growth and delivering high quality development in the right places. In order to monitor service performance and the commitment to improve planning services all planning authorities, strategic development plan authorities and seven key agencies prepare a Planning Performance Framework (PPF). The Framework captures key elements of a

high-performing planning service, such as:

- speed of decision-making
- certainty of timescales, process and advice
- delivery of good quality development
- project management
- clear communications and open engagement

The framework gives a measure of the quality of the planning service and is used to identify and encourage ongoing improvements.

The PPF is completed on an annual basis and feedback is received from the Scottish Government. PPF reports contain both qualitative and quantitative elements of performance and set out proposals for service improvement.

Strategic Environmental Appraisal

The Council is required to assess, consult and monitor the likely impacts of its plans, programmes and strategies on the environment. Strategic Environmental Assessment (SEA) is a key component of sustainable development, establishing important methods for protecting the environment and extending opportunities for public participation in decision making. SEA achieves this by systematically assessing and monitoring the significant environmental effects of public sector strategies, plans and programmes ensuring that expertise and views are sought at various points in the process from SNH, SEPA, Historic Environment Scotland and the public. The Local Development Plan and other plans that have evolved from the LDP has been the subject of SEA, where climate change and associated factors such as flooding were specific considerations of the assessment.

Local Development Plan Examination

An examination was held so that any unresolved representations to the Proposed Plan could be independently reviewed by reporters from the Directorate for Planning and Environmental Appeals (DPEA). The DPEA concluded the examination of Renfrewshire's Proposed Local Development Plan and Renfrewshire Council were then able to adopt the Proposed Renfrewshire Local Development Plan. The Strategic Development Plan was also the subject of an examination and Strategic Development Plan 2 – Clydeplan – is currently the subject of an examination.

Section 7: Wider Impact and Influence on GHG Emissions

Renfrewshire's Community Plan and Local Outcome Improvement Plan have the vision, through the Community Planning Partnership, of: ***Working together to make Renfrewshire a fairer, more inclusive place where all our people, communities and businesses thrive.*** This vision and the priorities of Renfrewshire's Community Planning Partnership are driven through six thematic boards:

- Children and young people;
- Jobs and the economy;
- Community care, health and wellbeing;
- A safer and stronger Renfrewshire;
- A greener Renfrewshire; and
- Renfrewshire forum for empowering communities.

Renfrewshire Community Planning Partnership, through these boards, is focused on achieving outcomes that deliver step change improvement in life circumstances for individuals and communities across Renfrewshire and has provided the basis for strong partnership working to be taken forward across a range of strategic issues.

The Greener Renfrewshire Thematic Board has responsibility for co-ordinating and driving multi-agency activity to ensure that the long term vision is achieved that: 'Renfrewshire will be a clean and attractive location, providing a healthy, inviting and pleasant environment in which to live, work and do business through the promotion of sustainable patterns of travel and development, the efficient management of energy and the treatment of waste as a valuable resource'

The priorities of the Greener Renfrewshire Thematic Board are progressed through three sub groups:

- Greener Transport
- Greener Communities
- Carbon Management

The work of these groups and the progress they achieve through their actions plans and performance outcomes, are reported regularly to the membership of the Greener Renfrewshire Thematic Board

Greener Transport

The Greener Transport sub-group has identified links between Community Planning Partners in respect of plans relating to active travel. This includes Renfrewshire Council's Cycling Strategy and Outdoor Access Strategy; Glasgow Airport's surface access strategy; Scotrail's plans to encourage passengers to cycle to and from their stations; active travel plans within UWS and WCS; and Sustrans' plans to improve the national cycling routes within Renfrewshire. Actions have been developed by the Greener Transport sub-group to ensure there is a 'joined up' approach to these projects and that they align with strategic activities including the sustainable transport element of the City Deal project at the Glasgow Airport Investment Area and the Clyde Waterfront and Renfrew Riverside project.

The group has been successful in obtaining pre application funding of £10,000 from Transport Scotland in respect of the establishment of a Low Carbon Travel and Transport Hub in Renfrewshire. The group has been linking with other organisations represented in Renfrewshire which have also been successful in obtaining this funding, to ensure a cohesive approach is taken during the scoping exercise for any potential hubs. Membership of the Greener Transport sub-group includes: Renfrewshire Council; Glasgow Airport; SPT; University of the West of Scotland; Sustrans; NHS Greater Glasgow and Clyde; West College Scotland; University of Strathclyde; Scotrail; INTU Braehead; Renfrewshire Leisure Limited; and Hillington Park.

The group has been instrumental in assisting community planning partners in pursuing funding for electric vehicles and charging points for their organisations. Renfrewshire Council has already achieved its 10 year target of more than 5% of its vehicle fleet being electric and an increasing number of electric vehicle charging points have been installed across Renfrewshire.

Priority areas of the Greener Transport sub group include:

- Greener Active Transport
- Greener Public Transport
- Greener Workplace Transport
- Improving Air Quality

These key priorities are being progressed by the community planning partners and private sector representatives, monitored through the action plan.

Greener Communities

The Greener Communities sub-group is led by John Wilby of the Renfrewshire Forum for Empowering Communities, assisted by Iain Cunningham of Engage Renfrewshire. The Community Planning Partners and stakeholders which are represented at the sub-group are: Renfrewshire Council; Forum for Empowering Communities; Engage Renfrewshire; Environmental Training Team; The Forestry Commission; Royal Horticultural Society; SUSTRANS; LEAP; Eadha Enterprises; and Kibble. Invitations are issued to other community representatives when appropriate to the agenda.

The Greener Communities sub-group led on the successful project to improve stalled spaces across Renfrewshire. Funding of £10,000 was provided by Architecture and Design Scotland and this was matched by Renfrewshire Council, providing a total of £20,000 for community projects.

Moving forward, the Greener Communities sub-group have set a number of key priorities, which are progressed through their action plans:

- Encourage and support community (public, business, charities') involvement in developing and measuring activities that help make Renfrewshire Greener.
- Renfrewshire is a well maintained, clean and attractive place to live, work and visit
- Young people in Renfrewshire are aware of Greener initiatives and what they can do to support it
- Our communities are sustainable and high quality places

Carbon Management

A newly formed Carbon Management sub-group has already identified a number of key strategic priorities, which address the outcomes identified in Renfrewshire's Community Plan and Local Outcome Improvement Plan. Work is ongoing to develop an action plan to address how these priorities can be taken forward.

The group has recognised that advice and assistance is required to enable the achievement of the undernoted priorities. Representatives from various national organisations have met with the group to share their expertise and experience, including: Sustainable Scotland Network; Resource Efficient Scotland; Home Energy Scotland; Energy Savings Trust; Zero Waste Scotland. The priorities include:

- *Establishing a Renfrewshire Wide Carbon Management Plan* – The development of a Renfrewshire Wide Carbon Management Plan will help to deliver some of the key performance measures contained with Renfrewshire's Local Outcome Improvement Plan:
 - o Reduction of CO2 per capita;
 - o Reduction in the amount of CO2 emitted from public space lighting; and

- o Reduction in the amount of CO2 emitted from public buildings.	
- o <i>Reducing the percentage of households experiencing fuel poverty</i> – The work of the Carbon Management sub-group will contribute to the reduction of the percentage of households across Renfrewshire experiencing fuel poverty, in line with Renfrewshire’s Tackling Poverty Strategy. This will be delivered through the Local Outcome Improvement Plan’s performance measures of: - o Increasing the percentage of social housing properties in Renfrewshire which meet the National Home Energy Ratings target; - o Increasing the percentage of social housing properties in Renfrewshire which meet the Energy Efficiency Standard for Social Housing (EESH) 2020 milestone; - o Maintaining the Scottish Household Quality Standard for social housing across Renfrewshire; and - o Improving engagement with households in the private rented sector and with homeowners across Renfrewshire to help make their homes more energy efficient.	
- o Identifying funding streams for carbon reduction and energy efficient projects -The Carbon Management sub-group will identify funding opportunities which are available to the public and private sector including progressing further funding applications from the Scottish government’s Low Carbon Infrastructure Transition Programme.	
- o Waste Reduction - The Carbon Management sub-group will work to deliver key performance measures contained within Renfrewshire’s Local Outcome Improvement Plan relating to waste and recycling: - o Increasing the percentage of household waste which is recycling; - o Ensuring no waste generated within Renfrewshire is sent directly to landfill without prior treatment; and - o Ensuring no more than 5% of all waste collected is landfilled.	