
To: INFRASTRUCTURE, LAND AND ENVIRONMENT POLICY BOARD

On: 6 NOVEMBER 2019

Report by: DIRECTOR OF COMMUNITIES, HOUSING & PLANNING SERVICES

Heading: PUBLIC SECTOR CLIMATE CHANGE DUTIES REPORTING 2018/19

1. SUMMARY

- 1.1 To comply with the requirements of the Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) legislation, 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 Report for 1 April 2018 to 31 March 2019 is attached as Appendix 1 for the approval of Board members.
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2. Recommendations

- 2.1 It is recommended that the Infrastructure, Land and Environment Policy Board:
- (i) approve the content and submission of Renfrewshire Council's Public Sector Climate Change Duties report for 2018/19.
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3. Background

- 3.1 All 32 local authorities in Scotland are signed up to Scotland's Climate Change Declaration. Signatories to the Declaration acknowledge the importance of climate change and are 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
 - Working in partnership with their communities to respond to climate change.
- 3.2 The Declaration recognises the key role Scottish local authorities play in helping to tackle the challenges of climate change. Signatories to Scotland's Climate Change Declaration have committed to preparing an Annual Report detailing their progress in mitigating and adapting to climate change. This provides an important mechanism for the public sector to lead by example in addressing climate change.
- 3.3 The Council's climate change report for 2018/19 is due to be submitted by 30 November 2019 and is a mandatory submission required of all public bodies that are seen as 'major players'. The Report is intended to assist with monitoring Public Bodies Duties compliance and encourage continuous improvement.
- 3.4 The Scottish Government developed the reporting framework to assist in providing accurate and consistent performance information to inform the future direction and development of policy, legislation, funding and support services.
- 3.5 The Scottish Government are currently consulting about the role of Public Sector Bodies in tackling climate change which includes recommendations about this report and Members will note that a consultation response is also being presented to this Board for approval. The changes proposed in the consultation should assist in the production of a more accessible report, particularly for a public audience.
- 3.6 Members will also be aware that Renfrewshire Council declared a climate emergency in June 2019 and a cross-party Climate Emergency Working Group has been established, supported by a cross-departmental Climate Emergency Officers Group (which includes Renfrewshire Leisure and Health and Social Care Partnership). Further details are given in section 5 of this report.
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4. Renfrewshire Council's Annual Report 2018/2019 – Key Highlights

Corporate Emissions, Targets and Project Data

- 4.1 Renfrewshire Council's Carbon Management Plan 2014/15 - 2019/20 has ambitious objectives to reduce emissions that are then included in other corporate and strategic documents. 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%. Reductions will be achieved through a range of projects covering energy; fleet; waste; street lighting; staff travel and awareness raising initiatives.
- 4.2 Renfrewshire Council was the first local authority in Scotland to sign up to producing its third Carbon Management Plan.

Adaptation

- 4.3 The Council's Risk Management process considers risks associated with flood risk, energy and carbon management, waste management as well as planning for severe weather. Climate change, sustainability and adaptability, was contained in the corporate risk register during 2018/19. As one of the actions approved by Council in June 2019 climate change risk will now be included within the strategic risk register.
- 4.4 To recognise the links between air quality and climate change, the Council is promoting initiatives to improve air quality and reduce emissions. Paisley Town Centre, Johnstone High Street and Renfrew Town Centre are current locations that are being targeted to achieve air quality improvements. Air Quality Management Areas have been declared at these locations and the Renfrewshire Air Quality Action Plan covering the 3 air quality management areas in Renfrewshire is now complete and being delivered. The action plan was subject to consultation with the Scottish Government, SEPA, neighbouring local authorities and the public. The latest plan was approved by the Infrastructure, Land and Environment Policy Board in March 2019.
- 4.5 The current adopted Renfrewshire Local Development Plan (2014) continues to provide a framework to guide investment and development to the right locations whilst aiming to protect and enhance the environment and support renewable and low carbon technologies where possible.
- 4.6 The proposed Renfrewshire Development Plan has recently undergone extensive consultation and engagement with communities and various stakeholders earlier in 2019 and continues to facilitate sustainable inclusive development. The plan focuses on placemaking. Buildings and structures are expected to be designed to support the enhancement and delivery of low carbon generating technology; to reduce emissions and assist with climate change mitigation and adaptation.
- 4.7 Sustainable, economic growth and regeneration is a central focus for the Council and there are various projects across Renfrewshire that are creating sustainable mixed communities, delivering high quality places and investment. The Renfrewshire Strategic Economic Framework outlines 10 near term strategic priorities. This includes projects to regenerate and invest in our town centres; tackling disadvantage; targeting deprivation; supporting people; as well as strengthening transport infrastructure.

Procurement

- 4.8 The Council's Corporate Procurement Unit is making a significant impact by actively considering the reduction of greenhouse emissions, energy efficiency and recycling responsibly. Any suppliers for the Council are made fully aware of the Council's commitment to the climate change duties along with clear instructions and expectations set out in terms and conditions.

5. **Climate Change – Current position**

- 5.1 The annual report covers the period April 2018 until March 2019.
- 5.2 At the Council meeting in June 2019, the Council recognised that there is an environment and climate emergency and pledged to work proactively with others to make Renfrewshire carbon neutral by 2030, taking into account both production and consumption emissions.
- 5.3 The Council will continue to work with partners and community groups across Renfrewshire to deliver this goal through all relevant strategies and plans and will:
- assist communities to become more resilient to the impacts of global warming, particularly to flooding and to drought
 - ensure that all reports in preparation for the 2020/21 budget will consider the actions the council will take to address this emergency
 - include climate change in the Council Register of Strategic Risks
 - include climate risk as a category in reports to Council meetings and boards;
 - establish a cross-party working group to examine in detail what actions could be taken to address this emergency
 - investigate the feasibility of setting up a revolving fund for energy efficiency improvements to buildings within the council estate
- 5.4 A report to Council will be presented before the end of the financial year 2019/20 with the actions the Council has, and will take, to address this emergency.
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6. **Next Steps**

- 6.1 Renfrewshire Council's annual report for 2018/19 is attached and will be submitted, following approval by the Infrastructure, Land and Environment Policy Board, to the Sustainable Scotland Network by 30 November 2019.
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Implications of the Report

1. **Financial** – None.
2. **HR & Organisational Development** – None.
3. **Community Planning** - the report details a range of activities which reflect local community planning themes.
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.
 12. **CoSLA Policy Position** – None
 13. **Climate Risk** – This annual report details progress made by Renfrewshire Council in assisting in mitigating and adapting to climate change during 2018/19.
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List of Background Papers:

None

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Appendix 1

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PART 1: PROFILE OF REPORTING BODY

1(a) Name of reporting body

Renfrewshire Council

1(b) Type of organisation

Local Authority

1(c) Number of FTE staff in the organisation

6,500

Metric	Unit
Floor Area	m ²
Treated Water	ML
Households supplied with water	Households
Population supplied with treated water	Population
Sewage treated	ML
Households supplied sewage services	Households
Population supplied with sewage services	Population
Number of full-time students	Number FTS
Patient bed nights	Number of patient bed nights
Population size served	Population

1(e) Overall budget of the body

Specify approximate £/annum for the report year.

Budget	
£409,399,000	

1(f)**Report year**

Specify the report year.

Report Year	Report Year Comments
Financial (April to March) 2018/19	

1(g) Context

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

In 2007 all 32 Scottish local authorities 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
- Working in partnership with their communities to respond to climate change

The climate change report submitted in November 2019 for 2018/19 will be the fourth mandatory submission by Renfrewshire Council, as required by public bodies that are seen as 'major players'.

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

PART 2: GOVERNANCE, MANAGEMENT AND STRATEGY

2(a) How is climate change governed in the organisation?

Community Planning Partnership

Renfrewshire Community Planning Partnership published in October 2017 its new community plan for the period of 2017-27, which is the Local Outcome Improvement Plan for the purposes of the Community Empowerment (Scotland) Act 2015. The four themes of the Renfrewshire Community Plan are: Thriving, Well, Fair and Safe. Following agreement of new community planning structures in December 2016, consideration of issues relating to climate change is embedded within all community planning groups. Community planning groups focus on issues relating to health, community safety and public protection, empowering communities and improving life chances.

Council and Boards 1 April 2018 to 31 March 2019

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, Risk and Scrutiny and Petitions Board, Regulatory Functions Board and Cross Party Sounding Board the Council also operates the following thematic policy boards that reflect policy priorities rather than Council service structures. The boards during 2018/19 were:

- Education and Children's Services Policy Board
- Infrastructure, Land and Environment Policy Board
- Finance, Resources and Customer Services Policy Board
- Communities, Housing & Planning Policy Board

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 planning and sustainable development falls within the remit of the Communities, Housing & Planning. Matters relating to waste management, transportation, flooding and the Carbon Management Plan are reported to the Infrastructure, Land and Environment Board.

Renfrewshire Local Area Partnerships

At the meeting of the Council Council in September 2018, approval was given to replace the existing Local Area Committees with Local Area Partnerships. This followed a three month consultation period which offered a wide range of opportunities including paper consultation document, online survey public events in Johnstone and Paisley, drop in events in Lochwinnoch, Bishopton, Erskine, Renfrew and Linwood, facilitated sessions with a range of community groups and attendance at a number of Community Council meeting

This involved refreshing the aims of community-level governance; moving from committees to partnerships; extending voting rights to community organisations; other public services playing a greater role; wider engagement with communities; meetings becoming more accessible and participative; and local grants being focussed on local priorities which would include actions to address climate change and the introduction of participatory budgeting

A series of community events were held in autumn 2018 to share information with communities about the new Local Partnerships and how they would work. These events also helped identify community priorities, including environmental priorities, for the new Local Partnerships to consider in preparation for their first meetings in November and December 2018.

2(b) How is climate change action managed and embedded in the organisation?

The Council's Corporate Management Team (CMT) is comprised of senior staff from all services 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 considered by the CMT. Specific officer groups whose remit includes Climate Change adaptation and mitigation are outlined below.

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. **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.
 - 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' (Council plan was refreshed in September 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 your procurement across the 3 strands of Sustainable Procurement – Social, Economic & Environmental which climate change considerations.
 - 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.

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

Objective	Doc Name	Doc 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 "Thriving People, Connected Communities" 2017-22	http://www.renfrewshire.gov.uk/councilplan
Renfrewshire Council has set a target to reduce its total annual carbon footprint by 19,389 tCO ₂ e 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.	www.renfrewshire.gov.uk/media/1767/CarbonManagement-Plan-20142020/pdf/CarbonManagementPlan2014-2020.pdf
Environment & Infrastructure has a lead role in creating a sustainable Renfrewshire through increasing its use of alternative fuel in fleet vehicles and its work to increase recycling and reduce waste sent to landfill. In relation to climate change, the service works to put into place appropriate flood management plans.	Renfrewshire Council, Environment & Communities Service Improvement Plan 2018 – 2021.	http://www.renfrewshire.gov.uk/media/9516/Environment--Infrastructure-Service-Improvement-Plan-2019---22/pdf/Environment_Infrastructure_Service_Improvement_Plan_2019-22.pdf?m=1554211701390

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

No.

Topic area	Name of document	Time Period Covered
Adaptation	Renfrewshire Local Development Plan – Strategic Environmental Assessment	2014 - 2019
	Renfrewshire Proposed Local Development Plan – Strategic Environmental Assessment	2020-2025
Business travel	Carbon Management Plan	2014/15-2019/20
Staff Travel	Carbon Management Plan	2014/15-2019/20
Energy efficiency	Carbon Management Plan	2014/15-2019/20
Fleet transport	Carbon Management Plan	2014/15-2019/20
Information and communication technology	Renfrewshire Council Plan	2017 - 2022
Renewable energy	Carbon Management Plan	2014/15-2019/20
Sustainable/renewable heat	Renfrewshire Local Development Plan	2014 – 2019
	Renfrewshire Proposed Local Development Plan	2020 - 2025
	Renfrewshire Local Housing Strategy	2016 - 2021
Waste management	Carbon Management Plan	2014/15-2019/20
Water and sewerage	Carbon Management Plan	2014/15-2019/20
Land Use	Renfrewshire Local Development Plan	2014 – 2019
	Renfrewshire Proposed Local Development Plan	2020 - 2025
	Renfrewshire Local Housing Strategy	2016 - 2021
	Local Biodiversity Action Plan	2018 – 2022
	Core Path Plan	

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

1. At the meeting in June 2019, The Council recognised that there is an environment and climate emergency and pledged to work proactively with others to make Renfrewshire carbon neutral by 2030, taking into account both production and consumption emissions.

The Council will continue to work with partners and community groups across Renfrewshire to deliver this new goal through all relevant strategies and plans and will;

- assist communities to become more resilient to the impacts of global warming, particularly to flooding and to drought;
- ensure that all reports in preparation for the 2020/21 budget will consider the actions the council will take to address this emergency;
- include climate change in the Council Register of Strategic Risks;
- include climate risk as a category in reports to council meetings and boards;
- establish a cross-party working group to examine in detail what actions could be taken to address this emergency;
- investigate the feasibility of setting up a revolving fund for energy efficiency improvements to buildings within the council estate; and
- report to Full Council before the end of the financial year 2019/20 with the actions the Council has, and will take, to address this emergency.

2. 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 December 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/media/1767/Carbon-Management-Plan-2014-2020/pdf/CarbonManagementPlan2014-2020.pdf?m=1459247197793>

3. Flood Risk Prevention: The Council is a member of the Clyde & Loch Lomond Flood Risk Management Local Plan District. This is a partnership involving Scottish Water, SEPA, the Forestry Commission, the National Parks Authority for Loch Lomond and the Trossachs Park and 10 local authorities, priorities across the area have been set with regard to detailed studies to address flood risk.

The first Flood Risk Management Plan was published in June 2016 and has two cycles covering the period 2016/22 and 2022/28. Actions currently ongoing and on target include:

- Surface Water Management Plan / Study of Hillington / Cardonlad / Penilee area jointly progressing with Glasgow City Council to identify the most sustainable suite of options to manage flood risk from all sources. Completion is imminent regarding Renfrewshire Council's collaboration agreement, as proposed measures are wholly within GCC boundaries, and wholly benefiting GCC, for this cross Local Authority Boundary catchment investigation.
- An integrated catchment study with Inverclyde Council and Scottish Water covering the Erskine Waste Water Treatment Catchment area (i.e. all of Renfrewshire excluding Paisley, Langbank, Lochwinnoch and Renfrew sewerage catchment areas) is ongoing. The study will identify the catchment needs resulting from the combined flood risk from the interaction between sewers, rivers and surface water and will inform future surface water management plans and flood studies to identify the most sustainable combination of measures to reduce overall flood risk to the community, infrastructure, the environment and cultural heritage. The project is programmed for completion in October 2019.
- Maintain a schedule of watercourse assessment and repair, and action measures resultant. This aids the Local Authority in prioritising limited resources to the areas of the community most at risk, in line with Scottish Government policies on Sustainable Flood Risk Management

Additional Statutory compliance to the Flood Risk Management (Scotland) Act, 2009

- Maintain a schedule of watercourse assessment and repair, and action measures resultant.
- Record all flood events and pass to SEPA.
- Map all watercourses and Sustainable Urban Drainage Systems as an ongoing action.
- Maintain all constructed flood schemes.
- Promote Sustainable development through sustainable flood risk management policies being embedded in the local development plan, structure plan, and development management supplementary planning guidelines.
- Ensure no Renfrewshire Council action contravenes the published Flood Plan or Strategy.
- Ensure the Flood Plan and Strategy is effectively integrated to all other Renfrewshire Council published Plans / Strategies / Policies, and vice versa

4. Renfrewshire Local Development Plan: The Local Development Plan is a document that facilitates and guides the future use of land within Renfrewshire providing a map based guide for shaping the area over the next ten years. The Plan is informed by extensive consultation and a wide range of plans, policies and strategies. The current Renfrewshire Local Development Plan was adopted in 2014.

Renfrewshire Council are currently preparing the next Local Development Plan which is programmed for adoption by the Council in 2020. The preparation process for the next Renfrewshire Local Development Plan is outlined in the Council's web pages at www.renfrewshire.gov.uk/article/3070/Preparation-of-the-next-Local-Development-Plan

The Renfrewshire Local Development Plan and the Proposed Plan are supported by a number of documents including an Environmental Report and Habitats Regulation Appraisal. These documents help ensure that the protection and enhancement of the environment is central to the plan and that policies, proposals and strategies support measures to adapt to the likely effects of climate change and do not have a significant negative impact on the environment or the Special Protection Areas within Renfrewshire.

Extensive consultation has been carried out in preparing the Renfrewshire Proposed Local Development. The Proposed Local Development Plan was approved by Communities, Housing & Planning Policy Board on the 12th March 2019 as the settled view of the Council. Consultation is a statutory requirement which allows individuals, community organisations, businesses, land owners, developers and public agencies to submit representations to the Council on the content of the Plan.

The updated Renfrewshire Local Development Plan will continue the focus of sustainable economic growth within Renfrewshire, identifying where there are opportunities for change, regeneration and enhancement, and directing developments to locations that are economically, socially and environmentally sustainable.

The Proposed Renfrewshire Local Development Plan continues to promote sustainable patterns of development that contribute towards minimising carbon and greenhouse gas emissions and support the adaptations to the likely effects of climate change.

5. Investment in Renfrewshire:

Centre strategies prepared for Johnstone, Renfrew, Erskine, Linwood and Braehead capture opportunities which have a positive impact on the environment, such as the promotion and delivery of active travel projects which encourage sustainable modes of transport. These strategies are currently being prepared and they will continue to promote and deliver projects which improve environments for local communities and support the Council's wider approach to climate change.

The ongoing regeneration of Community Growth Areas at Johnstone South West and Dargavel Village, Bishopton are underpinned by plans which seek to positively impact on the environment, particularly through integrated green infrastructure which address surface water, access and habitat improvements.

Renfrewshire's City Deal Projects

The £1.13bn Glasgow City Region City Deal is an agreement between the UK Government, the Scottish Government and eight local authorities across the Glasgow City Region, including Renfrewshire Council. The City Deal will bring thousands of jobs to the Glasgow City Region through major infrastructure projects, drive innovation and growth through the support of key sectors such as life sciences and address challenges in the region's labour market.

Renfrewshire will benefit from an investment of £274m in three of the biggest City Deal infrastructure investments; the Airport Access Project, the Clyde Waterfront and Renfrew Riverside project and the Glasgow Airport Investment Area project.

Together these projects will transform local and regional connectivity and will help to make Renfrewshire a more attractive, vibrant and sustainable place to live and work by better connecting communities and businesses; resulting in more employment opportunities for residents in Renfrewshire and the wider City Region.

Future Paisley: We continue to drive forward Paisley's far reach and groundbreaking cultural regeneration plans, moving forward from Bid Legacy to Future Paisley. Paisley's Bid to be UK City of Culture 2021 has resulted in the development of a programme of investment and action to transform the town through cultural regeneration. Proposals are being taken forward to transform Paisley's town centre venues and cultural infrastructure while supporting work to promote Paisley as a visitor destination and drive new footfall into the town centre and preserve the areas architectural heritage and culture. Projects include Paisley Museum Reimagined, the transformation of Paisley Town Hall, and a new state-of-the-art library and cultural centre in the High Street, and modernisation of Paisley Arts Centre. These projects all offer the opportunity of climate change adaptability and opportunities for climate change mitigation.

This is being delivered by the Paisley Partnership Board, with the Council committing over £100m investment to transform Paisley's town centre venues and outdoor spaces over the next few years. The investment is central to the wider plan to use the town's unique heritage and cultural assets to transform its future

www.renfrewshire.gov.uk/article/2048/Priority-1-Physical-and-economic-regeneration

Strategic Housing Investment Plan

The Strategic Housing Investment Plan sets out how investment in affordable housing will be targeted to meet the objectives of Renfrewshire's Local Housing Strategy 2016-2021 and meet the affordable housing supply target of 200 homes each year to 2021.

The Strategic Housing Investment Plan supports the building of new homes in sustainable locations which helps regenerate communities including the re-development of vacant sites and regeneration at Paisley West End, Millarston, Glenburn and Ferguslie and the delivery of new Council homes at Johnstone Castle and Dargavel Village.

The Strategic Housing Investment Plan continues to encourage and maximise opportunities for energy efficiency and promote the incorporation of greener measures in future new build developments

2(g) 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 with the development of the CCAT tool for use by other Local Authorities.

As such, our initial scores are as follows and were achieved using the CCAT prototype in December 2014.

Governance = 50%,

Mitigation = 95%,

Adaptation = 17% and

Behaviour Change = 46%.

2(h) Supporting information and best practice

Supporting the provisions of the Planning (Scotland) Act 2019, Renfrewshire Council undertook one of Scotland's first Local Place Plans for the Foxbar neighbourhood of Paisley over 2018.

Some 40 organisations and over 120 local people were engaged in the preparation of the plan over a series of public events. Environmental issues were a key consideration during the consultation process and are reflected in the outcomes of the plan, with parks and greenspaces being identified as one of four key themes

A range of projects, which include active travel, community growing and improvements to the local park, are now being delivered and will have strong positive environmental benefits.

Guidance has been prepared by the Council to support other communities across Renfrewshire to prepare Place Plans, providing the basis for further environmental enhancements within the area.

As a member of the Glasgow and Clyde Valley Green Network Partnership (GCVGNP), Renfrewshire Council has also contributed to the publication of a Green Network 'Blueprint' document which provides a strategic framework for access and habitat improvements across Glasgow and the Clyde Valley. The outcomes of the Blueprint document will be reflected in the emerging revision of the Renfrewshire Core Path Plan and emerging Renfrewshire Green Network Strategy.

PART 3: EMISSIONS, TARGETS AND PROJECTS

Emissions								
3a Corporate emissions from start of baseline year to end of report year								
Reference year	Year	Year type	Scope 1	Scope 2	Scope 3	Total	Units	Comments
Baseline carbon footprint	2012/13	Financial (April to March)	19749	19521	14259	53,529	tCO ₂ e	Scope 2 emissions include electricity for buildings and streetlighting
Year 1 carbon footprint	2013/14	Financial (April to March)	-	-	-	-	tCO ₂ e	The year 2013/14 was the final year of our old CMP. Therefore, no data included
Year 2 carbon footprint	2014/15	Financial (April to March)	16955	19441	9579	45,975	tCO ₂ e	This is the first year of the CMP, using 2012/13 as the baseline year
Year 3 carbon footprint	2015/16	Financial (April to March)	14473	15317	11,299	41,089	tCO ₂ e	Scope 3 includes the transmission and distribution of electricity in buildings and street lighting
Year 4 carbon footprint	2016/17	Financial (April to March)	11,843	13,346	2,112	27,301	tCO ₂ e	-
Year 5 carbon footprint	2017/18	Financial (April to March)	12,258	7,555	1557	21,370	tCO ₂ e	-
Year 6 carbon footprint	2018/19	Financial (April to March)	11,826	7,434	1,225	20,485	tCO ₂ e	

3b Breakdown of emissions sources

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

Emission source	Scope	Consumption data	Units	Emission factor	Units	Emissions (tCO ₂ e)
Grid Electricity (generation)	Scope 2	2,0872,704	kWh	0.28307	kg CO ₂ e/kWh	5,908.44
Grid Electricity (transmission & distribution losses)	Scope 3	2,0872,704	kWh	0.02413	kg CO ₂ e/kWh	503.66
Natural Gas	Scope 1	43,310,309	kWh	0.18396	kg CO ₂ e/kWh	7,967.36
Gas Oil	Scope 1	0	kWh	0.2758764	kg CO ₂ e/kWh	0.00
Water - Supply	Scope 3	217,057	m ³	0.344	kg CO ₂ e/m ³	74.67
Water - Treatment	Scope 3	206,204	m ³	0.708	kg CO ₂ e/m ³	145.99
Diesel (average biofuel blend)	Scope 1	140,1513	litres	2.62694	kg CO ₂ e/litre	3,681.69
Petrol (average biofuel blend)	Scope 1	80,378	litres	2.20307	kg CO ₂ e/litre	177.08
Car - diesel (average - unknown engine size)	Scope 3	2,087,344	km	0.17753	kg CO ₂ e/km	370.57
Grid Electricity (generation)	Scope 2	5,390,188	kWh	0.28307	kg CO ₂ e/kWh	1,525.80
Grid Electricity (transmission)	Scope 3	5,390,188	kWh	0.02413	kg CO ₂ e/kWh	130.07
					Total	20,485.32

3c Generation, consumption and export of renewable energy

Technology	Renewable Electricity		Renewable Heat		Comments
	Total consumed by the organisation (kWh)	Total exported (kWh)	Total consumed by the organisation (kWh)	Total exported (kWh)	
pv	228,198	0		0	
Biomass			1,288,640		

3d Targets

Name of Target	Type of Target	Target	Units	Boundary/scope of Target	Progress against target	Year used as baseline	Baseline figure	Units of baseline	Target completion year	Comments
Carbon Management Plan	absolute	46388	tCO ₂ e reduction	All emissions	23681	2012/13	53515.01	tCO ₂ e	2019/20	The reduction from 53,515 tonnes to 23,681 tonnes is a saving of 55.7%.

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	69	LED lights and PV
Natural gas	139	Boiler replacements
Other heating fuels	187	Oil to gas boiler conversion
Waste	2,753	Increased recycling
Business Travel	68	Introduction of electric pool cars

3f Detail the top 10 carbon reduction projects implemented by the organisation in the report year									
	Project name	Funding source	First full year of CO ₂ e savings	Capital cost (£)	Operational cost (£/annum)	Project lifetime (years)	Primary fuel/emission source saved	Estimated carbon savings per year (tCO ₂ e/annum)	Estimated costs savings (£/annum)
	Boiler replacements	Self funded	2018/19	500,000			Natural Gas	326	59,000

3g Estimated decrease or increase in the body's emissions attributed to factors (not reported elsewhere in this form) in the report year	0
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3h Anticipated annual carbon savings from all projects implemented by the body in the year ahead		
Source	Saving	Comments
Electricity	386	Largest saving from migrating data centre to the cloud.
Electricity	50	LED in schools

PART 4: ADAPTATION

4(a) Has the organisation assessed current and future climate-related risks?

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

'Risk Matters' is the Council's combined risk management policy strategy and strategy. In keeping with Risk Matters, the Council has a strategic and corporate risk register, each service department has its own risk management plan. Climate related risks and vulnerabilities are considered in some detail and are recorded in the Corporate Risk Register as well as being reflected within the relevant service plans.

The Council's Corporate Risk Register is approved by the Audit, Risk and Scrutiny Board each year and is monitored on an ongoing basis by the Corporate Risk Management Group. The current corporate risk register was approved on 29 May 2018. This includes the Corporate Risk 'Climate change, sustainability and adaptability.' This corporate risk is currently assessed as a moderate risk and is owned by the Director of Finance and Resources. 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:

- 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;
- 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.

4(b) 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 Plan District. In June 2016, the first Flood Risk Management Plan was published for this area. Through a partnership involving Scottish Water, the National Parks Agency, the Forestry Commission, SEPA and 10 local authorities. Priorities across the area have been set with regard to detailed study to address flood risk.

There is a prioritised programme of flood studies and flood surface water plans for several areas across Renfrewshire which commenced in 2017/18. An integrated catchment study with Inverclyde Council and Scottish Water covering the Erskine Waste Treatment Catchment area (i.e. all of Renfrewshire excluding Paisley, Langbank, Lochwinnoch and sewerage catchment areas).

Any studies completed by December 2019 through flood strategy process will be put forward by the Scottish Government for funding prioritisation. A collaborative Surface Water Management Plan with Glasgow City Council covering Hillington and Cardonald will be put forward by Renfrewshire Council. Funding for such studies will be available from December 2022. Capital funding within this is not ring fenced.

Sustainable flood risk management is ensured throughout the relevant Council policy and plans. For example, through the production of:

- Local Development Plan
- Supplementary planning guidelines
- Land/housing policy
- Civil Contingency Plans
- Asset management (roads, water courses, buildings)

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. In excess of 300 ground floor properties have been protected. 700 above ground floor are now protected and are accessible for people.

Metropolitan Glasgow Strategic Drainage Plan

The Metropolitan Glasgow Strategic Drainage Plan and Partnership has worked in parallel to the Clyde & Loch Lomond Local Plan District (Flood Risk Management Area). It involves local authorities and partners across the metropolitan area and incorporates relevant climate change allowances in all activities.

Sewer capacity has been a constant development as well as posing increased flood risk. In Renfrewshire, a £20m investment in sewer capacity, on the south side of Paisley has commenced. When this 18 month capital project is complete, there will be a reduction in the environmental from sewer discharges to the water environment.

Waste Service Change

In December 2018 Renfrewshire Council delivered a transformational waste and recycling service change which significantly altered the way that waste and recycling is collected from households. The service changes completely re-routed collections across the whole of Renfrewshire, affecting 90,000 households, 1200 commercial waste customers.

The objectives of the Council's waste strategy and associated changes to the waste collection service as set out in the report to Policy board in November 2017 were to:

- Reduce the amount residual waste produced by households
- Increase the amount of waste that is recycled
- Segregate recycling material to improve the quality and quantity of recyclate, which would in turn make it easier and more cost effective to process for recycling.
- All of the above supporting transition to compliance with the Scottish Government's objective of recycling 60% of household waste by 2020.

The Service Change was implemented in December 2018, with householders transitioning over December from a two weekly to a three weekly residual waste collection for around 67,000 households; Provision of an additional recycling bin for all Renfrewshire households to separate their recyclate into two distinct streams of paper & cardboard, plastics, cans & glass.

The Service Change is progressing well, delivering positive outcomes, supporting the strategic objectives of the service change through the approach taken by Renfrewshire's households to reduce their residual waste and presenting more recyclable waste shown through:

-
- Residual waste tonnage from households dropping by 11.5%
 - 42.6% increase in waste presentation from households in their food and garden bins
 - Overall increase in recycling, with a 4.4% increase in recycling over the same time period in 2018, taking the recycling figures to June 2019 to 52.3%
 - Processing costs of the separated recyclate streams is less than the mixed recyclate, delivering the cost efficiency agreed by Policy Board.

Sustainable Travel Planning

The Council has embedded sustainable travel planning to: encourage more efficient and effective methods of sustainable travel; increase the use of electric vehicles; improve fleet utilisation; introduce a pool vehicles service; and expand the electric vehicle charging infrastructure in Renfrewshire.

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. Air Quality has been identified as an issue at certain locations with Renfrewshire including Paisley Town Centre, Johnstone High Street and Renfrew Town Centre and Air Quality Management Areas have been declared at these locations.

The Renfrewshire Air Quality Action Plan covering the three air quality management areas in Renfrewshire is now complete and being delivered. The action plan was subject to consultation with the Scottish Government, SEPA, neighbouring local authorities and the public. The plan was approved by the Infrastructure, Land and Environment Policy Board in March 2019.

Strategic Planning

Renfrewshire Council is one the eight councils within the Glasgow City Region who work together to prepare, maintain and monitor an up to date Strategic Development Plan (Clydeplan) for the Glasgow city region. The preparation of Clydeplan involves the engagement through joint working and consultation with a number of key stakeholder organisations and the wider community. Following the consultation on the Clydeplan Main Issues Report and Clydeplan Proposed Plan, Clydeplan was approved by Scottish Ministers on 24th July 2017.

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.

Throughout the preparation of Clydeplan, Renfrewshire Council in addition to the other seven constituent authorities and Clydeplan staff worked closely together to ensure that full consideration has been given to climate change adaptation and mitigation. Climate change adaptation is incorporated throughout Clydeplan and sets the framework which supports the region to build resilience and adapt ensuring the City Region is a low carbon place.

The Climate Ready Clyde project is a cross-sector initiative funded by the Scottish Government and the partners include the eight constituent local authorities including Renfrewshire council, University of Glasgow, University of Strathclyde, NHS, Transport Scotland, SPT, SEPA and SGN. The project is to create a shared vision, strategy and action plan for an adapting Glasgow City Region. The project aims to develop a clear strategic approach to allow the City Region to become climate ready in response to the future climate changes. Climate Ready Clyde brings the partners together to work strategically to minimise the risks of climate change and build on the opportunities this brings for our economy, society and environment. The aim is to publish a City Region Adaptation Strategy and Action Plan by 2020.

Renfrewshire Local Development Plan

The current Renfrewshire Local Development Plan was adopted in 2014 and provides the spatial development strategy for the next 5-10 years. Renfrewshire Council are currently preparing the next Local Development Plan that is programmed for adoption in 2020.

The Proposed Local Development Plan was approved by Communities, Housing & Planning Policy Board on the 12th March 2019 as the settled view of the Council.

Extensive consultation has been carried out in preparing the Renfrewshire Proposed Local Development. This consultation has provided individuals, community organisations, businesses, land owners, developers and public agencies the opportunity to influence and shape the content of the Plan.

The Renfrewshire Local Development Plan and the Renfrewshire Proposed Local Development Plan are supported by a number of documents including a Strategic Environmental Assessment and a Habitats Regulation Appraisal. The Strategic Environmental Assessment ensures that the environment is given the same level of consideration as social and economic factors.

The Strategic Environmental Assessment illustrates the potential effects that the policies and proposals contained within the Proposed Local Development Plan may have on the environment including on Climate Change and where possible identifies measures to mitigate any environmental effects of the plan including adaption.

A Habitats Regulations Appraisal has also been prepared to assess whether the Proposed Renfrewshire Local Development Plan is likely to have a significant effect on any Natura 2000 (European) site whether alone or in combination within any other policy or plan. Following the Appraisal process of screening, applying mitigation and rescreening, the Appraisal concluded that the implementation of the policies in the Proposed Renfrewshire Local Development Plan will not have any adverse effects on the site integrity of any Natura 2000 sites, either alone or in combination. These documents help ensure that the protection and enhancement of the environment is central to the plan.

A Strategic Flood Risk Assessment was also undertaken as part of the preparation of the Proposed Local Development Plan. It has also informed the Strategic Environmental Assessment. The main aim of the Strategic Flood Risk Assessment was to inform the Renfrewshire Local Development Plan by providing a strategic overview of flood risk in Renfrewshire. In undertaking this assessment alongside the preparation of the Plan, it ensures new development should where possible avoid areas effected by flood risk., thereby ensuring that the overall risk of flooding is not increased.

The Proposed Renfrewshire Local Development Plan continues the focus of sustainable economic growth within Renfrewshire, identifying where there are opportunities for change, regeneration and enhancement, and directing developments to locations that are economically, socially and environmentally sustainable. The Proposed Renfrewshire Local Development Plan continues to promote sustainable patterns of development that contribute towards minimising carbon and greenhouse gas emissions and support the adaptations to the likely effects of climate change through the policy framework.

Provision has been made in the Proposed Local Development Plan for the 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 the Council's Flood Management Strategy.

Supporting Successful Places

The delivery of successful and sustainable places 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 place making within Renfrewshire in order to protect its communities now and in the future.

This is reflected in the range of work undertaken by the Council in relation to place, including the preparation of Centre Strategies, Local Place Plans and strategies for integrated green infrastructure at the Community Growth Areas of Johnstone South West and Dargavel Village.

The delivery of these strategies and projects strongly support the enhancement of natural environment resources across Renfrewshire and reflect policies within the Council's corporate policy framework, such as the Local Development Plan, which support the creation and enhancement of sustainable communities.

There are many examples, including, the implementation of a Surface Water Drainage Strategy at the former Royal Ordnance Factory at Bishopton for the new Dargavel Village, the largest and final phase of the North Renfrew Flood Prevention Scheme and the development of the Surface Water Management Plan for Johnstone South West Community Growth Area., supporting an Integrated Green Network and facilitating the delivery on the ground.

Renfrewshire's Vacant and Derelict Land Strategy

Renfrewshire Council have prepared a Vacant and Derelict Land Strategy which was published in 2018. The Strategy aims to help reduce vacant and derelict land which has the potential to regenerate neighbourhoods, improve local environments and create employment. There are five key themes to address the levels of Vacant and Derelict land across Renfrewshire:

- Theme 1 – Utilise City Deal Investment to support sustainable economic growth and unlock development potential of stalled sites;
- Theme 2 – Prioritise housing development on brownfield and previously used land;
- Theme 3 – Supporting development in town centres;
- Theme 4 – Consider the potential of innovative delivery mechanisms; and
- Theme 5 – Encourage the creation of amenity green space where future redevelopment is not currently viable.

Through these aims the Council aims to reduce the amount of vacant and derelict land in Renfrewshire by promoting new commercial and residential developments on previously used sites in sustainable locations within settlements.

This Strategy will be updated in 2019/20 to build upon progress made and update the range of actions to further reduce the amount of vacant and derelict land which will help regenerate and enhance neighbourhoods across Renfrewshire. Identifying actions to promote the redevelopment and/or re-use of brownfield and previously used land helps enhance places and supports sustainable economic growth.

Renfrewshire's City Deal Projects

The £1.13bn Glasgow City Region City Deal is an agreement between the UK Government, the Scottish Government and eight local authorities across the Glasgow City Region, including Renfrewshire Council. The City Deal will bring thousands of jobs to the Glasgow City Region through major infrastructure projects, drive innovation and growth through the support of key sectors such as life sciences and address challenges in the region's labour market.

Renfrewshire will benefit from an investment of £274m in three of the biggest City Deal infrastructure investments; the Airport Access Project, the Clyde Waterfront and Renfrew Riverside project and the Glasgow Airport Investment Area project.

Together these projects will transform local and regional connectivity and will help to make Renfrewshire a more attractive, vibrant and sustainable place to live and work by better connecting communities and businesses; resulting in more employment opportunities for residents in Renfrewshire and the wider City Region.

The City Deal projects in Renfrewshire had four key sustainability objectives, which are as follows:

- To connect opportunities for environmental improvements with community benefit;
- To adopt and record sustainable resource management in design and construction of each project;
- Minimise whole life carbon associated with the project;
- To facilitate opportunities for learning through each of the projects.

The Airport Access project (AAP) will provide a fixed link between Glasgow Central Station and Glasgow Airport via Paisley Gilmour Street station. This will make it easier for passengers to get to the airport and help local employees to get to work there while also improving access for other businesses in the area.

The Clyde Waterfront and Renfrew Riverside project (CWRR) aims to regenerate parts of the Clyde Waterfront as an attractive area supporting residential, industrial, business, retail and leisure opportunities. Scottish Government ministers granted planning consent on Friday 16 November 2018 for the Clyde Waterfront and Renfrew Riverside (CWRR) project. This enables the construction of:

- a new opening bridge across the River Clyde, which can accommodate vehicles, cyclists and pedestrians;
- new roads linking Inchinnan Road in the south, Ferry Road / Kings Inch Road in the east and Dock Street in the north, to the bridge;
- shared footway and cycleway along all new and improved roads;
- buildings to enable plant and control facilities for the bridge; and
- appropriate landscaping and ancillary infrastructure.

This work will provide better links for the communities on both sides of the river including Renfrew, Yoker and Clydebank. The tendering for the construction contract and land assembly are both underway. Construction is expected to start in 2020 and be complete in 2023.

The Glasgow Airport Investment Area project (GAIA) will deliver the realignment of Abbotsinch Road, a new bridge across the White Cart and new cycle routes; all aimed at improving connections between the Westway, Inchinnan and Airport Business Parks and enabling the delivery of the emerging Advanced Manufacturing Innovation District Scotland (AMIDS). The district – the only one of its kind in Scotland – will be internationally-recognised for advanced manufacturing, leading innovation and research and driving sustainable growth in the Scottish economy. This investment in infrastructure will help to make Renfrewshire a more attractive, vibrant and sustainable place to live and work by better connecting communities and businesses; resulting in more employment opportunities for residents in Renfrewshire and the wider City Region. Renfrewshire Council's Communities, Housing & Planning Policy Board granted planning consent on 07 November 2017 for the main GAIA works. A further planning application for the GAIA project comprising a new cycling and pedestrian bridge over the Black Cart was also approved in August 2018. To help address common planning, environmental and statutory requirements for the future development at AMIDS, planning permission in principle was also approved by Renfrewshire Council's Communities, Housing & Planning Policy Board on 26 March 2019. Construction of the enabling (GAIA) works commenced in summer 2019 and are expected to be complete by early 2021.

A key aspiration of AMIDS, in alignment with the vision for the core AMIDS site to become 'internationally recognised for innovation', is for the carbon footprint of development across the district to be minimised. The project team, supported by partners including Scottish Enterprise and the Scottish Government's Low Carbon Infrastructure Transition Programme (LCITP), are investigating opportunities for on-site generation of renewables and low and zero carbon technology at the AMIDS site. This is further evidenced in the Enhanced Masterplan, which has 'sustainability' as 1 of 6 key principles, setting out a number of tactics that can help AMIDS demonstrate exemplar sustainability practices to reduce energy consumption across the site.

The environmental impact of all three Renfrewshire City Deal projects were considered at a regional level as part of the Clydeplan Strategic Development Plan and again through the Environmental Assessment of Policy E2 - City Deal Investment Framework Policy in the Renfrewshire Local Development Plan Proposed Plan. The environmental impacts of the CWRR and GAIA projects have also been considered as part of the planning application process for each project, on both a stand-alone and cumulative level to ensure that the potential combined impacts of both projects are fully understood and mitigated where required. The proposed developments been designed to be sufficiently resilient to projected climate changes, but also the surrounding environment is not predicted to encounter any significant climate change effects.

Biodiversity

Renfrewshire Council has continued to lead on the implementation of the Renfrewshire Biodiversity Action Plan 2018-2022, following its approval by the Council's Communities, Housing and Planning Policy Board in May 2018. Although authored by the Council, this is a partnership document endorsed and supported by 25 biodiversity organisations active in its area.

- Several actions undertaken by the Council to improve biodiversity conservation have included:
- Starting to implement the Scottish Forestry approved Muirshiel Country Park Woodland Management Plan by felling about 7 hectares of non-native Sitka Spruce plantation and replacing this monoculture with mixes of native trees which will eventually establish as Lowland Mixed Deciduous Woodland, Upland Oakwood and Upland Birchwood – all priority habitats on the Scottish Biodiversity List.
- More locally propagated and rare native Juniper shrubs have been planted within protected areas within the Renfrewshire Heights Special Protection Area.
- Clyde-Muirshiel Regional Park has spearheaded the Tag-n-Track Project on Lesser Black-backed Gulls, one of the area's species on the Birds of Conservation Concern schedules. Small signal emitting tags were attached to birds prior to their annual migration and then they were tracked by satellites, revealing important new information about the migration timing, routes and destinations of this bird species.
- Conservation volunteers have continued to be coordinated and led by Ranger staff at both Clyde Muirshiel Regional Park and Gleniffer Braes Country Park.

- A partnership project with Butterfly Conservation Scotland led to the organisation's "Bog Squad" being deployed at Sergeantlaw Moss on several occasions to carry out conservation management on Renfrewshire's most important surviving Lowland Raised Bog habitat – which is part of the Council's Gleniffer Braes Country Park. Volunteers removed invading birch scrub and installed ditch-blocking dams to keep the surface of the peat wet and encourage new growth of CO2 absorbing Sphagnum moss.
- Another partnership project with Froglife UK led to the excavation of 20 new ponds (or re-excavation of silted-up ponds on Council-owned land in and around Paisley. Froglife then carried out an extensive community engagement programme at Gleniffer Braes Country Park, Barshaw Park and Jenny's Well Local Nature Reserve which included habitat management training and instruction in the field identification of amphibians. A stand – including an innovative virtual reality life of a toad experience - was also taken at three public events: Barshaw Park Gala Day, Renfrew Gala Day and the Grow in Glenburn Open Day.
- Efforts have been made to involve local biodiversity partners in the development of a community engagement strategy for Renfrewshire's biodiversity.
- Preliminary investigations with local biodiversity partner organisations have also been made into the feasibility of producing a Renfrewshire State of Nature Report, to echo equivalent reports produced nationally and internationally.
- Renfrewshire Council has brought together statutory conservation agencies with BAE Systems and their agents to ensure that the planned Dargavel Community Woodland Park maximises opportunities to conserve and enhance biodiversity as the remediation and regeneration of the former ROF Bishopton site proceeds over the next two decades.

Renfrewshire Council has continued to play a lead coordinating role in the cross-border Local Biodiversity Action Plan Steering Group.

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 next Renfrewshire Biodiversity Duty Report is due to be published at the end of 2020 and will expand on the above headline activities.

Forestry

Renfrewshire Council was involved in the development of the Forest and Woodland Strategy for the Clydeplan area as part of the development of Clydeplan Strategic Development Plan. 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 Forest and Woodland Strategy identified priority locations for woodland management and expansion in the Clydeplan area.

Renfrewshire Council are working with the other Clydeplan authorities to develop an updated Forest and Woodland Strategy and a draft will be published towards the end of 2019. The review of the Forestry and Woodland Strategy will take a more detailed look at the role of forestry and climate change mitigation and adaptation. This review will feed into a Forestry and Woodland Guidance which will assist in the protection of existing woodlands and the delivery of national woodland creation targets. It will ultimately set the context for forest management and expansion across Renfrewshire.

4 (c) What actions have the organisation taken to adapt to climate change?

Building Adaptive Capacity

Energy Awareness

Energy and Carbon awareness campaigns are regular features and there is information on the Council's intranet regarding energy and carbon saving actions, such as during the Talk Money Week in November 2018 where staff were given information and free tips on how to save energy and money.

Training

Renfrewshire Council is an active member of the Sustainable Scotland Network and officers from relevant services have attended adaptation focused events. Sustainable Scotland network have set up a Local Authority Forum which aims to foster sector specific discussion, to consider the climate challenges and opportunities facing local government in Scotland, including space for valuable networking. The forum which meets later this year will examine and define the contribution that local government can make in Scotland to climate action and mitigation

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 Clydeplan Strategic Development Plan and in the emerging Renfrewshire Local Development Plan.

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 Renfrewshire Local Development Plan, the Proposed Local Development Plan and Clydeplan provide a policy framework for assessing climate change risks from proposed developments. A Strategic Flood Risk Assessment was undertaken of both the Adopted Local Development Plan and Proposed Local Development Plan which directs new development to sustainable locations and where possible avoid areas of flood risk, thereby ensuring that the overall risk of flooding is not increased. This is an important element of the climate risk assessment for land use within Renfrewshire.

All potential development sites that are proposed in the Local Development Plan have been evaluated in terms of their sustainability and any likely climate related impacts have been identified through the Strategic Environmental Assessment. Mitigation and adaptation to climate change and flooding are included in this assessment.

The work between the Council and SEPA relating to flooding and the development of the Clyde and Loch Lomond Flood Risk Management Strategy has set a framework for action for the Council to address flooding in areas at most risk.

Renfrewshire Council's Outdoor Access Strategy 2016-2026 reviews 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 partners.

The Renfrewshire Biodiversity Action Plan 2018 – 2022 was approved by Renfrewshire Council's Communities, Housing & Planning Board in May 2018. The Plan was prepared in partnership and reflects the priorities of some 25 biodiversity organisations from the public, private and voluntary sectors. The Biodiversity Action Plan sets out a positive and ambitious approach to support the conservation, promotion and enhancement of biodiversity across Renfrewshire. The implementation of the plan is progressing well, and the actions developed and delivered will assist Renfrewshire's characteristic habitats and species to be more resilient to the impacts of climate change.

Partnership working

The Council works in partnership with organisations and individuals on discrete projects, for example:

- 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 of 50+ organisations that includes Council officers, the Renfrewshire Health & Social Care Partnership, allotment associations, community gardening groups, local housing associations, community development trusts and other community and capacity building organisations. Quarterly meetings take place and facilitate the Council's support of the community growing sector. Regular email updates are sent between meetings and the Council coordinates a Facebook page for the Forum. The Forum works to support local residents and groups to increase the quantity and quality of growing ground opportunities for people across Renfrewshire, working collaboratively to promote community growing across Renfrewshire. In recent years the group has supported the enhancement of existing grounds and creation of new spaces in line with community aspirations, assisting to reclaim vacant and derelict land. In turn, the work of the group supports the creation of attractive, sustainable places.

- The Council continues to support the Local Outdoor Access Forum which meets regularly to discuss access related matters and ways of improving public access and advise on access rights, rights of way and core paths. 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. The forum was involved in developing the Renfrewshire Outdoor Access Strategy 2016-2026 which encourages active travel and making non-motorised access easier.
- The Council are working with partners through the Renfrewshire Strategic Energy Group (RSEG) to promote, develop, and deliver energy strategies and sustainable energy efficient initiatives in Renfrewshire to help achieve national targets. The Local Development Plan Delivery Programme will align with and support the emerging energy strategies and initiatives of the RSEG.
- Through the partnership approach of the Metropolitan Glasgow Strategic Drainage Partnership, being a member of Clyde and Loch Lomond Local Plan District along with the Clyde Area Advisory Group for River Basin Management, Renfrewshire Council aim to support improvements to drainage infrastructure and reduce flooding and flood risk whilst improving the condition of water bodies, improving habitats and enabling development.
- The Climate Ready Clyde project is a cross-sector initiative funded by the Scottish Government and the partners include the eight constituent local authorities including Renfrewshire council, University of Glasgow, University of Strathclyde, NHS, Transport Scotland, SPT, SEPA and SGN. The project is to create a shared vision, strategy and action plan for an adapting Glasgow City Region. The project aims to develop a clear strategic approach to allow the City Region to become climate ready in response to the future climate changes. Climate Ready Clyde brings the partners together to work strategically to minimise the risks of climate change and build on the opportunities this brings for our economy, society and environment. The aim is to publish a City Region Adaptation Strategy and Action Plan by 2020.

Communication

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. Another example was the advice given to staff via the intranet during the Talk Money Week in November 2018.

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

Renfrewshire 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.

Fair Trade

The Council has continued to support the fair trade movement across Renfrewshire. Renfrewshire assisted the transportation of a dye vat being moved from Paisley Thread Mill Museum to a recipient based in Cambodia. The process of the dye vat being moved from Paisley to Cambodia started when Anak Norm, director of Villageworks Cambodia visited Paisley to promote the fair trade movement. Villageworks employs craft workers and supports women in rural areas who are able to work from home and provide childcare rather than migrate to the factory in Phnom Penh. Anak visited the Paisley Thread Mill Museum after attending a fair trade film presentation at the Tannahill Centre and noted that the dye vat would be a substantial improvement from the technology available in Cambodia for dying materials. Taking note of Anak's comments, the Renfrewshire Fair Trade Steering Group provided funding to support the vat being moved from a holding area in Underwood Road to its destination in Cambodia.

Renfrewshire Council also became the first local authority to recognise the new International Fair Trade Charter. The charter is a document which outlines the purpose and aims of the two largest fair trade organisations, the World Fair Trade Organisation and Fairtrade International.

The Renfrewshire Fair Trade Steering Group also supported several fair trade events, including one at Mary Russell School. Aimable Nshimiye, a coffee producer from Rwanda, visited Mary Russell to speak about how being a Fairtrade certified farmer benefited him and his community. The event was attended by a number of local secondary schools.

The group also supported an event at St Mirren Park for primary schools, where pupils attended various fair trade related workshops. Providing workshops at the event were Rainbow Turtle, Bala Sport, WOSDEC and the St Mirren Women's football team.

Dargavel Village, Bishopton

Dargavel Village is the site of a former BAE Systems Royal Ordnance Factory to the south west of Bishopton. At 964 hectares it is one of the largest brownfield sites in Scotland and has been subject to major regeneration as a Community Growth Area of 4,000 new homes, associated retail, education, health and recreational facilities, along with a Green Network consisting of parks, path networks, woodland and habitat pockets.

Renfrewshire Council has worked closely with site owner BAE Systems to deliver initial phases of a long term, 25 year strategy. This been transformational, providing strategic infrastructure across the site together with over 1,000 new homes and facilities in a sustainable location.

The project has provided for major environmental benefits. Initial phases have returned over 200 hectares of vacant brownfield land to active use, significantly reducing Renfrewshire's vacant and derelict land by 20% since 2012.

A green infrastructure network has been central to early delivery. Strategic drainage, access networks and habitat features are integrated and closely aligned in a series of blue and green corridors to create multi-functional spaces which act as the spine for the development.

A programme of structural landscaping associated with the green infrastructure network has been supported by enhancement of significant existing features such as woodland across the site and the introduction of new green spaces, including a village square at the heart of the development.

A management plan for a 400 hectare new Community Woodland Park has been prepared, returning previously inaccessible land to active use over the medium to long term. The plan identifies measures to enhance access, woodland management and to support and enhance biodiversity. Planning consent has been granted for the initial phase of works at the woodland, which are anticipated to be implemented in early 2019.

In the long term, the development will have a significant legacy in successfully returning one of Scotland's largest brownfield sites into active use, creating a well connected, good quality and sustainable place.

Renfrewshire Growing Grounds Forum

The Forum has a broad membership of 50+ organisations that includes Council officers, the Renfrewshire Health & Social Care Partnership, allotment associations, community gardening groups, local housing associations, community development trusts and other community and capacity building organisations. Quarterly meetings take place and facilitate the Council's support of the community growing sector. Regular email updates are sent between meetings and the Council coordinates a Facebook page for the Forum.

The Forum works to support local residents and groups to increase the quantity and quality of growing ground opportunities for people across Renfrewshire, working collaboratively to promote community growing across Renfrewshire.

The Council has been actively supporting some of the Forum's member groups to secure new sites for grow-your-own activities in parts of Renfrewshire affected by multiple deprivation. Community Asset Transfer provisions within the Community Empowerment (Scotland) Act 2015 have been employed. For three proposed sites, one in Foxbar and two in the west end of Paisley, the transfers have been backed up by direct funding support from the Council's Community Asset Transfer Fund. Council officers have also been helping individual groups to secure match-funding for larger scale projects. This led to the April 2019 opening of the Sanctuary Garden in the west end of Paisley, where more than 40 growers will be producing their own fruit and vegetables. If the other two sites prove to be successful in their funding bids, a further 100+ people could soon become involved in grow-your-own activities.

The Council also invited the Growing Grounds Forum to spread the message about the environmental, health and social benefits of community growing by providing a high-profile platform at the 2019 Paisley Food & Drink Festival, an event attended by more than 19,000 people. Forum members groups created a colourful pop-up garden, answered horticultural questions from members of the public and presented five instruction workshops on different aspects of gardening.

The Forum provides a strong basis for a joined-up approach within the Council, where a number of Services may have an interest or responsibility in relation to community growing. The group has presented a focal point for Council services and key public and voluntary sector partners to support local communities in delivery.

During this reporting period Forum has played a key consultative role in assisting the Council to produce its first Food Growing Strategy in response to Section 119 of the Community Empowerment (Scotland) Act 2015, and this strategy will be published in spring 2020.

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 Strategic Development Plan.

A masterplan was developed as part of the Scottish Government 'Scottish Sustainable Communities Initiative' (SSCI) programme and approved by the Council. Much of the area is constrained by flooding and issues of surface water management. The masterplan is therefore underpinned by a surface water management strategy which considers development 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 for the area is now being implemented to support residential development with associated infrastructure and landscape improvements, in line with the masterplan for the area.

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. Renfrewshire Council is continuing its installation programme of external wall insulation and continues to work with housing associations, landlords and community planning partners and other sectors to reduce fuel poverty through a range of programmes.

On 19 February 2018 it was confirmed that Renfrewshire's allocation of the £49m available nationally for HEEPS:ABS was £1,518,477. Local authorities were required to submit schemes for consideration for their allocation by 6 April 2018. Following consultation with Housing Association partners, a bid of £1,518,477 was submitted. The Council was advised on 3 May 2018 of the outcome of the application process which confirmed the allocation of £1,518,477 for HEEPS:ABS projects in 2018/19. As in previous years, the projects within the bid focussed on mixed tenure blocks of solid wall construction type to support social landlords in meeting the requirements of the Energy Efficiency Standard for Social Housing (EESH).

An additional award of £224,250 was secured from the Scottish Government's Home Energy Efficiency Initiative for Scotland: Area Based Schemes (HEEPS: ABS) in October 2018 following on from previous allocations. Funds were used to extend the wall insulation programme within the Lochfield area to more owners within mixed tenure blocks.

An award of £145,720 was secured from the Scottish Government's Decarbonisation Fund to support a project to specify, install and monitor a decarbonised heating solution to be installed in flatted accommodation and to assess whether this could be rolled out on a larger scale

During 2018/19, Connect 4 Renfrewshire project funded by Big Lottery delivers money, energy and debt advice to residents of three local Renfrewshire RSLs; Linstone, Bridgewater and Williamsburgh housing associations. Partners also include Renfrewshire Association for Mental Health, Renfrewshire Council and Renfrewshire Wide Credit Union.

Following the success of the Council's energy advocacy service, the Council continued to self-fund this service.

The advocates have referral arrangements with partner groups who provide services to a wide range and number of Renfrewshire residents ensuring everyone who requires support can access it.

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

Objective	Objective reference	Theme	Policy / Proposal reference	Delivery progress made	Comments
Understand the effects of climate change and their impacts on the natural environment.	N1	Natural Environment		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.	<p>The Clyde & Loch Lomond Flood Risk Management Plan has been approved and sets priorities for flood studies across Renfrewshire.</p> <p>A Strategic Flood Risk Assessment in support of the Proposed Local Development Plan. The Strategic Flood risk assessment was published alongside the Main Issues Report and the Proposed Local Development Plan. It has also informed the Strategic Environmental Assessment.</p> <p>The main aim of the Strategic Flood Risk Assessment was to inform the Renfrewshire Local Development Plan by providing a strategic overview of flood risk in Renfrewshire.</p> <p>In undertaking this assessment alongside the preparation of the Plan, it ensures new development should be directed to areas with little or no flood risk, thereby ensuring that the overall risk of flooding is not increased.</p>
Support a healthy and diverse natural environment with capacity to adapt.	N2	Natural Environment		The Adopted Renfrewshire Local Development Plan seeks to protect and enhance the green and blue network. The Proposed Renfrewshire Local Development Plan continues to support the role that the green and blue network	<p>An Open Space Survey was prepared to support the Proposed Renfrewshire Local Development Plan.</p> <p>This data is being reviewed to inform an Open Space Strategy and a Green Network Strategy which considers green spaces across Renfrewshire.</p>

				<p>plays in flood management, biodiversity, active travel and health and well being. Renfrewshire Council has also contributed to the publication of a Green Network 'Blueprint' document which provides a strategic framework for access and habitat improvements across Glasgow and the Clyde Valley. The outcomes of the Blueprint document will be reflected in the emerging revision of the Renfrewshire Core Path Plan and emerging Renfrewshire Green Network Strategy.</p>	<p>The Green Network Strategy will consider Renfrewshire's Biodiversity Action Plan, emerging Core Path Plan, Access Strategy and Open Space Survey to inform future opportunities and actions across Renfrewshire. Ensuring development proposals contribute to and enhance the green and blue network helps secure opportunities for activity and access to open space as well as increasing accessibility to active travel routes in and around communities and places.</p>
				<p>The Renfrewshire Biodiversity Action Plan 2018-2022 was approved by the Council in May 2018.</p>	<p>The Biodiversity Action Plan facilitates close integration between the Renfrewshire Biodiversity Action Plan and Scotland's Biodiversity Strategy: 2020 Challenge, particularly its "Route Map". This is to ensure that resources deployed locally are aligned to national priorities identified in the Route Map and to maximise opportunities for external funding support from national agencies.</p> <p>Actions developed and delivered by the Biodiversity partners allow habitats and species to be more resilient to the impacts of climate change.</p> <p>Actions in relation to the suite of designated sites (local and national) aim to support improved connections and management, protecting species against climate change where possible, and allowing them to adapt through moving to new areas.</p>

					<p>The creation of habitats providing important ecosystem services, such as carbon storage or flood mitigation, will be supported (for example through Sustainable Urban Drainage Systems) or by restoration in some cases, for example, some of Renfrewshire's peatland habitats.</p> <p>Native woodland and wetlands are particularly important for these purposes and their roles should be recognised through appropriate conservation management. The Council and its partners will aim to maximise the levels of carbon storage and other ecosystem services such as control of soil erosion and water regulation.</p>
Sustain and enhance the benefits, goods and services that the natural environment provides.	N3	Natural Environment		N/A	N/A

Understand the effects of climate change and their impacts on buildings and infrastructure networks.	B1	Buildings and infrastructure networks		<p>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 recently reviewed Renfrewshire Local Flood Risk Management Plan.</p> <p>The 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</p>	<p>The Renfrewshire Proposed Local Development Plan reflects the requirements of the revised River Basin Management Plan.</p> <p>A Strategic Flood Risk Assessment was undertaken of both the adopted Renfrewshire Local Development Plan and the Proposed Local Development Plan which directs new development to areas with little or no flood risk, thereby ensuring that the overall risk of flooding is not increased.</p> <p>This is an important element of the climate risk assessment for land use within Renfrewshire.</p>
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				<p>for Scotland's River Basin District 2015-2027.</p> <p>The Climate Ready Clyde project has a shared vision, strategy and action plan for an adapting Glasgow City Region. The project aims to develop a clear strategic approach to allow the City Region to become climate ready in response to the future climate changes. Climate Ready Clyde brings the partners together to work strategically to minimise the risks of climate change and build on the opportunities this brings for our economy, society and environment. The aim is to publish a City Region Adaptation Strategy and Action Plan by 2020</p>	<p>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.</p>
Provide the knowledge, skills and tools to manage climate change impacts on buildings and infrastructure.	B2	Buildings and infrastructure networks		N/A	N/A
Increase the resilience of buildings and infrastructure networks to sustain and enhance the benefits and services provided.	B3	Buildings and infrastructure networks		<p>The Renfrewshire Local Development Plan and the Proposed Local Development Plan reflect Scottish Government policy and guidance on flooding.</p> <p>.</p>	<p>The ongoing work between the Council and SEPA relating to flooding and the development of the Clyde and Loch Lomond Flood Risk Management Strategy has set a framework for action for the Council to address flooding in areas at most risk.</p>

			<p>The Renfrewshire Local Development Plan was adopted in August 2014 and complies with the requirements of Scottish Planning Policy and the approved Strategic Development Plan 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.</p> <p>The Proposed Renfrewshire Local Development Plan reflects the updated policy position towards forestry, renewable energy and heat networks. The Strategic Flood Risk Assessment that was undertaken ensures that new development is directed to areas with little or no flood risk, thereby ensuring that the overall risk of flooding is not increased. This is an important element of the climate risk assessment for land use within Renfrewshire.</p> <p>Flood risk will continue to be fully considered in all aspects of the development of the Local Development Plan and a policy framework established that will help create sustainable places for the future.</p>	<p>The Spatial Strategy in the Proposed Local Development Plan has been carried forward from the current adopted Local Development Plan.</p> <p>The Proposed Local Development Plan supports the delivery of sustainable, inclusive economic growth and high-quality development across Renfrewshire whilst ensuring that Renfrewshire's built, and natural environment is protected and enhanced</p> <p>The Spatial Strategy remains 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.</p> <p>The Proposed Local Development Plan supports renewable and low carbon energy developments including the delivery of heat networks.</p> <p>The Proposed Local Development Plan promotes development opportunities which are located beside or close to existing active travel, public transport and road networks.</p> <p>Connection to active travel and transport networks is a key enabler for creating sustainable communities, increasing access to employment, opening up new markets and for encouraging people to live, work and spend time in Renfrewshire.</p>
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				<p>Clydeplan was approved by Scottish Ministers on 24th July 2017</p>	<p>Renfrewshire Council has been fully involved in the development of the Strategic Development Plan – Clydeplan. Climate change adaptation is incorporated throughout Clydeplan and it sets the framework which supports the region to build resilience and adapt ensuring the City Region is a low carbon place. Clydeplan has set the policy framework for the emerging Renfrewshire Local Development Plan</p>
				<p>The Renfrewshire Local Housing Strategy was adopted by Renfrewshire Council in January 2017 following extensive public consultation. Seven strategic outcomes are identified in the 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.</p>	<p>The annual update of the Local Housing Strategy has been prepared. It highlights key achievements and progress in the delivery of the identified Strategic Outcomes and Actions in the Local Housing Strategy 2016-2021 facilitated by housing providers and partners over the last year.</p>
				<p>The Renfrewshire Fuel Poverty Strategy reflects the commitment of Renfrewshire Council and its community planning partners to reaching the Scottish Government's target to eradicate fuel poverty.</p> <p>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</p>	<p>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.</p> <p>It seeks to build on existing partnerships and procedures to refocus our approach to tackling fuel poverty in Renfrewshire.</p>

			<p>opportunity and challenge to reduce fuel poverty.</p> <p>The Renfrewshire Strategic Energy Group (RSEG) has been set-up to promote, develop, and deliver energy strategies and sustainable energy efficient to help reduce fuel poverty across Renfrewshire.</p>	
			<p>The Council recognises its responsibility to meet the requirement of the Energy Efficiency Standard for Social Housing (EESH).</p> <p>The approved Renfrewshire Fuel Poverty Strategy contains a range of measures to assist in meeting the milestones set through the Standard.</p>	<p>Renfrewshire Council and partner Local Housing Associations continue to be 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.</p> <p>The Council is required to ensure that all stock achieves the minimum energy rating under the Energy Efficiency Standard for Social Housing (EESH) by the first milestone of 31 December 2020.</p> <p>It has been assessed that as at April 2018 approximately 71.9% of the Council's housing stock will meet the 2020 standard as a result of the measures introduced to achieve SHQS. The EESH will be achieved through the capital funding plans for planned investment programmes, together with Government sourced supplementary funding (e.g. HEEPS:ABS) and other external sources such as ECO.</p>

Understand the effects of climate change and their impacts on people, homes and communities.	S1	Society		N/A	N/A
Increase the awareness of the impacts of climate change to enable people to adapt to future extreme weather events.	S2	Society		We've spent about £10 million on flood schemes. This has let us build flood prevention schemes and introduce good maintenance and management measures in watercourses and culverts. The flood prevention schemes which have been built have been shown to be effective in reducing flooding and 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.
Support our health services and emergency responders to enable them to respond effectively to the increased pressures associated with a changing climate.	S3	Society		N/A	N/A

4(e) What arrangements does the organisation have in place to review current and future climate risks?

Strategic Development Plan

The current Strategic Development Plan was approved in 2017. The Strategic Development Plan is based on the four planning outcomes contained in National Planning Framework 3, a Successful and Sustainable Place, a Low Carbon Place, a Natural, Resilient Place, and a Connected Place.

Central to successful delivery of these themes is a range of initiatives and strategies relating to economic development, green network, flooding, climate change adaptation, health, active travel, and transport, this sets the framework which supports the region to build resilience and adapt ensuring the City Region is a low carbon place.

The plan period is 10-20 years and it is reviewed every 5 years. However, The Scottish Government in December 2017 published the Planning (Scotland) Bill which will, if enacted in its current form, remove the statutory requirement to prepare Strategic Development Plans and introduce a statutory requirement for local authorities to provide information to assist the Scottish Ministers in the preparation of the National Planning Framework. It is therefore unlikely that a further statutory Strategic Development Plan for the Glasgow City Region will be required to be prepared.

The Glasgow City Region's Economic Strategy 2017 - 2035 Action Plan contains an action to prepare a regional land use spatial strategy for the city region. The exact nature and timescale of this strategy will be shaped by the final outcome of the Planning (Scotland) Bill.

Renfrewshire Local Development Plan

Following the framework set by the Strategic Development Plan, the adopted Renfrewshire Local Development Plan provides the land use policies and proposals to support sustainable economic growth and a low carbon economy for Renfrewshire.

The Proposed Renfrewshire Local Development Plan was published in early 2019, it is anticipated that the Plan will be submitted to the Scottish Ministers for examination in late 2019 with adoption in 2020. Policies relating to climate change have been strengthened where required in line with Scottish Planning Policy

4(f) What arrangements does the organisation have in place to monitor and evaluate the impact of the adaptation actions?

Policies and Plans

The policies within the Local Development Plan and Strategic Development Plan 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. The State of the Environment Report provides a robust information base for the Strategic Environmental Assessment of the Renfrewshire Local Development Plan and has informed the emerging Local Development Plan. The State of the Environment Report is updated every two years to ensure that data is relevant. The publication of the State of the Environment Report is an important step in the monitoring process as trends can be identified and the indicators show if the status of indicators is improving, deteriorating or if there is no change.

Flooding data is regularly updated to reflect the addition of new information and improvements in climate modelling. The data is also used to inform other corporate strategies and plans such as the Local Housing Strategy and Strategic Housing Investment Plan.

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

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

N1-8

Renfrewshire Council regularly updates its flooding data and has worked closely with SEPA and other local authority partners on the development of the Clyde and Loch Lomond Local Flood Risk Management Strategy (December 2015) and the Clyde and Loch Lomond Local Plan District Local Flood Risk Management Plan (June 2016).

The Flood Risk Management Plan was published in June 2016 and describes the agreed ambition for managing flooding and the priority of actions to be taken forward to deliver this. The Flood Risk Management Plan provides additional detail on the local responsibility, funding, prioritisation and coordination of actions. Taken together, these documents are the single point of reference for the public in describing the response and commitment of public bodies to address flooding.

A second set of Flood Risk Management Strategies and Local Flood Risk Management Plans will be published in December 2021 and June 2022 respectively.

N1-10

Renfrewshire 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.

N2-2

The Nature Conservation (Scotland) Act 2004 created a duty on public bodies to further the conservation of biodiversity. The Renfrewshire Biodiversity Action Plan 2018-2022 was published in May 2018. 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 next Renfrewshire Biodiversity Duty Report is due to be published at the end of 2020 and will illustrate the progress on the positive and ambitious approach to biodiversity conservation and promotion set out in the Biodiversity Action Plan.

As a member of the Glasgow and Clyde Valley Green Network Partnership (GCVGNP), Renfrewshire Council has also contributed to the publication of a Green Network 'Blueprint' document which provides a strategic framework for access and habitat improvements across Glasgow and the Clyde Valley. The outcomes of the Blueprint document will be reflected in the emerging revision of the Renfrewshire Core Path Plan and emerging Renfrewshire Green Network and Open Space Strategy.

The Proposed Renfrewshire Local Development Plan was published in early 2019, it is anticipated that the Plan will be submitted to the Scottish Ministers for examination in late 2019 with adoption in 2020.

The Proposed Renfrewshire Local Development Plan provides the land use policies and proposals to support sustainable economic growth and a low carbon economy for Renfrewshire and reflects other council corporate documents such as the Biodiversity Action Plan and Access Strategy.

N2-11

Renfrewshire Council contributed to the development of the Forest and Woodland Strategy for the Clydeplan area as part of the development of Clydeplan Strategic Development Plan. Renfrewshire Council are working with the other Clydeplan authorities to develop an updated Forest and Woodland Strategy and a draft will be published towards the end of 2019.

The review of the Forestry and Woodland Strategy will be take a more detailed look at the role of forestry and climate change mitigation and adaptation. This review will feed into a Forestry and Woodland Guidance which will assist in the protection of existing woodlands and the delivery of national woodland creation targets.

B1-13

The Clyde and Loch Lomond Local Flood Risk Management Strategy (December 2015) and the Clyde and Loch Lomond Local Plan District Local Flood Risk Management Plan (June 2016) are now in place.

The second set of Flood Risk Management Strategies and Local Flood Risk Management Plans will be published in December 2021 and June 2022 respectively.

B1-14

The Council has worked closely with SEPA in the review of River Basin Management Plans and officers 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.

The River Basin Management Plan sets the revised objectives for the 12-year period from 2015 to the end of 2027 and a strengthened programme of measures for achieving them in order to protect and improve the water environment of the Scotland river basin district. The Proposed Renfrewshire Local Development Plan continues to promote the principles and objectives set out in the River Basin Management Plan.

B3-3

The policies within the Local Development Plan and Strategic Development Plan 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.

The State of the Environment Report provides a robust information base for the Strategic Environmental Assessment of the Renfrewshire Local Development Plan and has informed the emerging Local Development Plan. The State of the Environment Report is updated every two years to ensure that data is relevant. The publication of the State of the Environment Report is an important step in the monitoring process as trends can be identified and the indicators show if the status of indicators is improving, deteriorating or if there is no change.

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

S2-5

Risks associated with flooding, infrastructure and other incidents are monitored and regularly reviewed by the Council and its Risk Management Partners.

4(h) Supporting information and best practice

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

Sustainable Places and Regeneration

Advanced Manufacturing and Innovation District Scotland – A Sustainable Approach

Renfrewshire Council's City Deal Project Team, responsible for the delivery of the enabling infrastructure for the Advanced Manufacturing Innovation District Scotland (AMIDS) at the GAIA site, is committed to the most sustainable approach and delivery of the project. It was therefore decided that PAS 2080 'Carbon Management in Infrastructure' was to be embedded in the delivery of the project from the outset, beginning with developing the designs. Applying the standard to the scheme meant reducing carbon throughout its lifecycle: from the design and construction process to operations, and ultimately by cutting end user emissions.

To that end the Project Team, working with our design consultants, Sweco, identified a range of sustainability objectives aligned to Carbon Management in the development, construction and life cycle of the direct deliverables. This process will continue throughout the project life cycle and has been incorporated within construction contracts to ensure the most effective outcomes in relation to carbon management, with carbon management a key element of the quality assessment of PQQs and tenders.

The state-of-the-art measures adopted in the design of this project in relation to embedding low carbon principles in to the design resulted in an upfront emission reduction of more than 35% which has received national recognition, with the project winning the 'Low Carbon Leader' award at the prestigious 2018 New Civil Engineer Awards.

For the construction phase, carbon reduction by the supply chain started with the procurement process. However, as there was no precedent for measuring carbon reduction this way, the team adapted the prequalification questionnaire to include a section which looked specifically at contractors' understanding of carbon reduction in infrastructure and their understanding of PAS 2080. This was scored as part of the quality assessment of the PQQ and tender submission process.

Tenderers for the construction contracts were required to provide a submission which outlines the carbon reduction initiatives that will be implemented to achieve carbon savings in accordance with the relevant scope documents.

Tenderers are required to calculate the carbon savings that will be delivered through their proposed design and construction approach utilising the methodology described in and against the carbon baseline provided in in the scope.

At the tender stage bidders were asked to cut up to 20% of the carbon from the project's carbon baseline (the baseline was calculated at c. 10,000t). It developed a methodology for demonstrating carbon reduction, by drawing on what the team saw as the key elements of the carbon management models across the UK.

The 20% figure aimed to ensure contractor's reduced carbon, without pushing them to cut costs so far that the quality of the scheme was impacted, as there is a strong relationship between carbon and cost. The bidder's carbon score was based on how far they can achieve that target – for example looking at how they can alter the bill of quantities, or the design, or by using recycled materials or reducing waste.

This approach was framed around the United Nations Sustainable Development Goals (SDGs) and applied through PAS 2080. This approach identified which SDGs would be tackled, either indirectly through the project being built, for example through regeneration, as well as directly meeting the climate action SDG in terms of the whole-life carbon on the project.

Centres

Renfrewshire Council secured funding to deliver a second heritage-led regeneration project in the Paisley Town Centre Conservation Area. The £4.5 million pound project is funded by Renfrewshire Council, Heritage Lottery Fund and Historic Environment Scotland and will be delivered over a 5-year period from 2016 to 2021. The project continues to invest in successful partnerships; develop skills; animate the streetscape; and build on best practice and offers the opportunity for climate change adaptability and conservation enhancement.

Paisley's Bid to be UK City of Culture 2021 has resulted in the development of a programme of investment and action to transform the town through cultural regeneration. Proposals are being taken forward to transform Paisley's town centre venues and cultural infrastructure while supporting work to promote Paisley as a visitor destination and drive new footfall into the town centre and preserve the areas architectural heritage and culture. Projects include Paisley Museum Reimagined, transforming Paisley Town Hall, and a new state-of-the-art library and cultural centre in the High Street, and modernisation of Paisley Arts Centre. These projects all offer the opportunity of climate change adaptability and opportunities for climate change mitigation.

PART 5: PROCUREMENT

5(a) 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 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 Sustainable Procurement Strategy (approved on 8 June 2016 by the Procurement Sub Committee) aligns to statutory requirements as well as the key strategic priorities of the Council.

The Council's Corporate Procurement Strategy aligns to the Council's aspiration to contribute to reducing our impact on climate change to make Renfrewshire's economy and communities as sustainable as possible. Our policies take account of the Programme for Government's recognition that public procurement in Scotland can drive change and build responsible supply chains, helping to tackle the climate emergency, reduce emissions, minimise waste and allow for re-use or recycling wherever appropriate.

The need to ensure compliance and commitment is further reinforced in Renfrewshire Council's Standing Orders relating to Contracts. This requires sustainable procurement is considered at the outset as part of the development of every contract strategy for regulated and above EU threshold procurements.

The approach adopted supports identifying potential environmental, social and economic aspects requiring to be incorporated within the procurement process through the development of a relevant specification or through the contract Terms and Conditions. This approach also helps to support spending decisions based on sustainable choices.

Another example of the procurement policy directly contributing to climate change duties includes the requirement to assess the resource being purchased, consider whole life costing, 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. Reduction in emissions to air, water, impact on climate change and the impact on population's health;*
- 2. Waste reduction in solid wastes, liquids, hazardous packaging and landfill;*
- 3. Reduction in energy use and business travel;*
- 4. Loss of biodiversity and the impact on habitat;*
- 5. Promotion of energy efficient products, renewable energy and sustainable resources.*

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 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.*

In order to ensure that Suppliers are fully aware of the commitment to climate change duties, clear instructions and clauses are incorporated in the Invitation to Tender documents this includes the requirement for Suppliers to sign the declaration for handling and generation of waste which conforms to 'Waste Management, The Duty of Care, A Code of Practice' as a result of the Environmental Protection Act 1990. The requirement of the Contractor is to provide evidence that they are registered as a waste carrier or employ the service of a registered carrier.

We also consider Suppliers' materials that are used in construction and stipulate that Suppliers provide information on their working practices are in according with the relevant practice, good building practice issued by the British Board of Agreement, and the Good Practice in Selection of Construction Materials.

5(b) 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 are making a significant positive impact by actively considering the reduction of greenhouse emissions, energy efficiency and recycling responsibly. Procurement work with key stakeholders to develop strategies which carefully consider the impact of what the Council buys and takes account of all opportunities to promote sustainable procurement.

The evidence-based information/examples below demonstrate the strong approach taken by procurement to contributing to the climate change duties, for example;

Renfrewshire Council has entered an Inter Authority Agreement as a key partner on the Clyde Valley Residual Waste Project. The 25-year contract has been awarded to Viridor to design, construct, finance and operate the facilities to treat waste which would otherwise go to landfill. It is anticipated that because of the contract Viridor will process approximately 190,000 tonnes of residual waste per year. Renfrewshire Council's annual proportion is 19% (37,021) tonnes of residual waste per year. These measures will make a significant contribution to the national targets for recycling and landfill diversion by 2025

To ensure its long-term vision to create a sustainable Renfrewshire for all to enjoy, a wide range of activities are being undertaken by the Council to reduce the volume of waste sent to landfill. These include the collection of many waste related materials both at the kerbside and from the Councils Household Waste Recycling Centres.

Corporate Procurement have supported the Council's ambitions to reduce waste to landfill and increase recycling by implementing an overarching Waste Strategy to support the ambitious programme to introduce new collection services to over 90,000 households in Renfrewshire. In January 2019, a reduction of waste to landfill of 11.5% was recorded compared to the same period in the previous year, while the amount of food and garden waste recycled increased by over 42% over the same period.

Renfrewshire Council is continuing to invest in Home Energy Efficiency Programme Area Based Schemes (HEEPS ABS Programme), as part of the procurement process the improvement works are focussing on reducing carbon emission as well as tackling fuel poverty. The recently awarded Measured Term Contract for External Works provides a route to carry out energy efficiency works and exterior building works to improve the efficiency of council owned properties across Renfrewshire.

Procurement are actively supporting the Council's vehicle replacement programme, to date contracts have been established for the lease of 42 electric cars, 16 electric vans and 5 electric crew buses. A contract was also recently placed commissioning the installation of 19 new electric charging points in Renfrewshire.

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

Renfrewshire Council is currently procuring the design and construction works contract for the Glasgow Airport Investment Area (GAIA) Project. The scope for the GAIA project includes the provision of cycleways and footpaths which will connect the new GAIA site to Renfrew, Paisley and Inchinnan to facilitate and encourage active travel potentially reducing the impact of CO₂ emissions.

Consideration was given to the Sustainable Procurement Duty in the GAIA Procurement Strategy. As a result, selection and award criteria relating to the use of BIM Modelling Level 2 and Carbon Reduction Initiatives were included in the tender. By targeting these, the Council is putting a focus on reducing the carbon footprint through the project at both the design and construction stages. Furthermore, BIM Modelling will lead to more efficient collaboration between the designers on the project and the construction teams which will result in less waste during the design and construction of the project. After construction, the Council will have a BIM Model of the asset which may be able to assist in the operation and maintenance of the asset in the future.

5(c) Supporting information and best practice

Corporate Procurement Unit takes a proactive approach towards the legislative and policy requirements which has been developed and embedded within the procurement process. The contract examples above in section 5(b) demonstrate best practice and continuous improvement internally and externally to address the requirements of the Climate Change Duties.

Over 90% (20 of 22) of Procurement Officers have completed the Zero Waste Scotland's Sustainable Procurement module. The procurement team have also completed CIPS Ethical Procurement and Supply which includes a module designed to help prevent issues related to the impact of procurement on the environment.

The Procurement Manager is a member of the Scottish Government Procurement Policy Forum which provides an opportunity to discuss challenges faced across the public sector, to identify issues and inform forum members of work to resolve these issues. The forum provides an opportunity to share best practice and lessons learned and encourages members to work across their sector to help address matters like tackling the climate emergency.

PART 6: VALIDATION AND DECLARATION

6(a) 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.

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.

Renfrewshire Council achieved a score of 88% in the Procurement and Commercial Improvement Programme (PCIP) assessment which took place on 29th January 2019. The PCIP focuses on the policies and procedures driving procurement performance and the results delivered.

The Council's Corporate Procurement Unit is making a significant impact by actively considering the reduction of greenhouse emissions, energy efficiency and recycling responsibly. Any Suppliers for the Council are made fully aware of the commitment to climate change duties along with clear instructions and terms and conditions.

6(b) External validation process

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 prepare a Planning Performance Framework.

The Planning Performance Framework is published on an annual basis and the Framework gives a measure of the quality of the planning service using a set of Performance Markers and is used to identify and encourage ongoing improvements. The Scottish Government provides feedback on each Planning Performance Frameworks. The Report contains both qualitative and quantitative elements of performance and set out proposals for service improvement.

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

Renfrewshire Council have demonstrated through the Planning Performance Framework that it delivers a Planning Service that assists in providing a wide range of public benefits such as high quality, warm and secure homes, sustainable development in the right places, protection and enhancement of Renfrewshire's assets, economic prosperity for Renfrewshire and the City Region as well as helping to meet climate change goals and obligations.

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 is a key component of sustainable development, establishing important methods for protecting the environment and extending opportunities for public participation in decision making. Strategic Environmental Assessment 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 Scottish Natural Heritage, Scottish Environmental Protection Agency, Historic Environment Scotland and the public. The Local Development Plan and other strategies and plans that have evolved from the Local Development Plan have been the subject of a Strategic Environmental Assessment, where climate change and associated factors such as flooding were specific considerations of the assessment. The Strategic Environmental Assessment ensures that the environment is given the same level of consideration as social and economic factors.

Local Development Plan Examination

The Local Development Plan examination deals with issues that have arisen through the Proposed Plan that remain unresolved. Any outstanding objections will be subject to Examination by Independent Reporters appointed to act on behalf of the Scottish Ministers. The Reporters will weigh up the issues whilst considering input from a variety of sources and stakeholders before reaching a conclusion and a recommendation.

On completion of the Examination, the Reporter prepares and publishes their recommendations and submit those to Renfrewshire Council. The Examination report and the Council's responses to the Reporter's recommendations will be made available for public inspection. If required Renfrewshire Council will then modify Renfrewshire Proposed Local Development Plan in light of the Reporter's recommendations.

It is anticipated that the Local Development Plan Plan will be submitted to the Scottish Ministers for examination in late 2019 with adoption in 2020.

The Clydeplan Strategic Development Plan (2017) and the Adopted Renfrewshire Local Development Plan (2014) were subject to examination prior to their adoption.