

EAST RENFREWSHIRE COUNCIL

CABINET

13 August 2020

Report by Director of Environment

EAST RENFREWSHIRE COUNCIL CLIMATE CHANGE REPORT 2018/19

PURPOSE OF REPORT

1. The purpose of this report is to inform the Cabinet of the Council's 2018/19 Climate Change report which was submitted to Scottish Ministers at the end of November 2019. The report would normally have been submitted to Cabinet earlier. However, staff resource issues and the coronavirus pandemic has caused delays.

RECOMMENDATIONS

2. The Cabinet is asked to note the Council's 2018/19 Climate Change Report to Scottish Ministers.

BACKGROUND

3. The Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) Order 2015 places a duty on public bodies to report on their annual climate change impact.

REPORT

4. A copy of the Council's Climate Change report covering the period 2018/19, which has been prepared in accordance with the terms of the legislation, is provided as an Appendix to this report. It is recognised that the appendix is not an easy report to read but the submission uses an online portal which is used by all 32 local authorities and 118 other public bodies who have to report their carbon emissions. This produces a standard report which cannot be altered.

5. The 2018/19 report demonstrates that good progress is being made in terms of carbon reduction.

6. Overall, the Council has shown a further reduction in CO₂e (carbon dioxide equivalent) emissions of 13.7% against last year's emissions total. This is in excess of the Council's year on year target of 2.5%. Over two years the reduction has been 19.5% and over three years it is 26.1%.

7. In total the Council has reduced emissions by 5,570 tonnes of CO₂e (tCO₂e) over three years since 2015/16 (see table 3a in the appendix), reducing from 21,371 tCO₂e in 2015/16 to 15,801 tCO₂e in 2018/19.

8. The biggest reduction this year in emissions are related to the following factors:
- a. Lower electricity consumption across Council properties coupled with lower emissions from that electricity (due to increased supply from renewable sources). Lower consumption has been achieved with the contribution of the following programmes:
 - Replacement of street lighting with LED lights (1042 LED street-lights installed resulting in electricity usage cost savings of around £32,512, as well as carbon savings of 477 tCO₂e);
 - Upgraded and optimised timers being installed to existing heating systems in various Council buildings;
 - Replacement of old inefficient electric heating with air-source heat pumps in Busby, Thornliebank and Giffnock primary schools/nurseries; and
 - Internal and external lighting replacement, mainly of old fluorescent lamps with LEDs in various Council buildings.
 - b. Lower gas usage across Council properties. The programmes to install more efficient boilers and improve building insulation including the *NDEE (Non-Domestic Energy Efficiency Framework) – Boiler implementation* programme has contributed in this respect. A milder winter with lower heating requirements also assisted with a reduction this year. We used over 3½ million kwh less this year, resulting in 665.9 tCO₂e less. The NDEE phase 1 and phase 2 projects have also delivered £176,000 annual energy cost savings against an investment of £1.3 million.
 - c. Transport emissions lowered:
 - Increased use of the Council's 10 electric vehicles;
 - Lower mileage driven by the Council's fleet of diesel vehicles (18,835 fewer litres of diesel used, resulting in 85.5 tCO₂e less) as a result of implementing more efficient driving routes and greater use of electric vehicles; and
 - Lower business mileage claimed by staff (47,460 km less, resulting in 15.2 tCO₂e less). Some mileage has been transferred to the Council's electric cars (thus using greener power and 'mileage' not being claimed by staff). Also, more meetings started to be held by conference-call thus reducing the need to travel to meetings and more staff are working 'agile', which means that there is less need for staff to travel to their base office when there may be a more convenient alternative place to work.
 - d. Less waste going to municipal landfill (86 tonnes less, resulting in 429.6 tCO₂e less).
9. Measures implemented in 2019/20 will see further reductions in CO₂e emissions. These included LED light-bulb installation to generate £49k annual energy cost savings across five locations (4 high schools and Thornliebank Depot).

10. Also, more recently the Council is in the process of purchasing route-optimisation software which will make the routes driven by bin lorries, street sweepers, road gritters etc. more efficient. In addition to that since the coronavirus lockdown at the end of March 2020 almost all meetings are now virtual meetings with all staff working at home wherever possible. This will mean even more carbon emission reductions.

FINANCE AND EFFICIENCY

11. There are no financial implications arising directly from this report. Climate change activity undertaken during the course of 2018/19 has been undertaken within approved capital and revenue resources.

CONSULTATION AND PARTNERSHIP WORKING

12. The Climate Change Report was compiled with collaboration from several teams across departments within the Council. The final report was reviewed by Internal Audit before submission to the Scottish Government.

IMPLICATIONS OF THE PROPOSALS

13. There are no equalities, IT or staffing implications associated with this report.

CONCLUSIONS

14. This report demonstrates that East Renfrewshire Council continues to reduce its carbon emissions above stated Council targets and projects continue through 2019/20 and beyond. However, in view of the increasing importance of achieving carbon reductions and the Scottish Government's target for the country to be carbon neutral by 2040, the Council needs to achieve significantly more carbon reductions and to achieve these more quickly. That will be taken forward through the preparation of a Climate Change Strategy and Action Plan which is the subject of a separate report on this agenda.

RECOMMENDATIONS

15. The Cabinet is asked to note the Council's 2018/19 climate change report to Scottish Ministers.

Director of Environment

Further information can be obtained from: Andrew Cahill Director of Environment or Phil Daws, Head of Environment (Strategic Services) phil.daws@eastrenfrewshire.gov.uk

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July 2020

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Recommended Reporting: Reporting on Wider Influence

RECOMMENDED – WIDER INFLUENCE

OTHER NOTABLE REPORTABLE ACTIVITY

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PART 1: PROFILE OF REPORTING BODY

1(a) Name of reporting body

East Renfrewshire Council

1(b) Type of body

Local Government

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

3670

1(d) Metrics used by the body

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

Metric	Unit	Value	Comments
			The Council does not use specific metrics to monitor environmental or carbon efficiency. It works to specified reduction aims. This is further explained in Section 2 and 3 of this report.

1(e) Overall budget of the body

Specify approximate £/annum for the report year.

Budget	Budget Comments
228324000.00	Total budget for operating year 2018/19. Includes money from General Revenue Fund, Council Tax, Non Domestic Rates, Grants and Fees. Link to Annual Accounts for 2018/19 can be found here, with the relevant figure on page 18 https://www.eastrenfrewshire.gov.uk/finance

1(f) Report year

Specify the report year.

Report Year	Report Year Comments
Financial (April to March)	

1(g) Context

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

East Renfrewshire Council (ERC) is a Unitary Local Authority located to the South West of Glasgow. It is one of the smallest Councils in Scotland with at total area of 174 km² with a constituent population of 99,170 (as of June 2018). The Council area is a mixture of rural and farmed/managed land and 7 small towns of Uplawmoor, Thornliebank, Giffnock, Barrhead, Eaglesham, Neilston and Newton Mearns. The general geography of the area is low undulating land with 10 small rivers flowing through the area that drain to river Clyde. Some areas have experienced flooding in the past 10 years. Amongst its various responsibilities the Council provides education, leisure, culture, personal care, infrastructure, planning, environmental control and housing services to its constituents. These services are either provided directly by the Council or through our contracted partner organisations. The Council works with its Community Planning Partners such as NHS and Police Scotland to ensure comprehensive planning for strategic outc

PART 2: GOVERNANCE, MANAGEMENT AND STRATEGY

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

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

Governance within the Council with regard to climate change is split into 3 groupings - Accountable Groups, Responsible Groups and Operational Groups. Please see the diagram uploaded to this report.

Cabinet (Accountable) - The Cabinet is East Renfrewshire Council's main decision making body; consisting of democratically elected Councillors. All Council procedure and strategy (including this document) is approved by them. They are accountable for the strategic direction and success of any climate change/ environmental objectives or strategies. Corporate Management Team (CMT) (Accountable) - Chief Executive and the

Corporate Management Team (CMT) work with the Cabinet and wider Council to provide policy advice and feedback to develop successful strategies that will deliver Council objectives in relation to climate change. CMT oversees financial, performance and risk management for the Council and reviews progress on all Council objectives with this in mind. CMT is accountable to the Cabinet for the implementation of any relevant strategies, projects or policies.

Environment Partnership Group (Responsible) - Consists of a range of representatives from across Council Departments and Services. This Group will make key decisions on the implementation of climate change strategies and policies. Responsible for implementing, reviewing and reporting on relevant strategies, policies and projects.

Environment Department Management Team (Responsible) - The Environment Department Management Team includes the Director of Environment, two Heads of Service and senior managers from the Department. The Environment Department delivers a wide range of services from energy management and health and safety to planning and adaptation control. Responsible for operational control of climate change and sustainability objectives of the Council. Responsible for data collation and environmental monitoring that evidences progress on climate change and sustainability objectives for the entire Council. Responsible for communication to individuals in all Depts. that are undertaking work related to climate change and sustainability. Operational Groups involved in day to day decision making include - Building Responsible Persons, Energy Efficiency, Finance, Strategy Team, Housing Team, Roads Team, Planning and Building Standards.

The Strategic Services Team is responsible for leading on environmental based strategies, sustainability strategy and policy development. Also responsible for strategic environmental assessments for Environment Department plans, programmes and strategies; and for climate change reporting under the Climate Change (Scotland) Act 2009.

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

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

Cabinet - Considers information and issues relating to Climate Change and Sustainability including the Environmental Sustainability Strategy.
Management function - Receives regular reports on implementation of climate change and environmental strategies and projects. Advises and reviews information where applicable.

Corporate Management Team - Responsible for high level decision making and consider and advise on climate change and environmental sustainability matters when they arise and /or have been highlighted by the Energy Efficiency and Carbon Reduction Team. Management function - Overall financial and administrative control of climate change action. Reviews implementation of climate change action. Approve recommendations for revision of Environmental Sustainability Strategy (ESS).

Corporate Asset Management Group - Works with Environment Department to put in place a functioning and successful ESS that will make a tangible impact on the emissions baseline of the Council. Management Function - Receives updates on implementation of ESS. Advises and reviews where applicable. Reviews recommendations for revisions of Strategy and assists where possible.

Environment Partnership Group - The forum for discussing and planning action to address ESS implementation, issues and problems arising and also climate change campaigns etc. Also provides information and feedback to Building Responsible Persons and ESS Coordinator. Management function - Responsibility for implementation of ESS and other climate change action. Responsibility for compiling and finalising update reports that are sent to senior management.

The Property and Technical Services team undertakes maintenance and improvement of existing buildings and provides new facilities which meet the needs of building users, whilst incorporating appropriate sustainable and energy efficient materials to support the delivery of council services.

2(c) Does the body have specific climate change mitigation and adaptation objectives in its corporate plan or similar document?		
Provide a brief summary of objectives if they exist.		
Objective	Doc Name	Doc Link
Strategic Outcome 3: Economy and Environment 3.5 East Renfrewshire is environmentally sustainable Strategic Outcome: East Renfrewshire is a thriving, attractive and sustainable place for businesses and residents Intermediate Outcome: East Renfrewshire is environmentally sustainable	Outcome Delivery Plan 2019-2022	https://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=24848&p=0
Strategic Priority Area 3: Economy and Environment 3.5 East Renfrewshire is environmentally sustainable	Community Plan 2018	https://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=25050&p=0
Principle C: Defining outcomes in terms of sustainable economic, social, and environmental benefits 1. Defining outcomes 1.3 Delivering defined outcomes on a sustainable basis within the resources that will be available 2. Sustainable economic, social and environmental benefits 2.1 Considering and balancing the combined economic, social and environmental impact of policies, plans and decisions when taking decisions about service provision 2.3 Determining the wider public interest associated with balancing conflicting interests between achieving the various economic, social and environmental benefits, through consultation where possible, in order to ensure appropriate trade-offs	Code of Corporate Governance	https://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=22848&p=0

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

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

Yes, the Council has an Environmental Sustainability Strategy and corresponding Action Plan. The Strategy and Action Plan are listed below with links to each:

Strategy - <http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=13941&p=0>

Action Plan - <http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=13942&p=0>

We are currently working on updates to these.

2(e) Does the body have any plans or strategies covering the following areas that include climate change?

Provide the name of any such document and the timeframe covered.

Topic area	Name of document	Link	Time period covered	Comments
Adaptation	Local Development Plan; Strategic Environmental Assessment; State of Environment Report	http://www.eastrenfrewshire.gov.uk/local-development-plan https://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=15607&p=0 https://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=24777&p=0	LDP 2015 - 2025 SEA 2015 SER 2019	LDP was adopted in 2015 and provides information on how the Council will approach all planning decisions and issues which affect the built and natural environment. Strategic Environmental Assessment supports and provides additional information to LDP post adoption. SER covers all environmental and wider issues related to Council responsibilities.
Business travel	Environmental Sustainability Strategy	http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=13942&p=0	ESS 2015 - 2018	There is no specific plan in relation to business travel. Instead the Council uses its Think Green campaign to promote sustainable travel choices.
Staff Travel	Active Travel Action Plan	http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=15984&p=0	ATP 2016 - onwards	Covers sustainable travel in relation to entire Council area.
Energy efficiency	Environmental Sustainability Strategy Environmental Sustainability Action Plan	http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=13941&p=0 http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=13942&p=0	ESS 2015-2018 ESAP 2015 - 2018	Strategy details approach. ESAP details objectives and targets. Work is ongoing to update these documents.

Fleet transport	Occupational Road Risk Register	Document can be provided on request but is not available on public pages of the Council website	ORRR 2017 - on going	Includes information on driver training and therefore has relevance to this report.
Information and communication technology	Digital Council Strategy ICT Asset Management Plan Business Continuity Framework	http://www.google.co.uk/url?sa=t&rct=j&q=&esrc=s&source=web&cd=3&cad=rja&uact=8&ved=2ahUKEwju-uAs7LIAhUUolwKHcTIBvsQFjACegQIBBAC&url=http%3A%2F%2Fwww.eastrenfrewshire.gov.uk%2FCHttpHandler.ashx%3Fid%3D22544%26p%3D0&usg=AOvVaw2WltQfkuLC6M38bHdd2jIH https://www.google.co.uk/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=2ahUKEwjQyfXXs7LIAhWmVBUIHbAKD8QQFjAAegQIARAC&url=http%3A%2F%2Fwww.eastrenfrewshire.gov.uk%2FCHttpHandler.ashx%3Fid%3D23223%26p%3D0&usg=AOvVaw1laxG3Wto14wxLiELxSU0u http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=13542&p=0	BCF 2012 - on going 3 years to 2020 with annual reviews. ICTAMP - 3 years to 2020 with annual reviews. BCF is a rolling framework of documents which are reviewed continually but at a minimum annually.	The BCF is operated on behalf of the Council by the Civil Contingency Service. Focuses on security of information, risk avoidance and continuity of digital services within the Council and to residents. Supports the continual online provision of all services and strategies that the Council undertakes.
Renewable energy	Environmental Sustainability Strategy Environmental Sustainability Action Plan Local Development Plan LDP Strategic Environmental Assessment Supplementary Planning Guidance Renewable Energy (and associated SEA)	http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=13942&p=0 http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=13942&p=0 http://www.eastrenfrewshire.gov.uk/local-development-plan https://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=19383&p=0 http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=18148&p=0	ESS -2015-2018 ESAP 2015-2018 LDP 2015-2025 SPG 2016	There is no specific strategy for the implementation of renewable energy generation within the Council. Instead, the Council uses existing Environmental and Supplementary Planning Strategies to ensure that all renewable projects are given thorough consideration.
Sustainable/renewable heat	Environmental Sustainability Strategy Local Development Plan	http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=13942&p=0 http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=14792&p=0	ESS 2015-2018 LDP 2015-2025	The Council is considering this through the creation of its Local Development Plan 2 and through consideration of the Energy Efficiency Route Map guidance published

				by the Scottish Government. A 'Low carbon heat network opportunity identification' study has been undertaken for the Council area by Zero Waste Scotland and Arup & Partners. The Council is also applying for funding to undertake a pilot Local Heat and Energy Efficiency Strategy (LHEES).
Waste management	Zero Waste Plan Environmental Sustainability Strategy Environmental Action Plan	http://www.gov.scot/Resource/Doc/314168/0099749.pdf http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=13941&p=0 http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=13942&p=0	ZWP On going ESS 2015-2018 ESAP 2015-2018	East Renfrewshire council offers a range of waste and recycling services, and take this seriously by supporting the implementation of the Scottish Government's Zero Waste Plan. This will be achieved by continuing to undertake a range of work supporting resource efficiency, waste minimisation and recycling measures. Further work has been done during this year to audit Council sites in order to assess appropriate provision for recycling.
Water and sewerage	Environmental Sustainability Strategy Local Development Plan Strategic Environmental Assessment State of Environment Report Strategy for Land Remediation (Contaminated Land Strategy)	http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=13941&p=0 http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=14792&p=0 http://www.eastrenfrewshire.gov.uk/local-development-plan http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=18430&p=0 http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=1212&p=0	ESS 2015-2018 LDP 2015-2025 SEA 2015 CLS On-going	No specific strategy for water and sewerage. Management, planning and remediation are contained within a variety of documents.
Land Use	Local Development Plan Strategic Environmental Assessment State of Environment	http://www.eastrenfrewshire.gov.uk/local-development-plan http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=14120&p=0 http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=18430&p=0	LDP 2015 - 2025 SEA 2015 SER 2016 CLS On-going HLA-2018	In addition to documentation previously mentioned, ERC also has a Strategy for Land Remediation (Contaminated Land Strategy) and Housing Land Audit. The Housing Land Audit is updated on an

	Report Strategy for Land Remediation (Contaminated Land Strategy) Housing Land Audit 2018	http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=1212&p=0 https://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=24125&p=0		annual basis and is currently under preparation for the 2019 report.
Other (state topic area covered in comments)	N/A	N/A	N/A	N/A

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

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

The top 5 priorities for the year ahead are as follows:-

1. Review the Council's approach to our Environmental Sustainability Strategy and Climate Change Adaptation Strategy
2. Review the Environment Partnership Group and how climate change and green issues are governed in the Environment Department
3. Undertake a pilot Local Heat and Energy Efficiency Strategy (LHEES)
4. Work with Climate Ready Clyde in devising a climate change adaptation strategy for the Region
5. Raise the awareness and priority of environmental and climate change issues across the Council

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

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

The Council has not used the Climate Change Assessment Tool in the period of time covered by this report.

2(h) Supporting information and best practice

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

For year 2018 – 2019 NDEE Phase 2 works were completed, with the Monitoring & Verification process now being undertaken by E.ON during the period December 2018 to December 2019 (this covers two financial years 2018-19 & 2019-2020). For year 2018-2019 E.ON successfully completed £930 k worth of energy conservation measures across 12 sites within the Council's portfolio.

We are working on updated Environmental Sustainability Strategy and Adaptation Strategy taking into account the revised targets for net-zero greenhouse gas emissions.

PART 3: EMISSIONS, TARGETS AND PROJECTS

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

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

(a) No information is required on the effect of the body on emissions which are not from its estate and operations.

Reference Year	Year	Scope1	Scope2	Scope3	Total	Units	Comments
Baseline carbon footprint	2015/16	9213	11325	833	21371	tCO2e	This figure varies from the total provided for 2015/16 in the last reporting period. This is due to a reassessment of waste totals taking into account waste arisings from Council sites only and inclusion of corporate travel data. This is a more accurate reflection of the Council's corporate impact.
Year 1 carbon footprint	2016/17	9001.87	9809.05	811.23	19622	tCO2e	No comment
Year 2 carbon footprint	2017/18	9604.48	7169.08	1542.48	18316	tCO2e	No comment
Year 3 carbon footprint	2018/19	8853.01	6163.61	785.22	15802	tCO2e	No comment

3b Breakdown of emission sources

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

Total	Emission source	Scope	Consumption data	Units	Emission factor	Units	Emissions (tCO ₂ e)	Comments
15801.8	Water - Supply	Scope 3	118131	m3	0.344	kg CO ₂ e/m3	40.6	Source: Inspired Energy
	Water - Treatment	Scope 3	112224	m3	0.708	kg CO ₂ e/m3	79.5	Calculated using sector agreed factor of 95% of total usage. The figure is therefore based on 95% of the supply figure provided by Inspired Energy.
	Grid Electricity (generation)	Scope 2	20063835	kWh	0.28307	kg CO ₂ e/kWh	5679.5	Data provided by Inspired Energy bureau service - CRC Final Report. This figure includes all non- domestic and pseudo half hourly (street lighting) supply
	Grid Electricity (transmission & distribution losses)	Scope 2	20063835	kWh	0.02413	kg CO ₂ e/kWh	484.1	Data provided by Inspired Energy bureau service - CRC Final Report. This figure includes all non- domestic and pseudo half hourly (street lighting) supply.
	Natural Gas	Scope 1	38899649	kWh	0.18396	kg CO ₂ e/kWh	7156.0	Data provided by Inspired Energy bureau service - CRC Final Report.
	Gas Oil	Scope 1	88829.1	litres	2.97049	kg CO ₂ e/litre	263.9	Data provided by Transport Team. Use of Gas Oil in Council gardening, street cleaning and other machinery.

**Public Sector Climate Change Duties 2019
Summary Report: East Renfrewshire Council**

APPENDIX

Diesel (average biofuel blend)	Scope 1	545563.6	litres	2.62694	kg CO2e/litre	1433.2	Data provided by Transport Team. Takes into account fuel used in Council owned and long term leased fleet.
Refuse Municipal to Landfill	Scope 3	732.4	tonnes	586.5313	kg CO2e/tonne	429.6	Based on waste totals provided by Refuse Team. Assumes 4% of totals attributed to corporate waste arisings.
Mixed recycling	Scope 3	321.4	tonnes	21.3842	kg CO2e/tonne	6.9	Based on waste totals provided by Refuse Team. Assumes 4% of totals attributed to corporate waste arisings.
Organic Food & Drink Composting	Scope 3	393.6	tonnes	10.2586	kg CO2e/tonne	4.0	Based on waste totals provided by Refuse Team. Assumes 4% of totals attributed to corporate waste arisings.
Average Car - Unknown Fuel	Scope 3	751498	miles	0.29072	kg CO2e/mile	218.5	Based on payroll report - travel mileage allowance with total payment to staff of £300,599.32 and a conversion factor of 40p per mile reported. Decrease in emissions helped by increase in use of Council electric cars,
Rail (National rail)	Scope 3	114982	passenger km	0.04424	kg CO2e/passenger km	5.1	Based on conversion of 0.15 for passenger km from total expenses claim (per advice from SSN on £/passenger km).
Bus (local bus, not London)	Scope 3	8513	passenger km	0.12007	kg CO2e/passenger km	1.0	Based on conversion of 0.14 for passenger km from total expenses claim (per advice from SSN on £/passenger km).
Taxi (regular)	Scope 3	335	passenger km	0.15344	kg CO2e/passenger km	0.1	Based on conversion of 2.39 for passenger km from total expenses claim (per advice from SSN on £/passenger km).

3c Generation, consumption and export of renewable energy

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

Technology	Renewable Electricity		Renewable Heat		Comments
	Total consumed by the organisation (kWh)	Total exported (kWh)	Total consumed by the organisation (kWh)	Total exported (kWh)	
Water Source Heat Pump					The Council has not generated any reportable renewable energy in this reporting year.

3d Targets

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

Name of Target	Type of Target	Target	Units	Boundary/ scope of Target	Progress against target	Year used as baseline	Baseline figure	Units of baseline	Target completion year	Comments
Total CO2e reduction	percentage	5	tCO2e reduction	All emissions	19.5	2016/17	19622.15	tCO2e	2018/19	Target is 2.5% reduction per year. Therefore over two years since 2016/17, the overall target is 5%

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

Total	Emissions Source	Total estimated annual carbon savings (tCO2e)	Comments
2514.36	Electricity	1675.79	Lower carbon emissions factoring in 2018/19 due to greater use of renewable generation sources. 1042 LED street lights installed 2018/19, saving 216,753kwh (477tCO2e)
	Natural gas	665.92	Lower usage this year as a result of NDEE Phase 2 implementation projects coupled with a milder winter with lower heating requirements
	Other heating fuels	0	No comment
	Waste	56.91	Comparison against 2017/18 figures show and overall tonnage reduction.
	Water and sewerage	15.01	Comparison against 2017/18 figures. Significant underground burst pipes at 2 x locations now repaired & water saving technologies around the schools (now in year 2) has made a difference
	Business Travel	15.16	Comparison against 2017/18 figures. Savings assisted by increased use of electric cars.
	Fleet transport	85.57	Comparison against 2017/18 figures.
	Other (specify in comments)		

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

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

Project name	Funding source	First full year of CO2e savings	Are these savings figures estimated or actual?	Capital cost (£)	Operational cost (£/annum)	Project lifetime (years)	Primary fuel/emission source saved	Estimated carbon savings per year (tCO2e/annum)	Estimated costs savings (£/annum)	Behaviour Change	Comments
Street lighting LED fitting	East Renfrewshire Council	2017/18	Estimated	130000	28600	25	Grid Electricity	477	32512	'Fit and forget technology'. No training required	1042 LED street lights installed (replacing existing column/lanterns)

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											2018/19. Cost savings based on 15p/kWh.
NDEE - BEMS upgrade	East Renfrewshire Council	2018/19	Estimated	86239	0	7	Natural Gas	212	33434	Information to relevant staff on start up and shut down times. No ISM included.	Primary gas saving of 187 tCO2e. Secondary electricity saving of 25 tCO2e. Data taken from IGA (final) proposal by E.On.
NDEE - BEMS optimisation	East Renfrewshire Council	2018/19	Estimated	13398	0	7	Natural Gas	12	2226	Information to relevant staff on start up times and shut down times. No ISM included.	Primary gas saving of 7 tCO2e. Secondary electricity saving of 5 tCO2e. Data taken from IGA (final) proposal by E.ON.
NDEE - VSD installation	East Renfrewshire Council	2018/19	Estimated	2518	0	7	Grid Electricity	5	1183	Automated technology. No behaviour change required.	Electricity savings only. Data taken from IGA (final) proposal by E.ON.
NDEE - Pipe lagging	East Renfrewshire Council	2018/19	Estimated	10837	0	7	Natural Gas	10	1576	"Fit and forget" measure. No behaviour change information required.	Gas savings only. Data taken from IGA (final) proposal by E.ON
NDEE - Internal lighting	East Renfrewshire Council	2017/18	Estimated	396616	0	7	Grid Electricity	284	70035	Information to staff on lighting levels.	Electricity savings only. Data taken from IGA (final) proposal by E.ON.
NDEE - External lighting	East Renfrewshire Council	2017/18	Estimated	49746	0	7	Grid Electricity	60	14672	No behaviour change aspect required.	Electricity savings only. Data taken from IGA (final) proposal by E.ON.

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NDEE - Air Handling Unit	East Renfrewshire Council	2017/18	Estimated	21450	0	7	Grid Electricity	3 1977	Technical training for relevant staff. No ISM conducted.	Primary electricity savings of 3 tCO2e. Data taken from IGA (final) proposal by E.ON.
NDEE - Boiler implementation	East Renfrewshire Council	2017/18	Estimated	103524	0	7	Natural Gas	42 6875	Technical training for relevant staff.	Gas savings only. Data taken from IGA (final) proposal by E.ON.
NDEE - Air Source Heat Pump installation	East Renfrewshire Council	2017/18	Estimated	151944	0	7	Grid Electricity	24 5983	Technical training for relevant staff.	Electricity savings only. Data taken from IGA (final) proposal by E.ON.

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

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

Total	Emissions source	Total estimated annual emissions (tCO2e)	Increase or decrease in emissions	Comments
0.00	Estate changes			All estate changes (e.g. Crookfur Pavilion closure and Busby Nursery portacabins) will have been taken into account in the energy usage figures reported above
	Service provision			Nothing additional to that reported above
	Staff numbers			Nothing additional to that reported above
	Other (specify in comments)			Nothing additional to that reported above

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

Total	Source	Saving	Comments
-283.00	Electricity	-123	Extra emissions as follows:- 33 tCO2e for Greenlaw Business Centre 90 tCO2e electricity emissions for Maidenhill Primary School (opened Aug 2019) (based upon 97tCO2e electricity emission at the Joint Faith Campus which is slightly bigger and is older)
	Natural gas	-160	Maidenhill Primary School (opened Aug 2019) estimated as providing 160 tCO2e gas emissions (based upon 171 tCO2e gas emissions at the Joint Faith Campus which is slightly bigger and is older)

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

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

Total	Emissions source	Total estimated annual emissions (tCO2e)	Increase or decrease in emissions	Comments
0.00	Estate changes			Nothing to report in addition to the above for year ahead
	Service provision			Nothing to report for year ahead
	Staff numbers			Nothing to report for year ahead
	Other (specify in comments)			Nothing to report for year ahead

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

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

Total	Comments
3820	1306 from 2017/18 (table 3e) plus 2514 from 2018/19 (table 3e)

3k Supporting information and best practice

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

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PART 4: ADAPTATION

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

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

Yes the Council has assessed current and future climate risk within the following Council Plans and Strategies:

Local Development Plan - Strategic document detailing how the Council approached planning issues. The Plan is concerned primarily with land, development and infrastructure and the provision of high quality attractive buildings and places. The Plan will shape the investment plans and allocation of resources of the Council and other public, voluntary and private sector organisations. Together with the Glasgow and Clyde Valley Strategic Development Plan, the Local Development Plan will form the Development Plan for this area against which planning applications are determined. <http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=14792&p=0>

State of the Environment Report - Assesses key trends in improvement or decline in 9 key subjects relevant to Council performance. The intention is for this report to form the foundation of strategic environmental assessments undertaken for the Local Development Plan 2 and any supporting documents. However, given the wide range in subjects it may also prove useful for strategic environmental assessments being undertaken by other sections of the Council. <https://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=24777&p=0>

Strategic Environmental Assessment - Supports the Local Development Plan in assessing the environmental impact of planning issues and process and also how environmental impact should be addressed through planning. <http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=14120&p=0>

Strategic Risk Register - Contains reference to the risks associated with the impact of severe weather (caused by climate change) disrupting the functioning of the Council and its ability to deliver services (risk no. 3.7).
https://www.google.co.uk/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=2ahUKEwjhpmYia3IAhXEolwKHer2AiUQFjAAegQIABAC&url=https%3A%2F%2Fwww.eastrenfrewshire.gov.uk%2FCHttpHandler.ashx%3Fid%3D25182%26p%3D0&usg=AOvVaw0fTSD_PiRXPZSj7Vg50Lnk Also our environment Department Risk Register considers the risk of Severe Weather - Loss of service or service functions due to impact of severe weather. The Environment Department Business Continuity Plan also addresses climate change and severe weather events including flooding.

Civil Contingency Plan - Contains strategic approach to dealing with and mitigating the effects of extreme weather events in the Council area. Operated by the Civil Contingency Service of which, East Renfrewshire Council is a partner organisation.

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

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

The following Strategies (as listed above) provide a framework approach to assessing and taking action on adaptation:

Local Development Plan - Strategic document detailing how the Council approached planning issues. The Plan is concerned primarily with land, development and infrastructure and the provision of high quality attractive buildings and places. The Plan will shape the investment plans and allocation of resources of the Council and other public, voluntary and private sector organisations. Together with the Glasgow and Clyde Valley Strategic Development Plan, the Local Development Plan will form the Development Plan for this area against which planning applications are determined. <http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=14792&p=0>

LDP1 Contains several policies which support adaptation (not exhaustive):

Policy D3 - Green Belt and Countryside Around Towns

Policy D4 - Green Network

Policy D5 - Protection Urban Greenspace

Policy D7 - Green Infrastructure and Open Space Provision within New Development Policy D8 - Natural Features

Policy D9 - Protection of Outdoor Access

Policy D10 - Environmental Projects

Policy D11 - Management and Protection of Built Heritage

Policy D12 - New Conservation Areas Policy SG2 - Distribution of New Housing

Policy E3 - Water Environment

Policy E4 - Flooding

Policy E5 - Surface Water Drainage and Water Quality

Local Development Plan; Main Issues Report - Highlights key issues that require planning activity and agreement and assesses the outcome of planning decisions and approached on these issues that need to be addressed in relation to LDP2.

State of the Environment Report - Assesses key trends in improvement or decline in 9 key subjects relevant to Council performance. The intention is for this report to form the foundation of strategic environmental assessments undertaken for the Local Development Plan 2 and any supporting documents. However, given the wide range in subjects it may also prove useful for strategic environmental assessments being undertaken by other sections of the Council. <https://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=24777&p=0>

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

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

The Council has taken the following steps to adapt to climate change :

Strategy - The Council is preparing an Adaptation Strategy taking into account the 5 Step Process guidance from Adaptation Scotland.

Maintenance - The Council's Property and Technical Service team manage all scheduled and reactive maintenance for buildings.

Planning - The Council's Local Development Plan (along with the Strategic Development Plan) and associated policies dictate how the Council makes decisions on construction on building and infrastructure based on appropriate locations.

Partnership working - We work in partnership with a range of organisations in relation to adaptation via our Civil Contingency Service and Community Planning Partnership.

Civil contingency - Our civil contingency planning is part of a shared service between Renfrewshire, Inverclyde and West Dunbartonshire Councils. The Civil Contingency Service creates and oversees all written planning and preparatory work that the Council has agreed to enact in the case of a rapid onset event such as severe weather. This includes the Service providing practical coordination between partnership organisations and adjoining Councils in order to provide a unified response for the protection of people and infrastructure. For more information please see <http://www.renfrewshire.gov.uk/ccs>

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")?

If the body is listed in the Programme as a body responsible for the delivery of one or more policies and proposals under the objectives N1, N2, N3, B1,B2, B3, S1, S2 and S3, provide details of the progress made by the body in delivering each policy or proposal in the report year. If it is not responsible for delivering any policy or proposal under a particular objective enter "N/A" in the 'Delivery progress made' column for that objective.

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

Objective	Objective reference	Theme	Policy / Proposal reference	Delivery progress made	Comments
Understand the effects of climate change and their	N1	Natural Environment	N1-1	N/A	Not applicable to East Renfrewshire Council
			N1-2	N/A	Not applicable to East Renfrewshire Council
			N1-3	N/A	Not applicable to East Renfrewshire Council

impacts on the natural environment.			N1-4	N/A	Not applicable to East Renfrewshire Council
			N1-5	N/A	Not applicable to East Renfrewshire Council
			N1-6	N/A	Not applicable to East Renfrewshire Council
			N1-7	N/A	Not applicable to East Renfrewshire Council
			N1-8	Applicable only to relevant local authorities with coastal and estuarine areas.	This policy refers to coastal flooding and although is relevant to local authorities is not applicable to East Renfrewshire Council as an inland area.
			N1-9	N/A	Not applicable to East Renfrewshire Council
			N1-10	Flood Risk Management Plan has been prepared by lead Authority (Glasgow City Council). This is one of 14 regional strategies prepared for Scotland and overseen by SEPA. These local plans will supplement, and be consistent with, SEPA's strategy but will set out the proposed local coordination arrangements for the selected actions, as well as how they will be programmed and funded.	Access documentation here - https://www.glasgow.gov.uk/index.aspx?articleid=19470 ERC information on flood risk management - https://www.eastrenfrewshire.gov.uk/Flood-Risk-Management-Plans
			N1-11	N/A	Not applicable to East Renfrewshire Council
			N1-12	N/A	Not applicable to East Renfrewshire Council
			N1-13	N/A	Not applicable to East Renfrewshire Council
N1-14	N/A	Not applicable to East Renfrewshire Council			
Support a healthy and diverse natural environment with capacity to adapt.	N2	Natural Environment	N2-1	N/A	Not applicable to East Renfrewshire Council
			N2-2	Green Infrastructure intentions included in Local Development Plan - Section 5 Place Making and Design.	Access document here: http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=14792&p=0 All information related to planning can be accessed here - https://www.eastrenfrewshire.gov.uk/localplan

N2-3	N/A	Not applicable to East Renfrewshire Council
N2-4	N/A	Not applicable to East Renfrewshire Council
N2-5	N/A	Not applicable to East Renfrewshire Council
N2-6	N/A	Not applicable to East Renfrewshire Council
N2-7	Not specifically related to East Renfrewshire Council responsibility but general information is given on common invasive plants that are problematic to infrastructure and well being.	Web pages available here - https://www.eastrenfrewshire.gov.uk/article/3732/Invasive-Plants
N2-8	N/A	Not applicable to East Renfrewshire Council
N2-9	N/A	Not applicable to East Renfrewshire Council
N2-10	N/A	Not applicable to East Renfrewshire Council
N2-11	Green network information included in Local Development Plan - Section 5 Place Making and Design.	Access documentation here: http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=14792&p=0
N2-12	N/A	Not applicable to East Renfrewshire Council
N2-13	N/A	Not applicable to East Renfrewshire Council
N2-14	N/A	Not applicable to East Renfrewshire Council
N2-15	N/A	Not applicable to East Renfrewshire Council
N2-16	N/A	Not applicable to East Renfrewshire Council
N2-17	Riverbasin Management Plan lead by Glasgow City Council. East Renfrewshire Council also conducts watercourse inspections.	Access documentation here: https://www.glasgow.gov.uk/index.aspx?articleid=19470 http://www.eastrenfrewshire.gov.uk/Flood-Risk-Management-Plans
N2-18	Local Flood Risk Plan lead by Glasgow City Council.	Access documentation here: https://www.glasgow.gov.uk/index.aspx?articleid=19470
N2-19	N/A	Not applicable to East Renfrewshire Council

			N2-20	N/A	This policy refers to coastal management and processes and although is relevant to local authorities is not applicable to East Renfrewshire Council.
			N2-21	N/A	Not applicable to East Renfrewshire Council
			N2-22	N/A	Not applicable to East Renfrewshire Council
			N2-23	N/A	Not applicable to East Renfrewshire Council
Sustain and enhance the benefits, goods and services that the natural environment provides.	N3	Natural Environment	N3-1	N/A	Not applicable to East Renfrewshire Council
			N3-2	N/A	Not applicable to East Renfrewshire Council
			N3-3	N/A	Not applicable to East Renfrewshire Council
			N3-4	N/A	Not applicable to East Renfrewshire Council
			N3-5	N/A	Not applicable to East Renfrewshire Council
			N3-6	N/A	Not applicable to East Renfrewshire Council
			N3-7	N/A	Not applicable to East Renfrewshire Council
			N3-8	N/A	Not applicable to East Renfrewshire Council
			N3-9	N/A	Not applicable to East Renfrewshire Council
			N3-10	N/A	Not applicable to East Renfrewshire Council
			N3-11	N/A	Not applicable to East Renfrewshire Council
			N3-12	N/A	Not applicable to East Renfrewshire Council
			N3-13	N/A	Not applicable to East Renfrewshire Council
			N3-14	N/A	Not applicable to East Renfrewshire Council
Understand the effects of climate change and their impacts on buildings and infrastructure networks.	B1	Buildings and infrastructure networks	B1-1	N/A	Not applicable to East Renfrewshire Council
			B1-2	N/A	Not applicable to East Renfrewshire Council
			B1-3	N/A	Not applicable to East Renfrewshire Council
			B1-4	N/A	Not applicable to East Renfrewshire Council
			B1-5	N/A	Not applicable to East Renfrewshire Council
			B1-6	N/A	Not applicable to East Renfrewshire Council

			B1-7	N/A	Not applicable to East Renfrewshire Council
			B1-8	N/A	Not applicable to East Renfrewshire Council
			B1-9	N/A	Not applicable to East Renfrewshire Council
			B1-10	N/A	Not applicable to East Renfrewshire Council
			B1-11	N/A	Not applicable to East Renfrewshire Council
			B1-12	N/A	Not applicable to East Renfrewshire Council
			B1-13	Flood Risk Management Plan has been prepared by lead Authority (Glasgow City Council). Local plans will supplement, and be consistent with, SEPA's strategy but will set out the proposed local coordination arrangements for the selected actions, as well as how they will be programmed and funded.	Access documentation here on Glasgow City Council pages here - https://www.glasgow.gov.uk/index.aspx?articleid=19470 Plan Document here - https://www.glasgow.gov.uk/CHttpHandler.ashx?id=33977&p=0
			B1-14	N/A	Not applicable to East Renfrewshire Council
			B1-15	N/A	Not applicable to East Renfrewshire Council
			B1-16	N/A	Not applicable to East Renfrewshire Council
			B1-17	N/A	Not applicable to East Renfrewshire Council
			B1-18	N/A	Not applicable to East Renfrewshire Council
			B1-19	Local Development Plan - Section 7	Access documentation here: http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=14792&p=0
Provide the knowledge, skills and tools to manage climate change impacts on buildings and infrastructure.	B2	Buildings and infrastructure networks	B2-1	N/A	Not applicable to East Renfrewshire Council
			B2-2	N/A	Not applicable to East Renfrewshire Council
			B2-3	N/A	Not applicable to East Renfrewshire Council
			B2-4	N/A	Not applicable to East Renfrewshire Council
			B2-5	N/A	Not applicable to East Renfrewshire Council
			B2-6	N/A	Not applicable to East Renfrewshire Council
			B2-7	N/A	Not applicable to East Renfrewshire Council

			B2-8	N/A	Not applicable to East Renfrewshire Council
			B2-9	N/A	Not applicable to East Renfrewshire Council
			B2-10	N/A	Not applicable to East Renfrewshire Council
			B2-11	N/A	Not applicable to East Renfrewshire Council
			B2-13	N/A	Not applicable to East Renfrewshire Council
			B2-14	N/A	Not applicable to East Renfrewshire Council
			B2-15	N/A	Not applicable to East Renfrewshire Council
			B2-16	N/A	Not applicable to East Renfrewshire Council
			B2-17	N/A	Not applicable to East Renfrewshire Council
			B2-18	N/A	Not applicable to East Renfrewshire Council
			B2-19	N/A	Not applicable to East Renfrewshire Council
			B2-20	N/A	Not applicable to East Renfrewshire Council
			B2-21	N/A	Not applicable to East Renfrewshire Council
			B2-22	N/A	Not applicable to East Renfrewshire Council
Increase the resilience of buildings and infrastructure networks to sustain and enhance the benefits and services provided.	B3	Buildings and infrastructure networks	B3-1	N/A	Not applicable to East Renfrewshire Council
			B3-2	Guidance on sustainable flood risk management is contained in Local Development Plan - Section 7	Access documentation here: http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=14792&p=0
			B3-3	Relevant guidance and information in Local Development Plan - all Sections. Main Issues Report - Supporting documentation leading to LDP2Supplementary Planning Guidance for key areas of development in the Council	Access documentation here: http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=14792&p=0 http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=18565&p=0 http://www.eastrenfrewshire.gov.uk/spg
			B3-4	N/A	Not applicable to East Renfrewshire Council
			B3-5	N/A	Not applicable to East Renfrewshire Council

B3-6	East Renfrewshire Council continues to provide access to advice to householders on energy reduction and fuel poverty, This is done via Home Energy Improvement Schemes (HEEPS:ABS) and our ECO Flexible Eligibility Scheme.	Further information here: http://www.eastrenfrewshire.gov.uk/home-energy
B3-7	In 2018/19 74.4% of Council owned homes were compliant with the EESSH standard less than target of 85%. This slower progress to target has come from investment having to continue in some properties who meet EESSH standard but with boilers faulty or obsolete. 97.4% of properties met SHQS standard, maintaining our previous year's high performance.	Access documentation here: https://directory.scottishhousingregulator.gov.uk/pages/landlord.aspx?LAtozNameQS=F36BA67C-CFA9-E311-93F1-005056B555E6
B3-8	In 2018/19 74.4% of Council owned homes were compliant with the EESSH standard less than target of 85%. This slower progress to target has come from investment having to continue in some properties who meet EESSH standard but with boilers faulty or obsolete. 97.4% of properties met SHQS standard, maintaining our previous year's high performance.	Access documentation here: https://directory.scottishhousingregulator.gov.uk/pages/landlord.aspx?LAtozNameQS=F36BA67C-CFA9-E311-93F1-005056B555E6
B3-9	N/A	Not applicable to East Renfrewshire Council
B3-10	N/A	Not applicable to East Renfrewshire Council
B3-11	N/A	Not applicable to East Renfrewshire Council

			B3-12	N/A	Not applicable to East Renfrewshire Council
			B3-13	N/A	Not applicable to East Renfrewshire Council
			B3-14	N/A	Not applicable to East Renfrewshire Council
			B3-15	N/A	Not applicable to East Renfrewshire Council
			B3-16	N/A	Not applicable to East Renfrewshire Council
Understand the effects of climate change and their impacts on people, homes and communities.	S1	Society	S1-1	N/A	Not applicable to East Renfrewshire Council
			S1-2	N/A	Not applicable to East Renfrewshire Council
			S1-3	N/A	Not applicable to East Renfrewshire Council
			S1-4	N/A	Not applicable to East Renfrewshire Council
			S1-5	N/A	Not applicable to East Renfrewshire Council
			S1-6	N/A	Not applicable to East Renfrewshire Council
			S1-7	N/A	Not applicable to East Renfrewshire Council
Increase the awareness of the impacts of climate change to enable people to adapt to future extreme weather events.	S2	Society	S2-1	N/A	Not applicable to East Renfrewshire Council
			S2-2	N/A	Not applicable to East Renfrewshire Council
			S2-3	N/A	Not applicable to East Renfrewshire Council
			S2-4	N/A	Not applicable to East Renfrewshire Council
			S2-5	N/A	Not applicable to East Renfrewshire Council
			S2-6	N/A	Not applicable to East Renfrewshire Council
			S2-7	N/A	Not applicable to East Renfrewshire Council
			S2-8	N/A	Not applicable to East Renfrewshire Council
			S2-9	N/A	Not applicable to East Renfrewshire Council
			S2-10	N/A	Not applicable to East Renfrewshire Council
			S2-11	N/A	Not applicable to East Renfrewshire Council
			S2-12	N/A	Not applicable to East Renfrewshire Council
			S2-13	N/A	Not applicable to East Renfrewshire Council
			S2-14	N/A	Not applicable to East Renfrewshire Council
			S2-15	N/A	Not applicable to East Renfrewshire Council
			S2-16	N/A	Not applicable to East Renfrewshire Council
	S3	Society	S3-1	N/A	Not applicable to East Renfrewshire Council

Support our health services and emergency responders to enable them to respond effectively to the increased pressures associated with a changing climate.	S3-2	N/A	Not applicable to East Renfrewshire Council
	S3-3	N/A	Not applicable to East Renfrewshire Council
	S3-4	N/A	Not applicable to East Renfrewshire Council
	S3-5	N/A	Not applicable to East Renfrewshire Council
	S3-6	N/A	Not applicable to East Renfrewshire Council
	S3-7	N/A	Not applicable to East Renfrewshire Council
	S3-8	N/A	Not applicable to East Renfrewshire Council
	S3-9	N/A	Not applicable to East Renfrewshire Council
	S3-10	N/A	Not applicable to East Renfrewshire Council
	S3-11	N/A	Not applicable to East Renfrewshire Council
	S3-12	N/A	Not applicable to East Renfrewshire Council
	S3-13	N/A	Not applicable to East Renfrewshire Council
	S3-14	N/A	Not applicable to East Renfrewshire Council
	S3-15	N/A	Not applicable to East Renfrewshire Council

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

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

The Local Development Plan (LDP) and Strategic Environmental Assessment (SEA) are reviewed 5 yearly and the State of the Environment Report is reviewed bi-annually. Consultation on the new LDP2 commenced with a Main Issues Report; and a new Proposed Local Development Plan 2 will be out to public consultation Nov-Dec 2019. Some Supplementary Planning Guidance to deal with more detailed and emerging land use issues will be published in 2019 and others in 2020 and will also be subject to public consultation. These will be available on the Council's website.

Updated Environmental Sustainability Strategy and Adaptation Strategy are currently in preparation, taking into account updated zero greenhouse gas emission targets.

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

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

The Local Development Plan is subject to a Strategic Environmental Assessment (SEA). Other separate planning policies/strategies are screened for the need for SEA. The State of the Environment Report provides the base information for such assessments. Individual planning applications, where appropriate are screened and subject to individual Environmental Impact Assessments which consider the environmental impact of the proposal and any necessary or otherwise appropriate mitigation/adaptation measures.

The Council maintains a Strategic Risk Register based on the Single Outcome Agreement objectives agreed with the Scottish Government. The risk register includes impacts related to climate change based on the Single Outcome Agreement. The register is regularly updated with all amendments being considered by the Audit and Scrutiny Committee.

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

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

The top 5 priorities for the year ahead are as follows:-

1. Continue energy efficiency improvement works including boiler, window, roof, lighting and lighting controls
2. Publish the Proposed Local Development Plan 2, with enhanced environmental improvement and adaptation policies, and take it through public consultation. Also publish revised and updated Supplementary Planning Guidance on Renewable Energy
3. Change of electricity tariff so that all electricity will be supplied from certified renewable sources. Additional tariff costs will be compensated by capacity reductions
4. The Energy Efficiency Standard for Social Housing (ESSH) 2020 target for compliance will remain a key priority for us, with ESSH 2 following closely behind
5. We will progress the Council's New Build Housing Programme, within which we are building to silver standard in terms of a greener build and property running costs for future tenants (2019/20 we are in the process of delivering 22 new homes at Blackbyres in Barrhead; and preparing to commence delivery of 47 new homes at Balgraystone in Barrhead for 20/21)

4(h) Supporting information and best practice

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

In terms of sustainable travel, the Council runs a number of schemes including Liftshare (a car-sharing scheme aimed at ERC Staff) and Beat the Street (a 'game' aimed at encouraging school children (and adults) to walk /cycle more). We also have a range of school based incentives such as Primary to Secondary School Transition, Park & Stride and bikeability which are all geared towards encouraging walking/cycling to/from school. ERC receive active travel funding from a range of sources which is used to improve/upgrade pedestrian and cycle infrastructure.

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PART 5: PROCUREMENT

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

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

Public Bodies Duties states "a public body must, in exercising its functions, act:

- 1 - in the way best calculated to contribute to delivery of the Act's emissions reduction targets
- 2 - in the way best calculated to deliver any statutory adaptation programme
- 3 - in a way that it considers most sustainable.

Evidence of compliance.

1 - East Renfrewshire Council currently has a Sustainable Procurement Policy supported by the Director of Environment. The Council has nominated the Director of Environment, Andy Cahill, as its Sustainable Procurement Champion. This policy reflects East Renfrewshire Council's approach to sustainable procurement and is intended that it will apply to all contracts for works, goods or services in which the Council has an interest. The policy can be accessed from our website here <http://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=13154&p=0>

2 - Before carrying out a regulated procurement, procurers are encouraged to consider how in conducting the procurement process they can:

- Improve the economic, social, and environmental wellbeing of the authority's area.
- Facilitate the involvement of small and medium enterprises, third sector bodies and supported businesses in the process.
- Promote innovation.

3 - The Council's Sustainable Procurement Policy is applied to all contracts for goods, works and services that have a value in excess of £100,000. Procuring officers shall give full consideration to the relevance and appropriateness of the use of social and economic community benefit clauses in all tender exercises and where deemed suitable ensure relevant requirements are included in tender documentation. Consideration of the use of social and economic community benefit requirements shall be extended to goods and services contracts with a value of £50,000 or more. In addition, the council will seek to maximise opportunities for environmental benefits and work with suppliers to reduce environmental impacts in procurement activity for goods, services or works carried out using Quick Quote with a value greater than £25,000. The policy documents embed sustainable procurement and community benefits into the procurement process/cycle. This is firstly reflected in the Standing Orders related to Contract whereby the requirements of the Sustainable Procurement Policy are reflected. The mechanism for ensuring depts. capture and record their consideration is through the completion of a Contract Strategy Document (CSD). This document is to be completed for each tendering exercise that is conducted, this is again reflected in the Standing Orders relating to Contracts. Areas to be considered when completing the CSD in relation to sustainability include:

- The completion of Environmental Opportunities Checklist
- Is fair working practices relevant to this procurement
- How will the procurement promote innovation?
- How will the procurement facilitate the involvement of third sector bodies?
- Will the procurement facilitate the involvement of supported businesses?
- Will the tender make provision for sub-contract opportunities for SME's

4 - Inclusion of community benefits and where applicable The “Environmental Opportunities Checklist” that is to be completed for all requirements in excess of £25,000 concentrates on the undernoted areas with further information available on the Council intranet for those carrying out procurement exercises. All relevant contracts must seek to:

- Reduce/Minimise waste
- Reduce Transport Impacts
- Reduce Carbon Emissions
- Apply Whole Life Costings
- Prevent Use of Hazardous Materials
- Reduce Energy Consumption/and or improve energy efficiency
- Source Food and Drink more sustainably
- Ensure Timber and Paper are sourced sustainably

5 - Sustainable Procurement Checklist created by Environment Procurement Team to ensure that procuring officers are aware of how to maximise sustainability measures and outcomes when purchasing goods and services. e.g.

- using local contractors
- vehicle drivers are trained to drive “sustainably” (aware of fuel efficiency)
- minimising waste
- using local supply chain to avoid carbon miles
- ensuring that Contractors have a “green policy”

6 - Sustainability question is included in procurement tender documents requesting sustainability credentials, experience and understanding from potential contractors.

Moving forward, the Council is preparing a revised Corporate Procurement Strategy under the Procurement Improvement Plan 2019-22.

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

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

Example 1 - Non Domestic Energy Efficiency Framework Phase 2

NDEE is a Scottish Procurement Framework Contract that allows Framework Contractors & Public Bodies to agree and guarantee energy and carbon savings by carrying out energy efficiency improvements. Using the NDEE framework, the Council continued with a second phase of energy efficiency works amounting to £930k during financial year 2018-2019. The savings anticipated from these works will be monitored/verified during the period December 2018 to December 2019. The energy conservation measures (carried out in 2018 -2019) included a range of measures such as boiler replacement and building management system control upgrades as well as LED lighting implementation and renewables (Air Source Heat Pump) projects. This project will provide anticipated energy carbon and cost savings amounting to £137k per annum with a forecasted payback of 7 years on the significant investment of £930K.

Example 2 - The Council has been contributing to climate change duties by investing in Electric Vehicles and looking at new electrical equipment for our manual staff group. We also are looking to increase our electric point infrastructure thought out the area so we can increase our electric fleet as our fleet

capital replacement programme grows.

Example 3 - The new council houses that are being built at Blackbyres Road, Cross Arthurlie Street and Balgraystone Road are all built to Building Standards sustainability level Silver.

Example 4 - Construction of Greenlaw Business Centre (opened March 2019)

Contract tender was developed using (in part) the Environmental Checklist. Successful contractor was Morrison Construction. The community benefits included the contractor working with social enterprises Young Enterprise Scotland and Barrhead Men's Shed on elements such as the site signage and planting. Whilst not recognised formally under the building warrant process, the design team estimates that the Greenlaw Business Centre would achieve Bronze Active level under the building regulations. This is on account of the heating being provided by low carbon technology air source heat pumps. Bronze Active level is one step up from Bronze level, which represents basic building regulation compliance.

Example 5 - Construction of Maidenhill Primary School (opened August 2019)

This new school has been designed to the outputs of an environmental strategy that contains the following:

- 1 - Building Regulations Compliance with Section 7: Energy Scotland 2015.
- 2 - Energy Performance Certificate: A rated as per regulation.
- 3 - Ventilation of school buildings as per Building Bulletin 101 v1.4 2006 regulations.
- 4 - Daylight levels as per best practice under BREEAM 2008 and BS8206-2:2008.
- 5 - Dynamic building simulation modelling to assess how the building will respond under a variety of weather and occupancy scenarios.
- 6 - Inclusion of LED lighting in design.
- 7 - Inclusion of PV array for electricity generation.
- 8 - Design of outdoor play area to enhance experience of natural and wild places.

Example 6 - Early years expansion includes the development of five new build nursery and family centres. These new buildings have been designed and are under construction to the outputs of an environmental strategy that contains the following:

- 1 - Building Regulations Compliance with Section 7: Energy Scotland 2015.
- 2 - Energy Performance Certificate: 'A' rated as per regulation.
- 3 - Ventilation of education buildings as per Building Bulletin 101 v1.4 2006 regulations.
- 4 - Daylight levels has been assessed against BS8206-2:2008
- 5 - Dynamic building simulation modelling to assess how the building will respond under a variety of weather and occupancy scenarios.
- 6 - Inclusion of LED lighting in design.
- 7 - Inclusion of PV array for electricity generation.
- 8 - Design of outdoor play area to enhance experience of natural and wild places.

5(c) Supporting information and best practice

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

No further information to add.

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PART 6: VALIDATION AND DECLARATION

6(a) Internal validation process

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

Section 1 - Profile of Reporting Body - Internal Audit Team reviewed the accounts and the figure included in the report is materially accurate.

Sections 2, 4 and 5 - Internal Audit Team confirm that these sections appear to be appropriately completed and cross referenced to supporting records. Whilst they confirm that all documents referred to exist, all content contained in them e.g. Operational Road Risk Register and Local Development Plan 2 has not been verified.

Section 3 - Emissions, Targets and Strategy - Internal Audit Team confirm overall that the amended figures in section 3 are considered materially correct.

Passenger miles have been added for Bus and Taxi for the first time this year as there was no accurate conversion factor available at the time of the last return. The conversion factors being used to allow these to be included are based on information provided by Sustainable Scotland Network which seems reasonable.

The figures being shown in Table 3h were not checked as these are based on an estimate to a similar sized building and actual figures will be reported in the next annual return.

Inspired Energy Service (formerly STC) provide 3rd party checks on utilities data. Internal Audit Team confirm that this year's reports were generated based on the same rationale as last year and they were scrutinised as part of the last audit and considered to be an accurate reflection of energy use. No further detailed checking of underlying data for Inspired report was therefore carried out this year.

Section 6 - Not validated.

Section 7 - Reporting on Wider Influence - Not validated.

6(b) Peer validation process

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

No peer validation has been conducted on the information contained within this report.

6(c) External validation process

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

Section 3 - utility consumption has been provided through Inspired Energy Services (formerly STC) therefore this data has been validated by an external body.

6(d) No validation process

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

No validation on the following sections: Section 6 - Not relevant as the section itself pertains to validation. Section 7 - Whilst not officially validated, the majority of the information is taken from documents already evidenced and validated within other sections of the report and reported to the Council through our 'Pentana' corporate performance management system.

6e - Declaration

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

Name	Role in the body	Date
Phil Daws	Local Authority	2019-11-29

RECOMMENDED – WIDER INFLUENCE

Q1 Historic Emissions (Local Authorities only)

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

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

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

Select the default target dataset

Subset

Table 1a - Subset

Sector	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Units	Comments
Total Emissions	482.15	459.05	475.65	435.60	427.88	419.24	384.32	372.34	0	0	0	ktCO ₂	This information is only included as it forms part of the reporting requirements. East Renfrewshire Council does not currently rely on this dataset to measure progress/change (mainly due to the data-lag issues).
Industry and Commercial	76.21	84.30	89.10	81.89	65.04	62.07	60.06	53.21	0	0	0	ktCO ₂	
Domestic	250.29	223.94	237.40	208.98	224.64	220.07	184.44	179.43	0	0	0	ktCO ₂	
Transport total	155.66	150.80	149.14	144.73	138.20	137.10	139.82	139.70	0	0	0	ktCO ₂	
Per Capita	5.36	5.10	5.26	4.80	4.70	4.58	4.16	4.01	0	0	0	tCO ₂	
Waste												tCO ₂ e	N/A
LULUCF Net Emissions												ktCO ₂	N/A
Other (specify in 'Comments')													N/A

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Table 1b - Full													
Sector	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Units	Comments
Total Emissions	535.89	513.66	529.31	487.93	479.65	470.41	434.74	423.98				ktCO2	This information is only included as it forms part of the reporting requirements. East Renfrewshire Council does not currently rely on this dataset to measure progress/change (mainly due to the data-lag issues).
Industry and Commercial	76.62	84.83	89.54	82.41	65.54	62.88	60.53	53.62				ktCO2	
Domestic	250.29	223.94	237.40	208.98	224.64	220.07	184.44	179.43				ktCO2	
Transport total	190.04	186.44	184.62	179.91	173.21	172.15	175.16	176.77				ktCO2	
Per Capita	5.96	5.71	5.85	5.37	5.27	5.14	4.70	4.56				tCO2	
Waste												tCO2e	N/A
LULUCF Net Emissions	18.95	18.45	17.74	16.63	16.26	15.31	14.61	14.16				ktCO2	
Other (specify in 'Comments')													N/A

Q2a – Targets									
Please detail your wider influence targets									
Sector	Description	Type of Target (units)	Baseline value	Start year	Target saving	Target / End Year	Saving in latest year measured	Latest Year Measured	Comments
Transport	Percentage of school pupils completing on road cycle training .	Other (specify in Comments)	75	2015	95	2020	84	2019	Percentage of pupils. 84% - 1424 pupils were offered Level 2 with 1198 completing the course. A further 222 pupils completed their Level 1 Bikeability which is in the playground and captures the pupils wh.o weren't ready to go out on road

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Transport	Percentage of pupils in fulltime education at school, whose usual main method of travel to school is be walking or cycling.	Other (specify in Comments)	42 2015	42.5 2020	41 2019	Percentage of pupils. Information from Pentana.
Land Use, Land Use Change & Forestry	Number of hectares of Greenspace in East Renfrewshire improved.	Other (specify in Comments)	6 2015	3 2020	0.5 2019	Absolute number of hectares - year on year.
Land Use, Land Use Change & Forestry	The length of paths newly created or managed.	Other (specify in Comments)	2 2015	3 2020	0.1 2019	Total kilometres. - year on year. This consisted of a bridge over the Levern Water, so was an important and expensive project.
Transport	Number of Air Quality Management Sites declared.	Other (specify in Comments)	0 2015	0 2020	0 2019	Total number of sites declared.
Waste	Percentage of total household waste that is recycled.	Other (specify in Comments)	55 2015	56 2020	66.2 2019	Percentage of households. Information from Pentana.
Waste	The percentage of households offered kerbside recycling facilities.	Other (specify in Comments)	99 2015	100 2020	100 2019	Percentage of households. Information from Pentana.
Buildings	The percentage of East Renfrewshire households identified as being in fuel poverty (spending more than 10% of income on fuel)	Other (specify in Comments)	20 2015	18 2020	20 2019	Percentage of households. 2019 figure from the Scottish House condition Survey Local Authority Analysis 2015-2017.
Buildings	The percentage of East Renfrewshire households identified as being in extreme fuel poverty (spending more than 20% of income on fuel)	Other (specify in Comments)	8 2015	6 2020	4 2019	Percentage of households. 2019 figure from the Scottish House condition Survey Local Authority Analysis 2015-2017.
Transport	Number of infrastructure improvements including new shelters raised kerbs or real time information displays at bus stops.	Other (specify in Comments)	40 2015	40 2020	25 2019	Total number of improvements. 2019 figures indicate previous years as follows 2017/18 – 20 2016/17 – 16 15/16 – 22

Q2b) Does the Organisation have an overall mission statement, strategies, plans or policies outlining ambition to influence emissions beyond your corporate boundaries? If so, please detail this in the box below.

Currently there is no overall plan, policy or mission statement related to wider emissions. The current Environmental Sustainability Strategy and Action Plan contain information and targets that relate to the Councils wider influence. This is in the process of being updated and further information will be provided in the next Climate Change Report for 2019/20.

Q3) Policies and Actions to Reduce Emissions

Sector	Start year for policy / action implementation	Year that the policy / action will be fully implemented	Annual CO2 saving once fully implemented (tCO2)	Latest Year measured	Saving in latest year measured (tCO2)	Status	Metric / indicators for monitoring progress	Delivery Role	During project / policy design and implementation, has ISM or an equivalent behaviour change tool been used?	Please give further details of this behaviour change activity	Value of Investment (£)	Ongoing Costs (£/year)	Primary Funding Source for Implementation of Policy / Action	Comments
Transport	2015	2019				In Implementation	Metrics regarding transport as described in 2a.	Direct	No	Please see Question 2a.			N/A	N/A
Land Use, Land Use Change & Forestry	2015	2019				In Implementation	Metrics regarding land use as described in question 2a.	Direct	No	N/A			N/A	N/A
Waste	2015	2019				In Implementation	Metrics regarding waste as described in 2a.	Direct	No	None			N/A	N/A
Buildings	2015	2019				In Implementation	Metrics regarding buildings as	Direct	No	None			N/A	N/A

							described in question 2a.							
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Please provide any detail on data sources or limitations relating to the information provided in Table 3

None.

Q4) Partnership Working, Communication and Capacity Building.
Please detail your Climate Change Partnership, Communication or Capacity Building Initiatives below.

Key Action Type	Description	Action	Organisation's project role	Lead Organisation (if not reporting organisation)	Private Partners	Public Partners	3rd Sector Partners	Outputs	Comments
Partnership Working	Staff training for sustainability professionals.	Learning/ Training	Participant	Sustainable Scotland Network	None	All relevant public sector bodies.	Sustainable Scotland Network	Training received on sustainability and climate change. Also climate change reporting guidance.	None
Partnership Working	Contribution to Scottish Energy Officers Network - various projects such as data	Skills/Capacity Building	Participant	Scottish Energy Officers Network	None	All relevant public sector bodies.	None	Data benchmarking project. Knowledge sharing.	None
Education	School staff continue to benefit from high quality professional learning provided by WOSDEC (West Of Scotland Development Education Centre), a key partner in Learning for Sustainability (LfS). Pupils continue to participate in a wide range of LfS activities including award based programmes such as the Duke of Edinburgh Award, John Muir Award and Eco School Green Flag. Twenty schools with East Renfrewshire have successfully been awarded Gold status as part of Sportscotland's School Sport Award. Thirty schools and centres currently hold an Eco Schools Green Flag Award, which is a higher proportion than in any other local authority.	Learning/ Training	Participant	WOSDEC	None	None	Keep Scotland Beautiful	Continuation of Eco Schools programme.	None

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Capacity Building (ie. staff training and development initiatives)	Training and support from Mott McDonald for Non Domestic Energy Efficiency Framework.	Skills/Capacity Building	Participant	Mott McDonald	None	None	Carbon Trust	Successful implementation of second Phase of NDEE.	None
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OTHER NOTABLE REPORTABLE ACTIVITY

Q5) Please detail key actions relating to Food and Drink, Biodiversity, Water, Procurement and Resource Use in the table below.				
Key Action Type	Key Action Description	Organisation's Project Role	Impacts	Comments
Biodiversity	Implementation of Local Biodiversity Action Plan	Participant	Implementation of LBAP and also participant wider regional action on biodiversity.	In participation with Inverclyde and Renfrewshire.
Food & Drink	Community Food and Growing Network.	Supporting	Supporting the Community Food Growing Network in various projects.	https://www.facebook.com/ERCFGN/

Q6) Please use the text box below to detail further climate change related activity that is not noted elsewhere within this reporting template
No further comment.