

Public Document Pack



To: Councillor Yuill, Convener; Councillor Radley, Vice-Convener; and Councillors Ali, Blake, Hazel Cameron, Fairfull, Farquhar, Henrickson, Hutchison, Kuszniir, Macdonald, Massey and van Sweeden.

Town House,
ABERDEEN, 9 November 2022

NET ZERO, ENVIRONMENT AND TRANSPORT COMMITTEE

The Members of the **NET ZERO, ENVIRONMENT AND TRANSPORT COMMITTEE** are requested to meet in the **Council Chamber - Town House on THURSDAY, 17 NOVEMBER 2022 at 10.00 am**. This is a hybrid meeting and Members may also attend remotely.

The meeting will be webcast and a live stream can be viewed on the Council's website. <https://aberdeen.public-i.tv/core/portal/home>

VIKKI CUTHBERT
INTERIM CHIEF OFFICER - GOVERNANCE

BUSINESS

NOTIFICATION OF URGENT BUSINESS

1.1. There are no items of urgent business at this time

DETERMINATION OF EXEMPT BUSINESS

2.1. There are no items of exempt business

DECLARATIONS OF INTEREST AND TRANSPARENCY STATEMENTS

3.1. Members are requested to intimate any declarations of interest

DEPUTATIONS

4.1. There are no requests for deputation at this time

MINUTE OF PREVIOUS MEETING

5.1. There are no minutes for approval

COMMITTEE PLANNER

6.1. Committee Business Planner (Pages 5 - 12)

NOTICES OF MOTION

7.1. There are no Notices of Motion at this time

REFERRALS FROM COUNCIL, COMMITTEES & SUB COMMITTEES

8.1. There are no referrals at this time

PRESENTATION

9.1. Presentation by Chief Officer - Strategic Place Planning

NET ZERO

10.1. Climate Change Report 2021-22 - COM/22/253 (Pages 13 - 78)

ENVIRONMENT

11.1. There are no reports under this heading

TRANSPORT

12.1. There are no reports under this heading

PERFORMANCE AND RISK

13.1. Net Zero, Environment and Transport Performance Report - CUS/22/238 (Pages 79 - 94)

IAs related to reports on this agenda can be viewed [here](#)

To access the Service Updates for this Committee please click [here](#)

Website Address: aberdeencity.gov.uk

Should you require any further information about this agenda, please contact Steph Dunsmuir, sdunsmuir@aberdeencity.gov.uk

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	A	B	C	D	E	F	G	H	I
1	NET ZERO, ENVIRONMENT AND TRANSPORT COMMITTEE BUSINESS PLANNER The Business Planner details the reports which have been instructed as well as reports which the Functions expect to be submitting for the calendar year.								
2	Report Title	Minute Reference/Committee Decision or Purpose of Report	Update	Report Author	Chief Officer	Director	Terms of Reference	Delayed or Recommended for removal or transfer, enter either D, R, or T	Explanation if delayed, removed or transferred
3	17 November 2022								
4	Climate Change Report 2021-22	To approve and sign the annual ACC Climate Change Report 2021-22, before submission of the report to the Scottish Government to meet statutory requirements.		Jenny Jindra	Strategic Place Planning	Commissioning	2		
5	Windmill Brae	ODC 19/04/18 - to request that a report be brought back to Committee on an update in regards to Windmill Brae. On 5 March 2020 it was agreed to wait for the prioritised delivery programme of transport interventions from the Chief Officer Strategic Place Planning and Chief Officer Capital before determining its position on the proposed overnight prohibition of motor vehicles on Justice Mill Lane/Langstane Place/Windmill Brae etc as outlined in the report.		Joanna Murray	Strategic Place Planning/ Capital	Commissioning	7	R	As any works in this area would need to be considered in the context of the City Centre Masterplan, it is therefore recommended that any proposed interventions in this area be reported as part of the overall masterplan and that this separate report be removed from the business planner
6	Net Zero, Environment & Transport Performance Report	To present the performance report		Louise Fox	Data and Insights	Customer	7		
7	Various Small Scale Traffic Management Stage 2	To present the results of the initial statutory consultation process undertaken.	Will only be presented if representations are received during the statutory consultation process	Doug Ritchie	Operations and Protective Services	Resources	8	R	There is nothing to present this cycle and therefore this is recommended for removal
8	Notice of Motion by Councillor Greig - Queens Lane South	ODC 09/06/22 - to request that a letter drop off be undertaken to residents in the local area in relation to the Aberdeen City Council (Queens Lane South, Aberdeen) (Prohibition of Waiting) Order 2021 and to report back to this Committee in two cycles (1 November 2022) with a report on the results of any representations received and actions to be taken.	Transferred from ODC and was due to report on 1 November 2022.	Vycki Ritson	Operations and Protective Services	Resources	8	D	Due to a delay in the consultation commencing, this will now be reported to the January meeting
9	10 January 2023								
10	Bus Partnership Fund Grants	CG&R 03/02/22 - to instruct the Chief Officer - Strategic Place Planning, given the long term nature of the project, to bring back update reports on a quarterly basis.		Nicky Laird	Strategic Place Planning	Commissioning	8		
11	Various Small Scale Traffic Management Stage 2	To present the results of the initial statutory consultation process undertaken. (Will only be presented if representations are received during the statutory consultation process)		Doug Ritchie	Operations and Protective Services	Resources	8		

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2	Signage Policy	ODC 31/08/22 - In relation to the Notice of Motion (regarding a suggested sign for Culter Men's Shed) to instruct the Chief Officer – Operations and Protective Services to report to a future meeting of the appropriate committee, seeking: approval of a Council policy concerning signage of this nature, such policy to include criteria for determining requests for such signage and provision as to the costs associated with such signage. Report to come in two committee cycles.		Mark Reilly	Operations and Protective Services	Resources	7	D	The Road Signing Policy is due to be presented to the Council's Policy Group on 20 December and to the Risk Board at its first meeting in the new year in line with the usual procedure for policies ahead of being presented to committee for approval. Therefore it will not be possible to meet the timescales required for a report in January, however the intention is to present it to the March meeting along with the decision on the Men's Shed signs, as it relates to the Policy
16									
17	Building Performance Criteria - Energy Efficiency	Council 28/2/22 - to instruct the Chief Officer - Corporate Landlord within the context of available funding, to update the Council's Building Performance criteria to ensure that it is compliant with Scottish Government's voluntary Net Zero Public Buildings Standards for all new build or significant refurbishment projects and to seek funding opportunities to upgrade existing building stock, including all required feasibility assessments to allow the building assets to meet Energy Efficiency Standard for Social Housing (EESH2), or to reduce carbon usage within the portfolio and create pathways to Net Zero, and report back to the City Growth and Resources Committee on progress before March 2023;		Stephen Booth	Corporate Landlord	Resources	1		
18	7 March 2023								
19	Various Small Scale Traffic Management Stage 2	To present the results of the initial statutory consultation process undertaken. (Will only be presented if representations are received during the statutory consultation process)		Doug Ritchie	Operations and Protective Services	Resources	8		
20	A93 Banchory to Aberdeen Multi Modal Study	To advise Members of the outcomes of the study and to seek approval to further progress works to develop an outline business case		Will Hekelaar	Strategic Placing Planning	Commissioning	7,8		
21	Net Zero, Environment & Transport Performance Report	To present the performance report		Louise Fox	Data and Insights	Customer	7		

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2									
22	Cluster Risk Register Reporting - Fleet / Roads Waste / Environmental Services and Facilities Management	To present Cluster Risk Register and Assurance Maps in accordance with committee terms of reference.		Mark Reilly	Operations and Protective Services	Resources	9		
23	A92 (Bridge of Don to Bridge of Dee) Multi-Modal Transport Corridor Study	CG&R 21/09/22 - to instruct the Chief Officer – Strategic Place Planning to report back to the Net Zero, Environment and Transport Committee with the Detailed Appraisal and OBC and next steps by March 2023		David Dunne	Strategic Place Planning	Commissioning	8		
24	9 May 2023								
25	Various Small Scale Traffic Management Stage 2	To present the results of the initial statutory consultation process undertaken. (Will only be presented if representations are received during the statutory consultation process)		Doug Ritchie	Operations and Protective Services	Resources	8		
26	A92 Haudagain Improvement – Detrunking Settlement	To present Operational Delivery Committee with the details of the final settlement for the remaining sections of Trunk Road on Anderson Drive / Great Northern Road and Auchmill Road. Contractor working on the Haudagain Improvement for Transport Scotland failed to complete the scheme before 31/3/2022. Although the scheme opened 16/5/22, this means that the earliest the old Trunk Road will be detrunked is 31/3/2023. Officers expect that this report will not come back to cttee until May 2023 at the earliest		Doug Ritchie	Operations and Protective Services	Resources	8		
27	Net Zero, Environment & Transport Performance Report	To present the performance report		Louise Fox	Data and Insights	Customer	7		
28	Traffic Management Measures for TECA site	To advise Operational Delivery Committee the functionality and success of the measures installed within and around the TECA site, this being based on a review from the events held to date. Service updates were issued in November 2020 and May 2021 to outline the delay. The instruction from committee was report back after 1 year of facility opening. Due to the COVID and slow return to those traveling by bus and other public transport, required surveys have not been able to be concluded. Work currently ongoing with staff at TECA to monitor parking and travelling behaviours during the 2022 summer/autumn events. These additional surveys will be required between now and Dec 22, during which some larger events will take place. Report unlikely to return to committee until May 2023. Temporary TRO's will be extended to maintain current restrictions, and additional restrictions will be introduced for any event that may require them in the interim.		Vycki Ritson	Operations and Protective Services	Resources	8		

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2	Roads and Transport Related Budget Programme 2023 - 2024 (ANNUAL REPORT)	This report is Business Critical to spend the allocated capital Budget approved at the Council Budget meeting and brings together the proposed roads and transportation programme from the approved Capital Budgets for 2023/2024. This is presented as a provisional programme and Members are asked to approve specific schemes where detailed and the budget headings for the remainder. In addition provisional programmes for 2024/25 and 2025/26 are also included where possible.		Paul Davies	Operations and Protective Services	Resources	7		
29									
30	20 June 2023								
31	Net Zero, Environment & Transport Performance Report	To present the performance report		Louise Fox	Data and Insights	Customer	7		
32	Various Small Scale Traffic Management Stage 2	To present the results of the initial statutory consultation process undertaken. (Will only be presented if representations are received during the statutory consultation process)		Doug Ritchie	Operations and Protective Services	Resources	8		
33	29 August 2023								
34	Road Winter Service Plan	To present the Road Winter Maintenance programme every September.		Paul Davies	Operations and Protective Services	Resources	8		
35	Annual Committee Effectiveness Report	To present the annual committee effectiveness report		David Dunne	Strategic Place Planning	Commissioning	GD 8.5		
36	Net Zero, Environment & Transport Performance Report	To present the performance report		Louise Fox	Data and Insights	Customer	7		
37	Various Small Scale Traffic Management Stage 2	To present the results of the initial statutory consultation process undertaken. (Will only be presented if representations are received during the statutory consultation process)		Doug Ritchie	Operations and Protective Services	Resources	8		

ABERDEEN CITY COUNCIL

COMMITTEE	Net Zero, Environment and Transport Committee
DATE	17 November 2022
EXEMPT	No
CONFIDENTIAL	No
REPORT TITLE	Climate Change Report 2021-22
REPORT NUMBER	COM/22/253
DIRECTOR	Gale Beattie
CHIEF OFFICER	David Dunne
REPORT AUTHOR	Jenny Jindra
TERMS OF REFERENCE	2

1. PURPOSE OF REPORT

- 1.1 The purpose of this report is to seek approval of the statutory Climate Change Report (CCR) covering the period 2021/2022. The report is required to be submitted to the Scottish Government, to ensure compliance with the requirements of Part 4 of the Climate Change (Scotland) Act 2009.

2. RECOMMENDATIONS

That the Committee:

- 2.1 approve the Climate Change Report 2021/22, as detailed in Appendix 1 and, instruct the Chief Officer - Strategic Place Planning to submit the report prior to the deadline of 30 November 2022; and
- 2.2 instruct the Chief Officer - Strategic Place Planning to publish the Climate Change Report on the Council's website.

3. CURRENT SITUATION

About The Climate Change Report

- 3.1 The Council along with other public sector organisations, have a statutory duty to report annually on progress against Public Bodies Duties under the Climate Change (Scotland) Act 2009. These duties are to act:
- In the best way calculated to contribute to the Act's emission reduction targets, these are Net Zero emissions by 2045;
 - In the best way calculated to deliver any statutory adaptation programme; and
 - In a way that it considers is most sustainable.
- 3.2 Reports must be produced on a set excel template and follow a standardised reporting methodology to allow for consistency and accuracy in data collection.

- 3.3 The CCR consists of two sections, “Required” and “Recommended” reporting.
- Required reporting (*Appendix 1*) requires evidence of:
 - Profile of the Reporting Body
 - Governance Management and Strategy relating to climate change.
 - Emissions, targets and projects: information on the Council’s “corporate” emissions, including those from internal waste, fleet, business travel, street lighting, energy and water from council buildings and projects focusing upon efforts to reduce emissions at a corporate level
 - Adaptation: assessment and management of climate related risks
 - Procurement; policies and activities relevant to climate change duties.
 - Validation and Declaration
 - The “Recommended” section (*Appendix 2*) reflects the scope of influence the Council has in supporting city wide climate change mitigation and adaptation. It includes:
 - Area-wide and per capita emissions
 - Targets
 - Strategies, plans or policies outlining ambition to influence emissions beyond your corporate boundaries
 - Policies and Actions to Reduce Emissions
 - Partnership Working, Communications and Capacity Building
- 3.4 The CCR must be made publicly available and provide information in a transparent and accountable manner, in line with the relevant guidance.
- 3.5 Reports cannot be submitted unless sign-off is evident in section 6 of the Required Report, for the relevant reporting period.

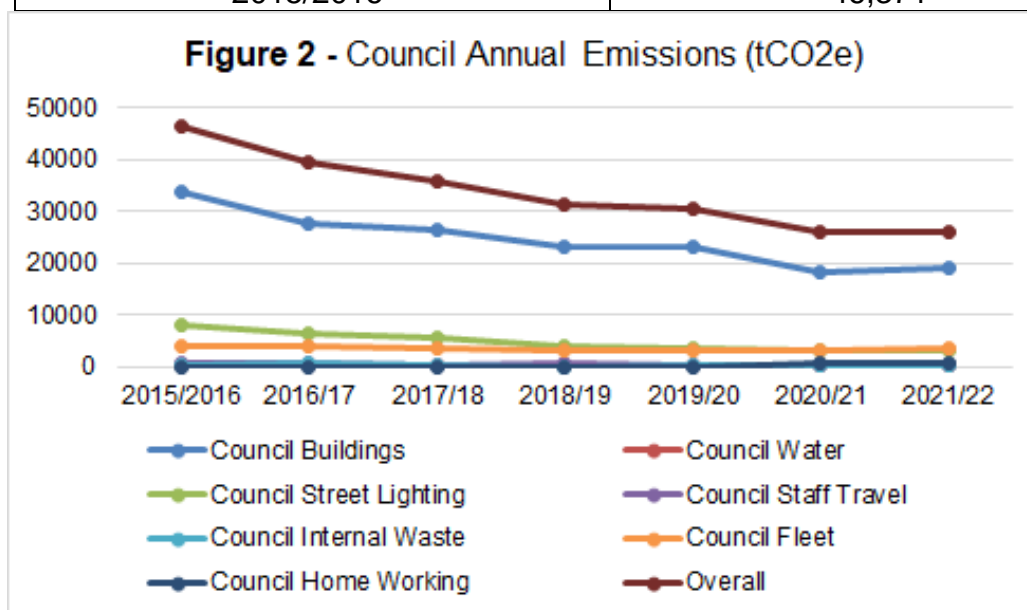
Council emissions

- 3.6 The Council’s emissions data is collated for the Required Reporting section of the CCR.
- 3.7 New annual compliance reports for 21/22 include the following requirements:
- A target date for achieving zero direct emissions.
 - Targets for reducing indirect emissions.
 - Information on how the body will align spending plans and resources to deliver emissions targets.
 - How the Council will publish or make available its progress to achieving its emissions reduction targets.
 - The contribution to help deliver Scotland’s Climate Change Adaptation Programme.
- 3.8 Overall annual emissions data is set out in Figure 1, with a breakdown of emissions in Figure 2. Due to Covid19 restrictions, including building closures 20/21 emissions data is not considered a representative year. In comparison with the previous reporting period 20/21, emissions have increased by 230 tCO₂e (1%). A 43.6% reduction against the 2015/16 baseline. Emissions are still on track to achieve the interim target of a 48% reduction by 2025.

- 3.9 It should be noted that in the 21/22 reporting period electricity, gas, oil and water consumption from buildings was higher than 20/21 due to the increased use of buildings as the pandemic began to ease. Similarly, there was also an increase in emissions from staff travel, air, rail, car hire and grey fleet. Figure 2 reflects data from the 20/21 report period.
- 3.10 Emissions are calculated based on consumption data e.g., km travelled and converted using emission factors released annually by the Department for Business, Energy and Industrial Strategy. Emissions are categorised into groups of scope 1, 2 & 3 emissions. Scope 1 are direct emissions from sources owned or controlled by the Council, Scope 2 are indirect emissions from purchased electricity and Scope 3 other indirect emissions.
- 3.11 There are external factors which can influence emissions year to year such as changes in annual emissions factors; colder winter weather and changes in estate.
- 3.12 For the second year, guidance on reporting has requested data on emissions from staff working from home. The data included is based on the estimated figure of 24% of FTE Council staff working from home during this period which added 493.6 tCO₂e to the annual emissions data.

Figure 1: Overall Carbon Emissions

Reporting Period	Overall emissions (tCO ₂ e)
2021/2022	26,159
2020/2021	25,929
2019/2020	30,563
2018/2019	31,090
2017/2018	35,892
2016/2017	39,225
2015/2016	46,371



Council Climate Change Plan

3.13 Council approved the Council Climate Change Plan in March 2021. This set a net zero emission reduction target; as well as emission reduction and climate resilience measures for Council assets and operations, with the Council “baseline” year for reporting as 2015/16.

3.14 A summary of progress from the first year of implementation of the Council Climate Change Plan (1 April 2021 to 31 March 2022) is included in Appendix 3. This sets out activity under key themes of buildings; mobility; other operations; leadership and governance; and awareness and behaviour change.

4. FINANCIAL IMPLICATIONS

4.1 There are no financial implications arising from the recommendations of this report. The report simply illustrates a point in time as to how the Council is performing.

5. LEGAL IMPLICATIONS

5.1 Failing to report would put the Council in breach of a legal duty under part four of the Climate Change (Scotland) Act 2009

6. ENVIRONMENTAL IMPLICATIONS

6.1 There are no direct environmental implications arising from the recommendations of this report.

7. RISK

Category	Risks	Primary Controls/Control Actions to achieve Target Risk Level	*Target Risk Level (L, M or H) <small>*taking into account controls/control actions</small>	*Does Target Risk Level Match Appetite Set?
Strategic Risk	Climate risks and opportunities not being recorded and regularly monitored.	Climate risks are reported through the risk registers and updated monthly. Includes risk on compliance with climate duties. Project Register and Dashboard established	L	Yes

		to monitor progress on Council Climate actions.		
Compliance	Non-compliance of the Public Bodies Duties under the Climate Change (Scotland) Act 2009	Climate Change Report is completed, published and submitted within the mandatory timeframe.	L	Yes
Operational	Risk that reporting does not meet the required format. Risk that systems to collate data are inefficient. Risk that incorrect emission factors are used.	Reporting guidance is followed. Information and data is entered on the standard reporting templates. Set scope of data is collated annually for consistency. Up to date emission factors are used. Improvements to data collation are taking place.	L	Yes
Financial	There is no financial implication as a result of this report.	The annual CCR is achieved through existing budgets.	L	Yes
Reputational	Climate Change (Emissions Reduction Targets) (Scotland) Act 2019 set targets for emission reduction in Scotland of net zero by 2045 and requirements on Public Sector bodies on setting Net Zero targets.	Governance established for the Council Climate Change Plan – covering actions required to meet climate duties.	M	Yes
Environment / Climate	Failure to meet emission reduction target year.	Continue the monitoring and reporting of corporate emissions.	M	Yes

8. OUTCOMES

<u>COUNCIL DELIVERY PLAN</u>	
Impact of Report	
Aberdeen City Council Policy Statement	The report contributes to providing CO2 emission statements and supports the reduction of the carbon footprint of the council's building estate and vehicle fleet.
<u>Aberdeen City Local Outcome Improvement Plan</u>	
Prosperous Economy Stretch Outcomes	This report does not contribute to Prosperous Economy Stretch Outcomes
Prosperous People Stretch Outcomes	The proposals in this report support the delivery of stretch outcome 11 - Healthy life expectancy (time lived in good health) is five years longer by 2026. Actions to reduce carbon emissions; protect and improve the environment can have a positive impact on health and wellbeing.
Prosperous Place Stretch Outcomes	The proposals in this report support the delivery of stretch outcome 13. Addressing climate change by reducing Aberdeen's carbon emissions by at least 61% by 2026 and adapting to the impacts of our changing climate. 14. Increase sustainable travel: 38% of people walking and 5% of people cycling as main mode of travel by 2026 15. Addressing the nature crisis by protecting/managing 26% of Aberdeen's area for nature by 2026.
Regional and City Strategies	The CCR highlights the climate targets and objectives in a range of regional and city strategies including: Regional and Local Transport Strategies, Strategic and Local Development Plans, Local Outcome Improvement Plan, Aberdeen Adapts, Local Housing Strategy and Net Zero Routemap for the City.

9. IMPACT ASSESSMENTS

Assessment	Outcome
Integrated Impact Assessment	Full impact assessment not required
Data Protection Impact Assessment	Not required
Other	N/A

10. BACKGROUND PAPERS

- 10.1 COM21252 - Climate Change Report 2020/21
- 10.2 COM21047 - Council Climate Change Plan 2021-2025
- 10.3 [Climate Change Reporting Guidance 2021/2022](#)
- 10.4 [Greenhouse Gas Reporting: Conversion factors 2022](#)

11. APPENDICES

- Appendix 1 – Climate Change Report 21/22: Required Reporting
- Appendix 2 – Climate Change Report 21/22: Recommended Reporting
- Appendix 3 – Summary of Climate Change Report 21/22 and 1st Year Progress of the Council Climate Change Plan 21-25

12. REPORT AUTHOR CONTACT DETAILS

Name	Jenny Jindra
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Aberdeen City Council Climate Change Report 2021/22

Public Bodies are required to complete an annual climate change report. Information is submitted on a set template. This report sets out the Council's climate change return for the period April 2021-March 2022.

SECTION 1 – PROFILE OF REPORTING BODY

1a. Name of Reporting Body: Aberdeen City Council

1b. Type of body: Local Government

1c. Highest number of full-time equivalent staff in the body during the report year: 6855.57 (31st March 2022)

1d. Metrics used by the body: *Drop down options are not relevant, so nothing noted.*

1e. Overall budget of the body (£): 478,350,000 These are net figures.

1f. Specify the report year type: Financial (1st of April 2021 to 31st of March 2022)

1g. Provide a summary of the body's nature and functions that are relevant to climate change reporting.

Aberdeen City Council has a strong role to play as follows:

- Leading and acting as an example to others through its services, planning and decision making.
- Reducing emissions from its own estate and services and building resilience through the Council Climate Change Plan 2021-25.
- Managing wider city risks and building resilience through the Aberdeen Adapts: Climate Adaptation Framework.
- Promoting city wide emission reduction through The Net Zero Aberdeen Routemap and associated six strategies, the [Net Zero Vision for Aberdeen](#) and the Strategic Infrastructure Plan (Energy Transition)
- Helping to shape and inform legislation through consultation responses.
- Alleviating fuel poverty through ACC owned properties and working with the private/third sectors to improve standards in those areas.
- Ensuring compliance with building standards and influencing the planning process to take into consideration climate change mitigation and adaptation measures.
- Through the school systems and lifelong learning educate the citizen about the implications of climate change and principles of sustainability.
- Deliver projects that help mitigate/adapt to a changing climate, flood risk management and water efficiency and fulfil multiple plans, policies, and strategies, e.g. wetland development, sustainable urban drainage, expansion of the EV (Electric Vehicle) network, energy efficiency retrofitting, renewables etc.
- Mapping and developing of blue/green infrastructure.
- Procuring sustainably.
- Partnership working.

SECTION 2 – GOVERNANCE, MANAGEMENT AND STRATEGY

2a - How is climate change governed in the body?

The Council structure comprises of:

- Resources
- Customer
- Operations
- Commissioning
- Within each Function are Clusters, all Functions have a part to play in considering climate change through their decision making and operations in line with corporate policy and risk management. Plans, policies and strategies and their progress during this reporting period were reported to the Committee structure, predominantly Council, City Growth and Resources and Operational Delivery and signed off by a Senior Manager of the Council, as required. A relevant committee also receives the statutory Climate Change Report.

Council

Oversight, monitoring and reporting mechanisms for the [Council Climate Change Plan \(CCCP\) 2021-2025](#) have been established. An Oversight Group led by the Chief Operating Officer has a remit for implementation and delivery of the plan and the project programme, taking a project assurance role to review performance and progress and keep the plan on track. The Oversight Group includes Senior Officers from, Finance, Communications, Corporate Landlord, and from the Net Zero (City) Delivery Unit. In addition, it includes the theme leads for the 5 thematic sub-groups delivering actions under the plan and creating a broad network of relevant officers working on mitigation and adaptation. It includes work streams incorporating Commodities and Education.



City

Governance, encompassing a range of public, private and community organisations was established for the development of the Net Zero Aberdeen Routemap and 6 net zero enabling strategies which were approved in February 2022.

The Routemap direction was driven by a Net Zero Leadership Board, chaired by the Council with membership of various external organisations.

The Delivery Unit co-created the 6 enabling strategies. These cover the priority themes, and a different organisation led the development of each one.

Following approval of place-based climate plans and to support implementation, a review of city governance for mitigation and adaptation is taking place. This is to meet the committee decision, 28 February 2022: Instructs the Chief Officers - Governance and Strategic Place Planning to work with the members of Aberdeen's Net Zero Leadership Board, Delivery Unit, the Local Resilience Partnership and other groups as appropriate to develop city climate change governance structure/s appropriate for meeting the aims of the Route-Map and Aberdeen Adapts Framework, and report back to a future Council meeting, no later than the next annual update on the Routemap and Adaptation Framework.

City – Community Planning Partners

The Aberdeen Community Planning Partners have oversight and delivery of the Aberdeen Local Outcome Improvement Plan. The Sustainable City Group sits under the governance for the plan and leads and is responsible for actions and for ensuring progress against the primary and secondary drivers and improvement aims set for the Place outcomes in the LOIP. These include the stretch outcomes for climate change:

- 13. Addressing climate change by reducing Aberdeen's carbon emissions by at least 61% by 2026 and adapting to the impacts of our changing climate
- 14. Increase sustainable travel: 38% of people walking and 5% of people cycling as main mode of travel by 2026
- 15. Addressing the nature crisis by protecting/ managing 26% of Aberdeen's area for nature by 2026

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

Corporate Management Team Boards

Several of the Council's Corporate Management Team Boards have oversight of various aspects of the Council's climate change activity.

- **Performance Board** – Following approval of the CCCP in March 2021, progress reports for the CCCP are monitored by a dashboard and shared with the Council’s Performance Board.
- **Risk Board** – during this reporting period the risks register included:
 - ‘Compliance’ – the risk of not complying with statutory duties as a Council to reduce emissions, contribute to national targets, adapt to climate change in contribution to the national adaptation programme, and report annually on this work.
 - ‘Place’ – the risk of not contributing to a reduction in city-wide emissions and address strategic climate risks for the city where the Council has scope to influence. Including: heavy or reduced rainfall, flooding, higher temperatures and sea levels.

A deep dive on Corporate risks including those for climate, takes place every 6 months.

- **Strategy Board** - as part of its remit it facilitates the delivery of the Council’s strategic priorities, including those relevant to Net Zero and Adaptation. In addition, the board looks at internal and external factors which affect the Council’s current and future this includes climate and environment and the impact this could have on the Council and Aberdeen City.

Internal Audit

A Council internal audit on climate change was completed in this period and the findings reported to Audit, Risk and Scrutiny Committee in June 2021. The audit was to provide assurance the Council is taking appropriate measures to comply with statutory requirements on climate change.

Embedding climate change

Some examples of how sustainability has been incorporated into Council processes, procedures and decision making are illustrated below:

- Many corporate plans, policies and strategies undergo Strategic Environmental Assessment (SEA) to assess their environmental impact which includes addressing climate change.
- Climate change considerations are featured within corporate climate risk register, service plans, business cases and development management consultations.
- The Business Case process is linked to the Council Building Performance Policy for corporate assets sets standards for sustainable construction, digital connectivity and future proofing for district heating connectivity.
- Environmental implications are now incorporated into the committee reporting template and the accompanying Report Authors guidance document has been strengthened. This was approved in the reporting period to be implemented in April 2022. Authors are now required to identify and state any positive or negative impacts on the environment arising from the report. For example, outline impacts on carbon emissions, waste, water, natural environment, air quality and adaptation, which could affect the Council’s net zero targets and biodiversity commitments.
- Environmental implications are included in the Council Policy template and guidance.
- Environmental considerations are incorporated within planning consultation responses, with regular cross service meetings with Development Management and are embedded into development policy.
- Carbon Literacy Training was introduced to Elected Members and Senior Managers and covered mitigation and adaptation. The programme of training is set to continue in the next reporting period.
- Emissions management (Council) and wider sustainability work across the council is reported annually through the Statutory Performance Indicators (SPI).

Other

In addition, a range of Council teams have responsibility for strategy, activities and monitoring on climate change or sector specific areas:

- The Climate and Environment Policy Service, has specific remit for climate reporting; gives advice on mitigation and adaptation; and encourages embedding of these measures into both corporate and city-wide plans, policies and strategies, supporting and co-ordinating the development of these plans and ensuring direct links to the LOIP strategic outcomes.
- Corporate Landlord, oversee building conditions and undertake surveys, working closely with the Energy Management Team and Building Services/Maintenance to bring buildings up to standard and perform better in relation to energy efficiency. They also are obliged to comply with the corporate Buildings Performance Policy. This work is done on an ongoing basis. The Energy Management Team is responsible for overseeing collation of energy consumption data.

- Internal waste is managed by many with responsibilities spread among various functions as set out in the Internal Waste Minimisation policy. The Waste and Recycling Team, are responsible for the collection of waste and recycling containers from most corporate buildings, as part of trade waste collections. Facilities are responsible for the implementation and provision of the waste and recycling services from main office buildings. The IT Helpdesk and Transformation Team, are responsible for the collection/liaison with external companies for the reuse and recycling of Waste Electronic and Electric Equipment (WEEE). A range of additional waste data is provided by relevant contractors.
- The Local Development Plan Team is responsible for providing the strategic direction for city development, including incorporation of sustainability principles into strategic plans and supplementary guidance. The Aberdeen Local Development Plan ([LDP](#)) is reviewed on a cycle and is reported to the Full Council.
- The Flooding and Coastal Management Team have responsibilities in assessing flood risk and flood risk management schemes. The teamwork in partnership to develop cycles of the North East Flood Risk Management Plan, to meet the Flood Risk Management (Scotland) Act 2009.
- The Transport Strategy and Programmes Team develop the Local Transport Strategy and a wide range of sustainable and active travel measures.

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

Document	Wording of objective(s)
Council Delivery Plan	<p>The Council's Commissioning Intentions are aligned to the stretch outcomes of the Local Outcome Improvement Plan and the Council's strategy framework. Changes to the intentions for 2021/22 reflect a strengthened alignment of the intentions to support the Council's priorities of Energy Transition and Net Zero carbon emissions.</p> <p>Through the 2021/22 planning process, each of the proposed intentions were reviewed to ensure that every opportunity was identified for the commissioned services to support these Energy Transition and Net Zero priorities.</p> <p>A number of additions and revisions have been made on that basis. Overall, this assessment shows that 52 intentions are identified as having a positive benefit (directly or indirectly); 38 have a neutral impact; and no intentions identified as having a negative impact.</p>
Local Outcome Improvement Plan (LOIP) 2016-2026	<p>One of the 15 stretch outcomes for the plan is addressing climate change by reducing carbon emissions and adapting to the impacts of our changing climate.</p> <p>A refresh of the LOIP was approved in July 2021 and includes an update on emission targets.</p>

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

**City
Energy Transition/ Net Zero**

- [A Net Zero Vision and Prospectus for Aberdeen](#) was approved at Urgent Business Committee in May 2020. Includes strategic objectives on leading the global transition; accelerating transition demand; resilient, productive and dynamic place; climate positive exemplar; putting people first.
- [Strategic Infrastructure Plan \(Energy Transition\)](#): was approved at Urgent Business Committee in May 2020. It includes Strategic Infrastructure Goals: clean energy supply for the city, UK and, particularly, globally; Aberdeen's infrastructure is adaptable to changes in climate; sustainable mobility; building energy efficiency; sustainable waste management. It also includes priority area of Net Carbon Zero - Public Sector.

In February 2022 Council Committee approved [The Net Zero Aberdeen Routemap](#) to set out a pathway towards Aberdeen becoming net zero by 2045. It is a collaborative piece driven by the Net Zero Leadership Board, 6 high level net zero enabling strategies were approved at the same time covering:

- Mobility
- Buildings & Heat
- Circular Economy

- Energy Supply
- Natural Environment
- Empowerment

Adaptation

- [Aberdeen Adapts: Climate Adaptation Framework](#) was refreshed and approved in February 2022 and covers city-wide working on adaptation. Incorporating the views of local organisations and communities, it sets the direction to build long term city resilience.

Council

- The [Council Energy and Climate Routemap](#) was approved at Urgent Business Committee in May 2020. The Routemap outlined work towards producing a new climate change plan (highlighted below) with a refreshed focus on the Council’s climate change intentions for Council operations and infrastructure.
- The [Climate Change Plan 2021-2025: Towards a Net Zero and Climate Resilient Council](#) was approved at Council in March 2021. The purpose of this plan is to set out the Council’s approach, pathway and actions towards net zero and climate resilient Council assets and operations, by 2045. The plan sets emissions targets for Council assets and operations, outlines actions to reduce carbon emissions and to increase resilience to climate change. It covers 5 main themes:
 - **Buildings** - reducing energy demand, transitioning to renewable energy and low carbon technology, increasing resilience of Council buildings and improving standards.
 - **Mobility** – transition to zero emission fleet, with an expanded EV charging and hydrogen refuelling infrastructure. Reducing emissions from staff travel. Considerations of climate adaptation for transport infrastructure.
 - **Other Operations** - upgraded streetlighting, increase in nature-based solutions, a reduction in waste generated from Council buildings and operations, a reduced carbon footprint from our catering.
 - **Leadership and Governance** – improved data and climate risk management, incorporating climate change into Council practices and decision-making processes, strategic resource allocation.
 - **Awareness and Behaviour Change** - staff are aware of the Council’s climate action and commitments, increasing staff understanding on climate change; and where necessary, upskilling to support actions.

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

Topic area	Name of document	Time period covered	Comments
Business travel	Staff Travel Policy	Ongoing	Includes considerations of the Environmental Impact of travel. Asks staff to consider first if their trip is necessary, encourages travellers to use modes of transport that result in the least environmental impact and outlines that the Council keeps records of estimated environmental impact of travel and has a clear intent to reduce it.
Staff travel	Council Travel Plan (only available via the intranet)		High-level objectives: To increase the choice of transport modes available to employees, Councillors and visitors to Council buildings. To seek to reduce the negative impact of travel choices locally and more widely, whilst maintaining efficient service provision.
Energy Efficiency	Local Housing Strategy (page 5)	2018-2023	Outlines housing strategy approach and includes the strategic outcome: Fuel poverty is reduced which contributes to meeting climate change targets.
Energy efficiency	Property Asset Management Framework		Includes the objective: Assets will be environmentally and economically sustainable. With indicators for reduction of carbon emissions; reduction in energy consumption per year; total cost of core property costs; number of oil based heating systems – target of zero; maintain water consumption at 2010/11 levels; number of operational buildings connected to district heating

Energy efficiency	Property Asset Management Policy		Key principles include: reducing carbon emissions from our properties.
Other	Condition and Suitability Programme	21/22-23/24	3-year programme for the condition and suitability works on the Council's non-housing property portfolio. Around 35% of the proposed C&S programme is made up of projects that will contribute positively to improving the environmental performance of the Council's assets.
Fleet transport	Fleet Replacement Programme	Phase 1 - for 2021/22	The programme has been updated to reflect the Council's Net Zero ambition to work towards decarbonising its in-house fleet and introducing new vehicles with reduced emissions.
Information and Communication Technology	ICT (Information and Communication Technology) Asset Management Plan (only available via the intranet)	2013	ICT Assets should be environmentally sustainable. This means considering local and global environmental factors, monitoring and reducing energy consumption and CO2 emissions through the whole ICT life cycle from manufacture, packaging, utilisation and disposal. ICT Assets must be safe, secure and comply with current legal and regulatory requirements and known future requirements. This means ensuring regular audits for DSE requirements and PAT testing of all ICT Assets, regular preventative maintenance and testing of critical ICT assets such as UPS and Air Conditioning within Data Centre and communications room facilities, compliance with WEEE regulations for electrical disposals, compliance with software licensing terms and conditions, compliance with Data Protection Act (DPA) and Disability Discriminations Act (DDA) when designing new ICT systems.
Waste Management	Internal Waste Minimisation Policy (only available via the intranet)		Discusses internal waste in relation to the waste hierarchy.
Waste Management	Aberdeen City Waste Strategy (Page 7-8)	2014-2025	Target 1: Waste growth will be eliminated by 2015. Target 2: We will work towards the targets set in the Scottish Government's Zero Waste Plan 2010. Target 3: Introduce an organic waste collection for all households by 2016. Target 4: Develop facilities within the Aberdeen area to recover our resources. Target 5: No more than 5% of household waste should be landfilled by 2025.
Water and sewerage	<i>Not applicable</i>		
Land Use	Aberdeen Local Development Plan (LDP)	Adopted January 2017	Includes policy on low and zero carbon buildings and on renewable and low carbon energy development. A wider range of policy information on the current and proposed LDP is included in the adaptation section. The Proposed Aberdeen Local Development Plan (2020) and Delivery Programme was approved by Full Council March 2020
Land use	City Centre Masterplan (Executive summary, page 9)		Includes the objective - Technologically advanced and environmentally responsible. Providing the capacity, quality and reliability of infrastructure required by businesses and residents and utilising resources responsibly.
Land use	Aberdeen City and Shire Strategic Development Plan	2020-2040	Includes the aim - take on the urgent challenges of climate change.
Land Use	Open Space Strategy	2011-2016	Covers open space across the city, assists with climate adaptation. Recognise the economic, environmental, and social value of open spaces. Maximise opportunities to mitigate and adapt to climate change and further biodiversity. Ongoing open space audit which will feed into the review of the Open Space Strategy.

Other – nature conservation	Nature Conservation Strategy (page 4 and 15)		Biodiversity, which touches upon aspects of climate change. Within the objectives of the strategy and sections on sustainable development and climate change. There are many aspects to consider for truly sustainable development and climate change is one of them. A shift in species populations, ranges, migration patterns and reproductive behaviour are already evident both on land and at sea because of climate change.
Other – sustainable construction	Building Performance Policy	Renewed January 2018	The Buildings Performance Policy and accompanying guidance and checklist covers sustainable construction activity at a corporate level. It is an internal policy that sets building standards for refurbishments and new build projects. The policy states clearly an intention to deliver against energy performance, digital connectivity, future proofing for district heating and attaining certain BREEAM standards.
Other - various	Local Outcome Improvement Plan	2016-2026	Stretch outcomes for the plan (20/21) include: Addressing climate change by reducing carbon emissions and adapting to the impacts of our changing climate. 38% of people walking and 5% of people cycling as main mode of travel by 2026. A refresh of the plan emission reduction target and strengthened the target by adding the Stretch Outcome: Addressing climate change by reducing Aberdeen's carbon emissions by at least 61% by 2026 and adapting to the impacts of our changing climate
Other – economy	Regional Economic Strategy (page 25)	Approved 2015	Includes the objective: to maximise the potential of hydrogen, energy from waste and other renewables technologies to develop a medium-long terms demand for the transferable skills in the oil and gas sector.
Other - hydrogen	Aberdeen City Region Hydrogen Strategy and Action Plan 2015-2025 (Part 2, page 16)	2015-2025	The aim of this strategy is to maintain and build on Aberdeen's expertise in hydrogen in order to achieve the long-term goals associated with hydrogen rollout and being the leading hub in Scotland. The strategy and action plan outlines how these aims can be achieved in the short, medium and long term. The action plan identifies a series of measures required to achieve this, across seven key objectives: vehicle deployments, renewable hydrogen, refuelling infrastructure, non-transport applications, supply chain/market development, communication and education, and policy & regulation.
Other	Socio-Economic Rescue Plan	2020/21	Approved at Urgent Business Committee in June 2020. The plan includes outcomes for green and active travel
Other - transport	Local Transport Strategy (Page 5)	2016-2021	Increased modal share for public transport and active travel. Reduced the need to travel. Reduced dependence on the private car. Improved journey time reliability for all modes. Improved road safety. Improved air quality and the environment; improved accessibility to transport.
Other – transport	Sustainable Urban Mobility Plan (Page 1)		Sets out long term approach for active and low carbon travel in the city centre. Varying transport options. Reduces air and noise pollution, greenhouse gas emissions and energy consumption; improves the efficiency and cost-effectiveness of the transportation of people and goods.
Other – transport	Aberdeen Active Travel Action Plan	2021-2026	Aims to encourage and facilitate active travel.
Other – transport	Aberdeen Electric Vehicle Framework	2018-2032	Inform the future plans and supporting infrastructure for EVs in Aberdeen over the next 5-10 years
Other – air quality	Air Quality Action Plan (Page 2)	2011	Actions to improve air quality in Aberdeen. 2020 Air Quality Progress Report .

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

In no specific order, the top 5 climate change priorities for the year ahead are:

1. Build on the City-Wide effort to collaborate on the Net Zero Aberdeen Routemap and 6 strategies, approved in February 2022.
2. Continued delivery of over 100 projects in the Project Register for the Council Climate Change Plan, in support of the Council's net zero targets.
3. Develop robust internal systems for data collection and monitoring of emissions.
4. Work towards an approach to The Scottish Government's The Local Heat and Energy Efficiency Strategy (LHEES) to reduce energy demand and decarbonise the heat supply of buildings.
5. Review and publish the Local Transport Strategy, a guide the planning and improvement of the local transport network over the next five years.

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

N/A

2h - Supporting information and best practice.

- Progress included the development and approval of the Net Zero Aberdeen Routemap and six priority themes and enabling six strategies.
- The refresh of [Aberdeen Adapts: Climate Adaptation Framework](#): was approved in February 2022 and covers city-wide working on adaptation. Incorporating the views of local organisations and communities, it sets the direction to build long term city resilience.
- The Council is in the first year of implementation since approval of the Council Climate Change Plan approved in March 2021. Ongoing progress is taking place to work on a Project Register of over 100 projects being taken forward under 5 thematic sub-groups. An Oversight Group drives the tracking of this activity. Further projects to embed climate change in Council systems and processes are being progressed through the Plan.
- Various awareness raising events and presentations relating to climate were provided to senior management and staff including:
 - A webinar presentation regarding Net Zero Aberdeen was held during Climate Week North-East (CWNE) relating to Climate.
 - The priority scoring project assessment matrix for the Condition & Suitability Programme was modified to score on Emissions Reduction and Climate Resilience/Adaptation, ensuring projects which contribute significantly will likely be included in the Programme.
 - A "Green Workplace" area of the staff intranet was established at the start of 2021, has grown to provide information, education, practical tips and ideas and opportunities for staff to get involved in the climate change and wider sustainability agenda.
 - A programme of Green Champions is now established to help disseminate information across Council Clusters. The number of Green Champions has risen from 30 to 63.

SECTION 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.

Reference year	Year	Scope 1	Scope 2	Scope 3	Total	Units	Comments
Baseline carbon Footprint	15/16	22,020.00	21,664.00	2,687.00	46,371.00	tCO ₂ e	
Year 1 carbon footprint	16/17	17,704.90	18,347.31	3,173.58	39,255.00	tCO ₂ e	Changes in estate and provision and accuracy of data account for the significant changes in relation to the total footprint.
Year 2 Carbon Footprint	17/18	17,867.11	15,767.82	2,257.46	35,892.39	tCO ₂ e	Changes in emission factors and provision and accuracy of data account for changes in relation to the total footprint. Biomass from wood chips has been included as a scope 1 emission source because it is not 100% renewable.
Year 3 Carbon Footprint	18/19	17,015.18	12,176.07	1,899.20	31,090.45	tCO ₂ e	Changes in emission factors; and provision and accuracy of data account for changes in relation to the total footprint.
Year 4 Carbon Footprint	19/20	18,544.97	10,315.87	1,700.40	30,563.24	tCO ₂ e	Changes in emission factors; and provision and accuracy of data account for changes in relation to the total footprint.
Year 5 Carbon Footprint	20/21	15,762.4	8,382.9	1,782.8	25,929.3	tCO ₂ e	Consumption figures are significantly lower than 2019-20 due to the reduced use of assets and reduced business travel during the COVID-19 restrictions
Year 6 Carbon Footprint	21/22	15,910.80	6,037.2	4149.80	26,159.1	tCO ₂ e	Consumption figures are slightly higher than 2020-21 due to the increased use of assets and operations following the gradual lifting of COVID-19 restrictions.

3b – Breakdown of emission sources.

Emission Source	Scope	Consumption Data	Units	Emission Factors	Units	Emissions (tCO ₂ e)	Comments
Grid electricity (transmission and distribution losses)	3	27,287,017	Kwh	0.01879	kg CO ₂ e/kWh	512.7	Usage through corporate assets. Consumption higher than 2020-21 due to the lifting of COVID-19 restrictions. Includes Fleet electricity usage from charging points. Includes estimated 40% of electric vehicle charging points for co-wheels using Council supply.
Grid electricity (Generation)	2	27,287,017	Kwh	0.21233	kg CO ₂ e/kWh	5,793.9	Usage through corporate assets. Consumption higher than 2020-21 due to the lifting of COVID-19 restrictions.
Natural Gas	1	64,939,527	Kwh	0.18316	kg CO ₂ e/kWh	11,894.3	Usage through corporate assets. Consumption higher than 2020-21 due to the lifting of COVID-19 restrictions. This is lower than 2019-20 (pre covid) consumption. The winter was warmer than 20-21 and therefore gas consumption did not increase as much as electricity consumption.
Gas Oil	1	256,787	litres	2.75857	kg CO ₂ e/kWh	708.4	Usage through corporate assets. Consumption higher than 2020-21 due to the lifting of COVID-19 restrictions and change in emission factor.
Water Supply	3	202,307	m ³	0.11000	kg CO ₂ e/m ³	22.3	Usage through corporate assets. Consumption higher than 2020-21 due to the lifting of COVID-19 restrictions.
Water Treatment	3	192,191.65	m ³	0.23000	kg CO ₂ e/m ³	44.2	Usage through corporate assets. Figure is 95% of water supply.
Grid electricity (transmission and distribution losses)	3	12,946,381	Kwh	0.01879	kg CO ₂ e/kWh	243.3	From Street Lighting. Not all consumption captured due to update report approval by SSE not available at this time.
Grid electricity (Generation)	2	12,946,381	Kwh	0.21233	kg CO ₂ e/kWh	2748.9	From Street Lighting Not all consumption captured due to update report approval by SSE not available at this time.
Average car - unknown fuel	3	399,587	km	0.17148	kg CO ₂ e/km	68.5	From car hire
Average car - unknown fuel	3	474139.3	km	0.17148	kg CO ₂ e/km	81.3	Gray fleet – essential user
Average car - unknown fuel	3	402607.4	km	0.17148	kg CO ₂ e/km	69.0	Gray fleet – casual user

Rail (national rail)	3	96,914	passenger km	0.03549	kg CO ₂ e/passenger km	3.4	
Car – petrol (average)	3	9,019	km	0.17431	kg CO ₂ e/km	1.6	Co-Wheels car club information. All mileage information taken from Co-wheels telematics.
Car – hybrid (medium)	3	8,438	km		kg CO ₂ e/km	0.9	Co-Wheels car club information. All mileage information taken from Co-wheels telematics.
Car- diesel (average – unknown engine size)	3	141	km	0.16843	kg CO ₂ e/km	0	Co-Wheels car club information. All mileage information taken from Co-wheels telematics.
Car – Battery electric Vehicle (Medium) Km	2	15283.2	Km	0.04826	kg CO ₂ e/km	0.8	Co-Wheels car club information. Estimated 60% from supplier. 40% included in building electricity. Due to system limitations unable to report 24958.4 km (FCEV)
Long haul flight (economy class)	3	83,400	passenger km	0.14787	kg CO ₂ e/passenger km	12.3	
Short haul flight (economy class)	3	93,100	passenger km	0.15102	kg CO ₂ e/passenger km	14.1	Short haul & domestic combined
Paper and board (mixed recycling)	3	50.2	tonnes	21.29357	kg CO ₂ e/tonne	1.1	Data available from 21st August - 31st March available due to a change in contractor. Previous months extrapolated
Organic food and drink composting	3	34	tonnes	8.95070	kg CO ₂ e/tonne	0.3	From 3R Schools. Provided by a report from the waste contractor
Organic food and drink composting	3	225	tonnes	8.95070	kg CO ₂ e/tonne	2.0	From corporate premises increase in consumption due to increased use of assets due to lifting of COVID 19 restrictions
Garden Waste	3	29	tonnes	8.95070	kg CO ₂ e/tonne	0.3	From corporate premises. First year added to total carbon emissions.
General waste to landfill	3	0	tonnes	467.04580	kg CO ₂ e/tonne	0.0	From corporate premises: Residual waste has been bulked and transported as refuse derived fuel since June 2017 rather than landfilled.
Mixed recycling	3	312	tonnes	21.29357	kg CO ₂ e/tonne	6.6	From corporate premises (including glass). Increase in consumption due to increased use of assets due to lifting of COVID 19 restrictions. Based on scheduled regular uplifts so data does not include bulky uplifts. Use volume to weight conversion factors.
WEEE (Mixed) Recycling	3	5	tonnes	21.29357	kg CO ₂ e/tonne	0.1	IT provided information from contractor
General waste to landfill	3	139	tonnes	467.04580	kg CO ₂ e/tonne	64.9	3R schools. General waste to landfill provided by a report from the waste contractor.

Mixed recycling	3	42	tonnes	21.29357	kg CO ₂ e/tonne	0.9	3R schools. Mixed recycling provided by a report from the waste contractor
Diesel (average biofuel blend)	1	1,313,775	litres	2.51233	kg CO ₂ e/litre	3,300.6	Used within fleet services, increase in consumption due to increased use of operations due to lifting of COVID 19 restrictions.
Petrol (average biofuel blend)	1	27,980.00	litres	2.19352	kg CO ₂ e/litre	61.4	Financial data used to calculate estimate consumption within Fleet services.
Grid electricity (Generation)	2	0	kWh		kg CO ₂ e/kWh		Fleet consumption data unavailable due to Charge Place Scotland system limitations.
Grid electricity (transmission and distribution losses)	3	0	kWh		kg CO ₂ e/kWh		Fleet consumption data unavailable due to Charge Place Scotland system limitations.
Biomass chips	1	492,970		0.01513	kg CO ₂ e/kWh	7.5	140,000kg of woodchips consumed for the biomass.
Homeworking emissions	3	24	%	0.30000	kg CO ₂ e/FTE/annum	493.6	Estimate based on % of staff working from home during the pandemic. FTE not available. Headcount figure provided. 40% decrease due to staff returning to place of work due to lifting of COVID19 restrictions.
Overall Total Emissions						26,159.1	

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)	
Biomass			492,970		140,000 kg/ of woodchips consumed for the biomass plant.

3d – Organisational Targets

Name of target	Type of target	Target	Units	Boundary / scope of target	Progress against target	Year used as baseline	Baseline figure tCO2e	Units of baseline	Target completion year	Comments
Corporate emissions	Absolute	Net zero	tCO2e	Council assets/ operations	40%	15/16	46,371	tCO2e	2045	At the latest
	%	75	tCO2e					tCO2e	2030	At least
	%	48	tCO2e					tCO2e	2025	At least
Energy	Annual % reduction	2%	Annual %	Energy use in buildings		14/15		kWh/m ³		.

3da - How will the body align its spending plans and use of resources to contribute to reducing emissions and delivering its emission reduction targets? Provide any relevant supporting information?

Included in the Council Climate Change Plan is an action to progress a carbon budget for the Council, piloting the methodology 2021-22. A carbon budget pilot took place for fleet (assets and plant) in 2021/22, the carbon budget pilot year, targeted fleet assets and explored ways to apportion the carbon budget at Council, function, cluster and service level. Aberdeen City Council approved the approach to carbon budgeting for the Council in February 2022 and an overarching carbon budget for the period April 2021 – March 2025.

Taking learning from the pilot the report also set out the timeline for a phased roll out of the carbon budget, targeting high sources of emissions e.g., assets (energy) in 22/23.

Timeframes and processes for data collation are being accelerated to ensure carbon data is accessible to inform the Commissioning Cycle/ budget setting process. Monthly updates on progress with the carbon budget is provided to the Climate Oversight Group and interim data is due to be shared through the Performance Board. The approach is:

- Targeted: to high emission sources, addressing complexity of data.
- Allocated: to relevant Clusters/ Operations based on their scope to influence.
- Informed: data on carbon saving, actions, pressures shared.
- Phased: refined and rolled out as data flows improve.

Climate change is embedded in core business systems.

- Climate change is integrated across Corporate, Cluster and Operational Risk Registers requiring monthly progress updates on control actions by risk owners and regular review by the Risk Board.
- Audit Risk and Scrutiny Committee, received a report in June 2021 on an internal audit in relation to Climate Change which was undertaken to provide assurance that the Council was taking

appropriate measures to comply with its statutory obligations in addressing climate change and that progress was being monitored.

- Committee report templates ask for information on climate/ environmental risks and a new Environmental Implications section was approved for the Committee Report template in March 2022, asking report authors to identify and state any positive or negative impacts on the environment arising from the report. This sits alongside sections on financial and legal implications.
- The priority scoring matrix for assessing projects under the Council Condition and Suitability Programme (for Council assets, property and estates) has been modified to include scoring on Emissions Reduction and Climate Resilience/Adaptation.
- An update on the Statutory Performance Indicator on emissions management is produced annually.

3db How will the body publish, or otherwise make available it’s progress towards achieving its emissions reduction targets?

- The CCR must be made publicly available and provide information in a transparent and accountable manner, in line with the relevant guidance. The report will be published on Sustainable Scotland Network website (alongside previous years) with a link to view via Aberdeen City Council Climate Change website pages. A word document will be submitted to the newly formed Net Zero, Environment and Transport Committee and will be available publicly.
- Furthermore, an infographic highlighting a breakdown of progress towards emission reduction targets which will be published on the Aberdeen City Council website and internally on the staff intranet ‘Green Workplace’ site.
- Climate Change Target appears in the Community Planning Partners LOIP and further information can be found in The Council Climate Change Plan and project register on the Council Climate Change webpage.
- The use of Corporate Social Media platforms to be confirmed.

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

Emissions source	Total estimated annual carbon savings (tCO ₂ e)	Comments
Electricity		Data and monitoring actions are being progressed to support future reporting.
Electricity		
Natural Gas		
Other heating fuels		
Waste		
Water and sewerage		
Business travel		
Fleet transport		
Other		

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

Project Name	Funding Source	First full year of CO2e savings	Estimated or actual?	Capital cost (£)	Operational cost (£/ annum)	Project lifetime (years)	Primary fuel / emission source saved	Estimated carbon savings per year (tCO2e/ annum)	Estimated cost savings (£/ annum)	Behaviour change aspects including use of ISM	Comments
Continued Street lighting LED Replacement Programme	Aberdeen City Council	17/18	actual	7.5 m	-	7	Electricity	352	17,000	no	70% completed as of 31st March 2022
Dual Fuel conversion (Hydrogen)	Innovate UK, Transport Scotland, HyTrEc2, Energy Transition Fund, Fleet Services	21/22		180,000	-	5	Diesel	-	n/a	no	Three further H2ICED (Hydrogen Internal Combustion Engine) waste vehicles were added to the Council fleet (12tonne, 18tonne and 26tonne)
Electric vehicle charge point rollout	Transport Scotland, Energy Saving Trust (Scotland), Office for Low Emission Vehicles (OLEV), Civitas PORTIS EU funded project	12/13	-	£92,000 for 21/22 £315,000 for 2020/21 £810,000 since 2012	£75,000	On-going	Petrol Diesel	-	-	no	Chargepoint installation organised by the Council 133. This includes 16 for the car club only and 37 for fleet. Public 79
Heating Controls (BEMS)	Aberdeen City Council	21/22	-	-	-	1	Gas electricity			unknown	Upgrade of heating controls in 2 schools. AHU upgrades in 1 school and kitchen canopy controls upgrade in 1

											school plus other minor works
Fleet Replacement Programme	Aberdeen City Council	21/22	Estimate	As committee paper	-	-	Petrol Diesel	-	-	no	Added 49 low emission vehicles to the Council's Fleet. 3 Refuse Collection (RCV) (Dual Fuel conversion Programme – Hydrogen) 1 Refuse Collection Electric, 1 Refuse Collection Hydrogen (HECTOR), 14 Electric Vehicles (LCVs) (grant funded), 1 Welfare Mini - Buses Electric, 12 Electric vehicles (LCVs) (Fleet purchase), 1 Compact Sweeper Electric, 16 Euro 6 vehicles
Condition & Suitability Programme	Aberdeen City Council	On-going	Estimate	As committee paper	-	-	Electricity Mains gas, oil, water	-	-	-	Implementation of building energy efficiency measures through maintenance and upgrade programme

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

Emission source	Total estimated annual emissions (tCO ₂ e)	Increase or decrease in emissions	Comments
This section has not been populated due to lack of information.			

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

Emission source	Total estimated annual carbon savings (tCO ₂ e)	Comments
Electricity	145.35	Replacement lighting system at Marischal College
Electricity	tbc	Lighting replacement - lit signs and bollards
Electricity	tbc	Phased Intelligent Street Lighting Programme
Natural gas	tbc	New Connections to District Heating: Muirfield Primary School, Len Ironside Centre, Fullerton Court, Murray Court, and Clifton Court.
Other heating fuels	tbc	Miltimber Replacement Primary school, including District Heating Connection.
Other heating fuels	tbc	Project Doric- fabric first approach to test the potential for fabric improvement in social housing and installation of zero carbon technologies
Waste	0	
Water/ sewerage	0	
Business Travel	tbc	Grey Fleet reduction (use of employee-owned vehicles)
Fleet transport	tbc	Continued fleet replacement programme – transition to electric, hydrogen & hybrid vehicles
Fleet transport	tbc	Full hydrogen and electric refuse collection vehicles
Fleet transport	tbc	Conversion to dual fuel refuse collection vehicles
Other	tbc	Transition to low carbon small machinery - landscaping
Other	tbc	Condition & Suitability Programme
Other	tbc	Staff Green Champions scheme
Other	tbc	Various Control and Heating upgrades in Schools

3i - Estimated decrease or increase in the body's emissions attributed to factors

Emissions source	Total estimated annual emissions (tCO ₂ e)	Increase or decrease in emissions	Comments
Estate changes			
Service provision	Unknown	Increase	Assets and operations as Covid restrictions are eased.
Staff numbers			
Other			

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

Total savings	Total estimated emissions savings (tCO ₂ e)	Comments
Data and monitoring actions are being progressed to support future reporting.		

3k - Supporting information and best practice

Project Doric

Project DORIC is a consortium-based approach to tackling social housing decarbonisation established under the BEIS Social Housing Decarbonisation Fund Demonstrator programme. The project is match funded between BEIS and SMS, with BEIS providing CAPEX for retrofit upgrade (fabric first) and SMS providing investment for low carbon technologies (Solar PV and battery storage).

The objectives are to adopt a fabric first approach to test the potential for fabric improvement in social housing in combination with the installation of zero carbon technologies to make significant reductions in social housing carbon emissions as part of the UK national target of achieving net zero emissions by 2050. BEIS have approved this project to deliver fabric retrofit measures alongside the deployment of solar PV and battery storage to 50 houses as approved by the PCR in November. The reduction of scope was driven by the limited time within the demonstrator funding scheme to deliver the measures, taking into account Covid restrictions in 2020/21.

The expected deliverables:

1. Achieve significant energy demand reduction in dwellings by applying a whole house retrofit approach that is compliant with PAS 2035 (and a reduction in fuel bills) and EPC improvement from band D to band C or better.
2. Achieve a significant cost reduction for the approach selected within the lifetime of the project, and provide evidence on the sources of cost reduction.
3. Support green jobs and utilise local supply chains to contribute to economic stimulus post-COVID
4. Safely treat an appropriate number of dwellings to demonstrate achievement of cost reduction in a replicable manner.
Provide evidence on replicability and scale-up of approach in future projects
5. Ensure the improvement of health, comfort and well-being of occupants and mitigate any unintended consequences.
6. Provide evidence of performance evaluation post retrofit.

Streetlighting Programme

Since 2016 the Council's Street lighting team have been carrying out a refurbishment process to convert the existing lighting in the city to LED. In addition, a phased approach to install an intelligent street lighting system is taking place enabling controls, dimming, and remote monitoring of faults. 70% is complete as of 31st March 2022

Fleet transition

Phase 1 of the Fleet Replacement Programme 2021/22 reflects the Council's Net Zero ambition to work towards de-carbonising its in-house Fleet. This includes a hydrogen refuse collection vehicle through the HECTOR project – Hydrogen Waste Collection Vehicles in North West Europe. Pilot is on-going.

In addition, 3 hybrid RCVs have been added to the fleet in the reporting year.

Market engagement, including demos and awareness of industry developments to ensure best fit for asset replacement are ongoing Fleet optimisation plans in place to reduce consumption of diesel and transition to electric and hydrogen vehicles. 8% of Council fleet is now low emission.

Car Club

Council staff have access to low carbon vehicles through the Car Club. In 2021/22, 10 vehicles were available and 16 new charge sockets were installed for exclusive staff use.

25,472 km were covered using Battery Electric Vehicles (BEV) and 24,958.4 km using Fuel Cell Electric Vehicles (FCEV). The Car Club plays an important role in reducing non-essential travel and grey fleet miles. The Car Club contract was retendered in November 2021

Connections to district heating

Connection of 3 public buildings to District Heating in 20/21. Improved data flow has resulted data for District Heating, allowing better tracking of the energy mix and transition to low carbon energy.

Housing Programme

The vision of the Aberdeen City Council Housing Programme is: "To create sustainable integrated communities and places, delivering affordable homes designed for life, which meet citizens current and changing needs, supporting the wellbeing and resilience of our tenants." The new

build programme is delivering 2,000 additional council homes in conjunction with developers. 283 flats at Wellheads in Dyce completed in 21/22 connecting to an onsite CHP energy center providing district heating (connected to communal heating within the site). Aberdeen Heat and Power (AHP) will be billing tenants and operating the heat network. AHP will be deploying smart meters and app for tenants to manage their heat usage and this data can be used to enable early intervention for maintenance and also help early social intervention to alleviate fuel poverty, working in conjunction with SCARF. The site is designed with cycle storage and EV charging points provided, water saving included, good public transport connectivity and is variable needs compliant. Further sites are under construction.

Condition and Suitability Matrix

The priority scoring project assessment matrix for the C&S Programme was modified to score on Emissions Reduction and Climate Resilience/Adaptation, ensuring projects which contribute significantly will likely be included in the Programme. In 21/22 project outcomes saw 13 poor condition doors and over 330 windows replaced, over 3,000 sqm of poor condition and poorly insulated roofs repaired at 3 Council premises. These actions support emissions reductions by improved thermal fabric and climate resilience by reduced risk of water penetration. Replaced roofs U-Value* significantly improved from 0.42 to 0.15. Furthermore, 6 schools received toilet replacement or refurbishment and now include water saving measures, which reduces demand on water supplies. A 5% increase of projects contribute positively to improving the environmental performance of the Council's assets (30% in 20/21 to 35% in 21/22).

SECTION 4 – ADAPTATION

4a - Has the body assessed current and future climate-related risks? If yes, provide a reference or link to any such risk assessment(s).

A full strategic climate risk assessment has been completed for risks affecting the Council. **The Council's Corporate Risk Register (CRR)** captures the risks which pose the most significant threat to the achievement of organisational outcomes and have the potential to cause failure of service delivery. Climate risk entries in the Council Corporate Risk Register in this reporting period included:

- 'Compliance' – the risk of not complying with statutory duties as a Council to reduce emissions, contribute to national targets, adapt to climate change in contribution to the national adaptation programme, and report annually on this work.
- 'Place' – the risk of not contributing to a reduction in city-wide emissions and address strategic climate risks for the city where the Council has scope to influence. Including: heavy or reduced rainfall, flooding, higher temperatures and sea levels.

In addition, Climate risks have been identified by Cluster and were integrated in relevant Cluster and operational level Risk Registers in 2021.

Actions support Capability Framework – UC2A (Develop understanding of risk and vulnerability), and UC2B (Consider how you organisations functions might be affected by climate change).

Informing Aberdeen Adapts, an Evidence Base document to inform the development of Aberdeen Adapts was refreshed in February 2022, this aims to build understanding of how climate change will affect the city. *Action supports Capability Framework – UC3B (Undertake strategic climate change risk assessment).*

An assessment of flood risk was carried out for Aberdeen under work in the **North East Local Flood Risk Management Plan 2016- 2022** and this mapped areas potentially vulnerable to flood risk under cycle 1 of the plan. The plan forms part of the statutory obligations placed on Aberdeen City Council and partners SEPA, Moray Council, Aberdeenshire Council and Scottish Water, under the Flood Risk Management (Scotland) Act 2009.

Mapping and Assessment, to identified Potentially Vulnerable Areas (PVAs) was concluded in July 2018 to inform cycle 2 of the plan. Flooding hotspots in each PVA have been identified and these are called Objective Target Areas (OTAs). **The Flood Risk Management Plans 2022-2028** for Cycle 2 were published in December 2021 and the **North East Local Flood Risk Management Plans 2022-2028** are being developed and expected to be published in December 2022.

- The **Integrated Catchment Study 2015 (ICS)** is helping to inform understanding of surface water and small watercourses flood risk. The ICS is a joint project with Scottish Water.
- The **Footdee Coastal Flood Study (2018)** and Aberdeen Strategic Overview of Coast Protection (2019) are helping to inform understanding of coastal flood risk.

- **A Strategic Flood Risk Assessment** was undertaken for the proposed **Aberdeen Local Development Plan 2020**. This is to satisfy the requirements placed on local authorities under the Flood Risk Management (Scotland) Act 2009, requiring local authorities to exercise their flood risk related functions with a view to avoiding or reducing overall flood risk and promoting sustainable flood risk management. The Assessment was to inform the development planning process and to avoid or reduce flood risk by avoiding areas at significant risk of flooding.

4b - 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.

- An update of **Aberdeen Adapts**; a Climate Adaptation Framework for the city, was approved by Council committee in February 2022. The Framework sets out key priorities, goals and key action areas for adaptation in the city. The update identified synergies and interdependencies with the Net Zero Aberdeen Route map which was approved at the same time.
Action supports Capability Framework – UC3A (Explore future change by developing scenarios and/or storylines for climate impacts and PI2C (Develop an initial adaptation strategy or action plan).
- The Council approved an **Energy Transition Strategic Infrastructure Plan** in May 2020, which references Aberdeen Adapts, include the goal of "Aberdeen's infrastructure is adaptable to changes in climate" and some high-level actions relevant to adaptation.
- The **Council Climate Change Plan 2021-2025** was then approved by Full Council on 3 March 2021, with over 100 mitigation and adaptation actions for Council assets and operations. The plan covers 5 broad themes; Buildings, Mobility, Other Operations (ranging from blue green management, flood risk management, to a number of mitigation aspects), Leadership & Governance, Awareness and Behaviour Change.
Governance for the Council Climate Change Plan is fully established, building on the development of a core group that had met since 2019. A first full meeting of the **Council Climate Oversight Group** took place in July 2020 and has met monthly thereafter, this is led by the Chief Operating Officer. 5 thematic sub-groups were also established creating a broad network of relevant officers working on mitigation and adaptation, leads for each of these groups are in place. A Teams channel for this work has been set up to allow the exchange of information. Progress with the plan is also monitored on a quarterly basis by the Council's Performance Board and will be presented annually to Council committee.
Actions supports Capability Framework PI2B (Identify a range of potential adaptation actions), PI2D (Take action to deliver adaptation, PI3D (Implement a programme of adaptation actions).
- Updates on progress with the control measures for climate risks in the Council's Risk Register are provided to the **Risk Board** on a monthly basis. Deep dives on Corporate risks including those for climate take place every 6 months.
The Audit, Risk and Scrutiny Committee is responsible for overseeing risk management on behalf of the Council and for receiving assurance that the Extended Corporate Management Team (ECMT) are effectively identifying and managing risks. In February 2021 the **Corporate Risk Register** and Assurance Map were reported to Committee to provide assurance on the Council's system of risk management.
Action supports Capability Framework – UC3B (Undertake strategic climate change risk assessment)
- A **City Resilience Group** works to manage city risks which could cause an emergency affecting people and place. Climate is included on the agenda for this group.
- Enabling **prompt response to flood alerts**, the Council operate a Duty Flood Officer rota, checking SEPA Water Levels for the Rivers Dee and Don and monitoring coastal tide levels. Where there is surface water flood risk, the status of priority hakes and gullies are checked so these can be cleared. Signs have been installed at all priority trash screens with contact details for reporting blockages or damages. Monthly visual inspections take place for any defect or issues with the rock armour, seawall structures, including ramps and steps; and condition of timber groynes. Beach

levels are also monitored on a bi-weekly basis, these can vary naturally along the Aberdeen coastal front, low sand levels present a risk to the stability of the seawall and a risk to the public access and safety.

- The Council is part of the **Grampian Local Resilience Partnership** providing multi agency co-ordination for response and recovery in emergency situations, including severe weather.
- The Council is a participant in **the Adaptation Scotland Benchmarking Working Group**, using the Benchmarking Tool to assess progress against the Capability Framework. A visual of Council progress against the Capability Framework using the Benchmarking Tool is included in the **Council Climate Change Plan 2021 – 2025**.

Adaptation is embedded in many Council and partnership policies and strategies including:

- The **Aberdeen Local Development Plan (2017)**, includes policies on:
 - Greenspace network – policy NE1 (p67)
 - Trees and woodlands – policy NE5 (p72)
 - Flooding, drainage & water quality - policy NE6 (p74)
 - Coastal planning – policy NE7 (p77)
 - Low and zero carbon buildings & water efficiency – policy R7 (p87)
 - Renewable and low carbon energy developments – policy R8 (p89)
- **Supplementary guidance** on open space & green infrastructure (p71) and flooding drainage and water quality (p75) with arrangements for Flood Risk Management Planning in Scotland, Flood Risk Assessment, Drainage Impact Assessment, Sustainable Drainage Systems (SuDS), Regional SuDS and Waste and Foul Drainage.
- **Supplementary guidance** on open space & green infrastructure (p71) and flooding drainage and water quality (p75) with arrangements for Flood Risk Management Planning in Scotland, Flood Risk Assessment, Drainage Impact Assessment, Sustainable Drainage Systems (SuDS), Regional SuDS and Waste and Foul Drainage.
- The **Proposed Aberdeen Local Development Plan (2020)** and Delivery Programme was approved by Full Council in March 2020 and public consultation ran for over 14 weeks from 20 May to 31 August 2020. The Proposed Aberdeen Local Development Plan (2020) was submitted for the Examination in Public in July 2021, with the Examination commencing in November 2021. The Proposed Aberdeen Local Development Plan 2020 assesses policies against the UN Sustainable Development Goals (p14-15). The Proposed Plan 2020 includes policies on:
 - Green and Blue Infrastructure – policy NE2 (p50)
 - Our Water Environment – policy NE4 (p56)
 - Trees and Woodland – policy NE5 (p58)
 - Low and zero carbon buildings, and water efficiency – policy R6 (p71)
 - Renewable and Low Carbon Energy Developments – policy R7 (72)
 - Heat Networks – policy R8 (p73)
 - Energy Transition – policy B5 (p101)
- Aberdeen City and Shire Strategic Development Planning Authority published the **Strategic Development Plan 2020**. It includes the objective: “mitigates and adapts to the effects of climate change and changing weather patterns”
It acknowledges risk from flooding and storm surges, and increased risk is expected due to changing and more unpredictable weather patterns, extreme weather events and rising sea levels. As well, that “new development should not adversely impact on water quality either during construction or at operational phase. Wherever possible new development should contribute to developing and enhancing blue / green networks and habitat improvement.”
It includes in targets: To avoid having to increase the amount of water Scottish Water are licensed to take from the River Dee, as a result of the new developments proposed in the Plan.”
- Aberdeen City Council produces and maintains **emergency plans** in conjunction with the **Local Resilience Partnership** members, including the emergency services and other agencies. This is to address specific potential emergencies which may affect the Grampian area as a whole, such as flooding.
- The **Aberdeen Nature Conservation Strategy**, considers the future impacts of climate change and highlights the links between biodiversity and climate change. Specifically, the strategy recognises

that biodiversity loss and climate change are interlinked and that both threaten the availability of the natural resources. (p15)

- The **Aberdeen Open Space Strategy 2011-2016**, contains a key objective and series of actions to, “Maximise opportunities to mitigate and adapt to climate change and further biodiversity.” This is through encouraging (Sustainable Urban Drainage Systems) SuDS, protecting open spaces for the role they play in flood management, planting native and wildlife friendly species. This strategy will be updated following the Open Space Audit review, which as part of the Aberdeen City Open Space Audit, a public consultation was carried out in February and March 2022. This consultation asked members of the public that live, work, or visit Aberdeen to provide their opinions on open spaces within the city. The consultation was carried out in two parts, one of which sought the general views on open spaces across the city, and the second which allowed users to select open spaces which are important to them from an online map and give feedback on specific spaces. The consultation which closed on the 20th of March received a total of 1,363 responses and will add community value to the audit. Work is now ongoing to analyse these responses.
- The **Local Transport Strategy 2016 - 2021** states “we therefore need to build infrastructure which is more sustainable, climate resilient and adapted to our environment, ecological conditions and landscape setting”. It includes the objectives:
 - To ensure that the transport network is as resilient as possible in case of flooding from extreme weather conditions. (P28)
 - To contribute to Aberdeen’s carbon emissions targets and develop climate resilient infrastructure. (P43)
- **The North East Local Flood Risk Management Plan (NELFRMP) and North East Local Flood Risk Management Strategies.** The plan contains the statutory duties that the Council will be required to undertake for the Flood Risk Management Plan 2016-2022. This is to meet statutory requirements under the Flood Risk Management (Scotland) Act 2009.
Plans and Strategies for Cycle 2. The Flood Risk Management Plans 2022-2028 for Cycle 2 were published in December 2021 and the **North East Local Flood Risk Management Plans 2022-2028** are being developed and expected to be published in December 2022. Aberdeen City Council is part of the partnership for the North East Local Plan District (NELPD) and comprises of the three local authorities: Aberdeenshire Council, Aberdeen City Council and The Moray Council together with SEPA and the following Responsible Authorities: Scottish Water; SEPA; Forestry Commission Scotland; and Cairngorms National Park Authority.
- **Aberdeen City Council Business Case** - adaptation is embedded into the Environmental Management section of the Aberdeen City Council Business Case template – “Building city resilience to projected changes in climate”, to ensure climate change is considered in new projects and proposals.
- The **ACC Building Performance Policy** covers new build and refurbishment projects for corporate assets. Accompanying guidance and a checklist are designed to support and help inform decision making when considering the construction of new, and refurbishment of, corporate assets. The checklist includes consideration for site selection and assessment, including conducting a climate risk assessment, consideration for drainage, flooding, and water efficiency.
- The Community Planning Aberdeen, **Local Outcome Improvement Plan (LOIP) 2016 – 26** includes the stretch outcome for adaptation: 13. Addressing climate change by reducing Aberdeen's carbon emissions by at least 61% by 2026 and adapting to the impacts of our changing climate. Key drivers for community resilience, and the development of community resilience plans, are shown under this outcome, with key improvement measures against these drivers. (P37) ACC Committee Report templates requires reports to demonstrate links to the LOIP.
- The Aberdeen City **Council Delivery Plan 2021-22** was approved at Full Council on 10 March 2021. This sets out key deliverables and Commissioning Intentions to support delivery of the LOIP. These include the delivery of Aberdeen Adapts; to manage and expand a safe, healthy tree stock; improve resilience to flooding and ensure the safety of the environment. The aim is to encourage community resilience and increase signposting to preferred partners; and to increase community participation in winter maintenance and other resilience issues.
- **Granite City Growing: Aberdeen Growing Food Together** a city community food growing strategy was approved by Council committee in February 2020. This includes the strategic outcome “Embed the requirement to increase biodiversity and climate change adaptation and mitigation within growing spaces through the choice of plants, heritage varieties, site design and

management.”

4c - 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.

Increase awareness

- Webinar on the Council Climate Change Plan (mitigation and adaptation) was given to staff during Climate Week 2021.
- A staff webinar was held on 16 February 2022 and a public webinar for Climate Week North East was held on 24 March 2022. These covered place-based mitigation and adaptation, including information on the refreshed version of Aberdeen Adapts.
- **Carbon Literacy Training** funded by the Scottish City Alliance and The Improvement Service was started to be introduced to Elected Members and Senior Managers and covered mitigation and adaptation. The programme of training is set to continue with further cohorts to be released.
- An area of the **staff intranet** “Green Workplace” is now embedded to share information knowledge and skills. It features a dedicated page to the plan. Operational Theme Leads recorded 60 second video clips to showcase coming theme actions to engage staff, which includes adaptation in the Other Operation theme. This intranet page will continue to be developed over the coming year.
- Where there is **surface water flood risk**, the status of priority hakes and gullies are checked so these can be cleared. Signs have been installed at all priority trash screens with contact details enabling the public to report blockages or damages.

Building Adaptive Capacity

- The **Council Climate Change Oversight Group** continues to meet monthly, which has oversight of the actions being delivered by the 5 thematic sub-groups for the Council Climate Change Plan. This includes emission reduction and adaptation actions for the Council’s assets and operations.
- A **Teams channel** continues to be used for the Group files and communication
- A growing network of 63 **Green Champions** is now established to help raise awareness to staff throughout the Council and wider. Various activities include Climate Week, behaviour change challenges, workshops, lunch and learns. In December 21, a session was held to inform Green Champions about the completion of The **Maidencraig Flood Management and Wetland Scheme** which aims to slow the flow of water in the Den Burn, allowing it to temporarily flood across the boggy area of the Den of Maidencraig, if required, during storms. This reduces flood risk downstream.
- Adaptation and mitigation are now embedded into a range of processes and procedures as part of work under the Leadership and Governance Group, for the Council Climate Change Plan. A new Environmental Implications section was added to the Committee Report template alongside a risk section which seeks report author input on climate/ environment risks. In addition, Committee Report Authors Guidance was updated, this included climate adaptation. A staff webinar on changes to the committee template, including these was given on 28 March 2022.

Deliver Adaptation Action

- The Council was a partner in the EU project **BEGIN: Blue-green Infrastructure through Social Innovation project (2016-2021)**. BEGIN is focusing on developing an approach to climate resilience for cities that mimics nature’s potential to deal with flooding. One of Aberdeen’s pilot projects was the Maidencraig Flood Management and Wetland Scheme which has been completed.
The scheme aims to slow the flow of water in the Den Burn, allowing it to temporarily flood across the boggy area of the Den of Maidencraig, if required, during storms. This reduces flood risk downstream.
- A **property level flood protection grant** remains in place. The Council runs a 50% funded grant scheme to assist protecting property from flooding. The grant is for private residences that have either been previously flooded and have sustained damage; are located on a vulnerable area shown on the SEPA Flooding Maps; or are shown on the Integrated Catchment Study Model.

- Aberdeen City Council is part of the **EU SCORE project** (Smart Cities + Open data reuse), using data to improve flood protection. The Council with partner University of Bradford worked on the citizen science development trial of a smartphone app with the community of Peterculter, which aimed to allow residents to use their local knowledge and let the Council know when waters are rising or there is flooding in their area. The app trial was investigated as part of work on the project, with the app developed and led by the University of Bradford. There has been installation of smart technology such as, real time sensors and cameras, dashboard for live data viewing, as well as improved flood models. Sensors give more accurate information on water levels at points in the city. This data will be beneficial to development officers, designers, and planning officers in identifying sustainable development actions. Additionally flood risk response can be more targeted as officers can assess risk remotely to sensor sites.
Actions supports Capability Framework PI2B (Identify a range of potential adaptation actions), PI2D (Take action to deliver adaptation, PI3D (Implement a programme of adaptation actions)
- The priority scoring matrix for assessing projects for potential inclusion in the **Condition & Suitability Programme** was modified in 2021. Projects are now able to be scored on Emissions Reduction and Climate Resilience/Adaptation. This ensures projects which contribute significantly to those factors will likely be included in the Programme. The C&S Programme 2022/23 to 2024/25 is underway.
- **Tree Planting.** Schools and community groups planted oak trees as part of the Queen’s Green Canopy initiative and Aberdeen’s First Wee Forest was planted, led and managed by woodside Primary School. It is Aberdeen’s first and only Wee Forest and is the most northerly of all Wee Forests in Scotland. Work is taking place to map out green space for further tree planting for 22/23. **The Tree & Woodland Strategic Implementation Plan** was drafted during the reporting period and a public consultation launched from 24th November 21 – 31st January 2022.

4d - Where applicable, what contribution has the body made to helping deliver the Programme (Scottish Climate Change Adaptation Programme – SCCAP2)?

Sub-Outcome 1.1: People in Scotland’s diverse communities are informed, empowered and adapting to climate change	1.1.2 Empowered Communities	Flood Wardens are in place in several areas of the city. Installation of signs at all priority trash screens for communities to report blockages or damages. The Aberdeen Local Outcome Improvement Plan includes an Improvement Project Aim for “Community led resilience plans in place for areas most vulnerable to flooding by 2023, leading to resilience plans in place across all areas of Aberdeen by 2026”. 2 Community Led Resilience Plans have so far been developed.
Sub-Outcome 1.2: Scotland’s buildings and places are adaptable to Climate Change	Flood Risk Management Strategies	The North East Local Flood Risk Management Plan (NELFRMP) for Cycle 1 was approved in 2016. The plan contains the statutory duties that the Council will be required to undertake during Cycle 1 of the Flood Risk Management Plan 2016-2022. This is to meet statutory requirements under the Flood Risk Management (Scotland) Act 2009. The Plan was produced in partnership with SEPA, Moray Council, Aberdeenshire Council and Scottish Water. The North East Local Flood Risk Management Plans for Cycle 2 (2022-2028) are being developed and expected to be published in December 2022. The Flood Risk Management Plans were published in December 2021. (https://www2.sepa.org.uk/frmplans/)
	1.2.1.1 Community Planning	The Council produced a Sustainable Urban Mobility Plan approved in December 2019. An Aberdeen Active Travel Action Plan 2021-2026 , was approved in March 2021
	1.2.3 Resilient Buildings	Information on home energy savings in Aberdeen can be found at https://www.aberdeencity.gov.uk/services/housing/home-energy-efficiency/home-energy-savings and on the Energy Efficiency Aberdeen website https://www.savingenergyaberdeen.co.uk/ Condition & Suitability Projects are scored on Emissions Reduction and Climate Resilience/Adaptation. Projects which contribute

		significantly to those factors will likely be included in the Programme.
Sub-Outcome 2.2: Scotland's health and social care is ready and responding to changing demands as a result of the changing climate	2.2.2.1 Temperature	Some of the policies in this section relate to making the most of the potential for increased outdoor activity due to a projected rise in mean annual temperature, which would have positive outcomes on both physical and mental health. The Council network is developing sustainable travel networks; have produced a Sustainable Urban Mobility Plan approved in December 2019 and Aberdeen Active Travel Action Plan 2021-2026 , was approved in March 2021
	2.2.2.5 Air Quality	The Council proposed to introduce a Low Emission Zone (LEZ) in Aberdeen from 30th May 2022. A public consultation was launched 1st – 28th November 2021. The aim of the LEZ is to improve air quality within the City Centre Air Quality Management Area to ensure compliance with the Scottish Government's air quality objectives, particularly for the pollutant nitrogen dioxide (NO ₂) Work is taking place to increase the electric vehicle network in Aberdeen and an Aberdeen Electric Vehicle Framework was approved in March 2021. Increase in 8 EV chargers installed for up to 16 vehicles installed for dedicated Council use. Further Public charging sites have also been installed. Further work is taking place to transition the Council's own fleet through the Fleet Replacement Programme. Aberdeen Local Transport Strategy public consultation launched from 14th November – 4th October 2021. Draft strategy to be published in late 2022
Sub-Outcome 3.1: Scotland's businesses based on natural resources are informed and adaptable to climate change.	Land Use Strategy	The Council is a member of a Regional Land Use Partnership being piloted to help develop the approach to land use in support of our green recovery and transition to net-zero.
	3.1.2 Forestry	Expanding Forests and Woodlands programme of tree planting on Council owned land. Following a public consultation 24th November 2021- January 31st 2022, the Strategic Tree & Woodland Implementation Plan is to be published in 2022. In partnership with local communities and sponsors, over 20,000 trees were planted including 500 street trees.
Sub-Outcome 3.2: Scotland's manufacturing, services and wider economy are informed and adaptable to climate change	3.2.4 Building Premises	The North East Local Flood Risk Management Plan (NELFRMP), was approved in 2016. The plan contains the statutory duties that the Council will be required to undertake during Cycle 1 of the Flood Risk Management Plan 2016-2022. The North East Local Flood Risk Management Plans for Cycle 2 (2022-2028) are being developed and expected to be published in December 2022. The Flood Risk Management Plans (2022-2028) were published in December 2022. https://www2.sepa.org.uk/frmplans/
Sub-Outcome 4.2: Scotland's devolved supporting systems are resilient to climate change	4.2.2 Water	The Council has a Sustainable Growth Agreement with SEPA and Scottish Water, the City Blueprint Aberdeen planning has mapped potential areas for blue-green infrastructure. Options appraisal to follow.

4e - 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).

- High level information on climate risk is included in the **Council's Corporate Risk Register**, this gives details on the overarching strategic impacts causes and controls. The Risk Board is provided with monthly updates on progress with climate change action and annual updates are provided for the Audit, Risk and Scrutiny Committee.

- Monitoring processes for the delivery of actions in the **Council Climate Change Plan** are indicated in 4b.
- Progress with the **Nature Conservation Strategy** is reviewed, as part of **Biodiversity Reporting Duties**. This is required every three years under the Wildlife and Natural Environment (Scotland) Act 2011. The most recent **Biodiversity Duty Report** was produced by the Council in December 2020. It includes information on climate change related challenges for biodiversity over the next three years.
- A review of current and future flood risks for the city took place for the **North East Flood Risk Management Plan 2016-2022**. The plan covers the North East Local Plan District and is reviewed at 6 yearly intervals. The plan for Cycle 2 is ongoing.

4f - 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).

- Key indicators are set out under each of the priority areas in the approved **Aberdeen Adapts: Climate Adaptation Framework**. It is anticipated further indicators will be developed to support the implementation phases of the work.
- A Project Dashboard has been established for the **Council Climate Change Plan**. This is updated on a monthly basis by project leads, with project summaries provided to the Oversight Group by theme leads. Progress reports to the Council's Performance Board are submitted as required. Project milestones have been added and initial indicators have been developed for the plan and these will be further developed as implementation progresses.
- The **Risk Board** is provided with monthly updates on progress with climate change controls in the Corporate Risk Register and annual updates are provided for the Audit, Risk and Scrutiny Committee.
- The Council is part of the Adaptation Scotland Benchmarking Working Group and reviews adaptation progress annually against the **Public Sector Adaptation Capability Framework** using the benchmarking tool a summary is produced.
- Biodiversity actions are monitored through implementation of the **Aberdeen Nature Conservation Strategy**.
- Open space actions are monitored through the implementation of the Aberdeen Open Space Strategy.
- Ongoing flood monitoring helps to assess the delivery and effectiveness of flood alleviation studies and schemes.
- The Council is a partner in the Aberdeen Community Planning Partnership, monitoring takes place against key improvement measures for addressing climate change set out in the Aberdeen Local Outcome Improvement Plan. An Improvement Charter has been established for community resilience. Progress updates are provided monthly.

4g - 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.

1. Implementation of adaptation actions in the approved Council Climate Change Plan 2021-2025 for mitigation and climate resilience for the Council's own assets and operations.
2. To ensure the refreshed Aberdeen Adapts aligns with the ongoing development of Net Zero Aberdeen which covers place-based net zero activity, approved in February 2022.
3. Progress with the development of cycle 2 of the North East Flood Risk Management Plan. The Council budget in March 2022 allocated funding for flood protection including grants, flood scheme and sensors.
4. Finalisation of the options appraisal and preferred option decision regarding the completed mapping of blue green infrastructure opportunity sites as part of a Sustainable Growth Agreement project with SEPA and Scottish Water.
5. Continuing work to embed climate adaptation in Council processes and procedures.

4h - Supporting information and best practice. Provide any other relevant supporting information and any examples of best practice by the body in relation to adaptation.

The Council uses the Adaptation Scotland Benchmarking Tool to assess annual progress against the Capability Framework for a Climate Ready Public Sector. An annual summary of progress and key areas to address is produced annually to share with relevant staff.

SECTION 5 - PROCUREMENT

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

The Council's **Sustainable Procurement and Community Benefits Policy** guides sustainable procurement activity at a strategic and operational level, contributing positively and progressively to duties and commitments under Scottish Climate commitments. The policy is sufficiently agile to contribute to broader climate positive aspirations which support global energy transition, application of meaningful circular economy measures and a net zero future for Aberdeen. Strategic and practical guidance is provided at key stages: identification of need, specification development, selection/award and contract management. Policy/guidance assists procurers to proactively address key aspects of the duties: mitigation (ensuring reduction in greenhouse gases/enhancing carbon storage), adaptation (e.g flood prevention) and maximising added social, economic and environmental value in our procurements and national frameworks call offs.

The Commercial and Procurement Shared Service (CPSS)

Embraces the procurement function in: Aberdeen City Council, Aberdeenshire Council and The Highland Council. 2017-2022 Joint Procurement Strategy fully aligned to: i) Scottish Model of Procurement (balance of quality, cost and sustainability) ii) National Performance Framework iii) Public Service Reform Agenda and iv) Scottish Government aspirations to: *“support Scotland’s economic growth by delivering social and environmental benefits, supporting innovation and promoting public procurement processes and systems which are transparent, streamlined, standard, proportionate, fair and business-friendly”*

The **Council’s Procurement Mission Statement** commits to delivery of “ethical and sustainable value for money solutions that support the operational needs and wider strategic aims of the councils and the communities they service to further local and national priorities to the fullest extent possible.” This converges with the **National Performance Framework** outcome “valuing, enjoying, protecting and enhancing our environment” and wider vision for the environment. Policy/strategy/guidance emphasises a commitment (beyond mandatory thresholds) to identify: “leverage opportunities (including social, economic and environmental value) aligned to the needs and priorities of our communities”

Policy

“The partner councils aim to act as a role model within the public sector by carrying out activities in a responsible and sustainable manner, considering how the economic, social and environmental wellbeing of the area can be improved by working with all sectors of the business community to achieve increased prosperity. As responsible and ethical buyers, the partner councils aim to embed the key principles of sustainability into procurement activity for the benefit of society, the economy and the environment.” The policy statement appears prominently in sourcing strategies and tender documents guiding procurers and bidders. Communication in this manner leads to climate positive measures receiving early, considered focus resulting in higher quality, more innovative bids aligned to local priorities and climate change duties.

Policy/guidance explains not all sustainability measures are solely achieved through community benefits. Outcomes can be specified as contractual conditions e.g., particular eco standards (or equivalent), product composition and opportunities to introduce circular economy measures. Methods of production, lifecycle costing, environmental performance, reduction of packaging (particularly single use plastic) wastewater standards/accreditation and production methods at any stage of the lifecycle of supply or service promoted. **Example Climate Clause 2021-2022**

Zero Waste Scotland Specification Development (Category and Commodity) guidance is promoted. Sustainable procurement measures achieved in the specification regarded as “community

benefits” and procurers are encouraged to consider utilising community benefits and the specification to maximise environmental wellbeing.

Sustainability tools are promoted in policy and guidance: i) Sustainability Test, ii) Prioritisation Tool and iii) Lifecycle Impact Mapping. As with procurement strategy, linkages to The Scottish Model of Procurement; The **National Performance Framework** and Local Outcome Improvement Plans.

Policy/guidance recognises that councils have influence and responsibilities beyond the geographic areas they serve. Sustainable procurement measures/community benefits can be captured at the following levels: Local (Council/area specific); **National** (Scotland/UK) or **Global** (e.g. fairly traded/ethically sourced goods/carbon emission reduction.) Guidance prompts that many national strategic objectives are addressable locally (employment & skills, Real Living Wage, health and wellbeing, poverty, biodiversity, reduced road miles/reduced carbon emissions etc.)

To simplify, sustainable procurement strongly recognised as a means of increasing prosperity. Prosperity of the (local) economy; Prosperity of (local) people; Prosperity of (local) places and Prosperity of the (local) environment.

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

- The following is illustrative of procurement activity i) delivering a reduction in CO2 ii) improving energy efficiency and iii) incorporating meaningful sustainability criteria:
- **Construction** – follows industry terms/best practice (NEC3, SBCC ICE etc), Building Standards/Building Performance polices. Specifications incorporate sustainability, energy and environmental considerations to a challenging but proportionate extent per project. Strong ethos that value for money demonstrated by whole of life costing/best price-quality ratio. Current and future climate risks factored into procurement processes where relevant to safeguarding assets/infrastructure/communities. In the reporting period, procurer and supplier knowledge/awareness of circular economy principles and opportunities increased.
- **Sensor Network**– Illustrative of proactive approaches to adaptation. Full potential of strategic deployment of sensors supporting early intervention in the context of flood prevention under consideration. Peterculter flood warning project includes gauges and app in trial phase with testing to complete. Additional flood prone locations are being assessed to implement the use of CCTV and gauges in partnership with SEPA
- **Managed Print Contract** (Aberdeen City/Aberdeenshire) From original estate of over 5,000 unmanaged print devices (2016), contract systematically eliminated use of small, inefficient desktop printers requiring regular consumable replacement and rationalised to under 50% by 2018 to ENERGY STAR® power saving models. Supported by a Print Policy driving duplex and mono print as default with imperative to scan and move paper to digital to reduce resources and eliminate waste. Outcomes include reduced print volumes averaging 10% year on year, with estimated 270M fewer sheets of paper used since 2016 (the equivalent to 32,393 trees). Xerox Sustainability Calculator reports a 30% reduction in: Energy: (annualised BTUs), Greenhouse Gas Emissions (Annualised Pounds GHG) and Solid Waste (annualised Pounds SW.) From 2018 - 2022 CO2 emissions from electricity have reduced by approximately 13% and from paper by 50%. Contract ensures all removed devices governed via WEEE compliant processes. Used consumables managed through the Xerox Green World Alliance programme to recycle – minimising environmental impacts/maximising opportunities to positively contribute to the global circular economy agenda.
- **Energy from Waste** (Aberdeen City/Aberdeenshire /Moray Councils) Construction of an Energy from Waste plant working towards fulfilling Zero Waste Plan requirements with the facility targeted to be operational by 2023. Facility aims to provides a long-term solution for non-recyclable waste produced in the NE of Scotland and will provide a viable solution for residual waste that will generate significant, wider benefits e.g electricity generation and heat for local residents as a sustainable means of reducing fuel poverty. Forecasts indicate plant will process circa 150,000 tonnes of non-recyclable waste pa. Modern combustion technology utilises flexible, future-proof, cutting-edge process control. High temperature combustion provides electricity and heat from production of steam. Project has potential to heat 10,000 homes otherwise reliant on fossil fuels. Forecasts show around 12MW of electricity, and/or 20MW of heat as steam or hot water will be produced.

- Torry Heat Network** - Work commenced in March 2022 to construct first phase of a new District Heating System for the community of Torry. Heat will be supplied by the energy from waste plant to dispose of non-recyclable waste from Aberdeen City, Aberdeenshire and Moray Councils. Work comprises a heat distribution facility and installation of 3.7 miles of underground pipes. Anticipated 300 homes + 5 Public Buildings will be connected to the network. District Heating provides higher efficiencies and superior pollution control than localised boilers and aids reduction of carbon footprint. Heat networks significantly reduce demand for heat generated from fossil fuel sources. Phase 1 Project will deliver carbon savings of at least 32,700 tCO₂ over a 40-year period, thus making a significant contribution towards Aberdeen's climate positive aspirations. Project will provide warmer homes, lower heating bills and hence assist significantly with local and national priorities in terms of socio-economic deprivation and fuel poverty.
- Fuel Cell/Hydrogen/Electric Vehicles**— in the reporting period, new EV charge points made operational at Frederick Street. Provision increased to 3 x rapid chargers + 5 x fast chargers with capacity to charge 15 public vehicles and 1 car club vehicle at once. At Craibstone Park & Ride, replacement of 4 x fast charge units with new fast charge units, each capable of recharging 2 vehicles at once. Additional charge points procured 2021/22 currently being installed: 1 x rapid charger at Virginia Street car park, 1 x fast charger at Summer Street car park and 1 x additional rapid charger and 2 x additional fast chargers at Craibstone Park and Ride – each capable of recharging 2 vehicles at once. Total charge points listed here. In partnership with Aberdeenshire and Highland Councils, collaborative “Pathfinder initiative” funded by Scottish Futures Trust initiated. Initiative has allowed a consultant to be procured to explore alternative business models for future delivery of public EV charge points. Initiative may ultimately involve collaboration with partners across the private sector to further expand the EV network at pace, harnessing expertise/funding.
- Via **Car Club**, additional hydrogen cars made available to the public. In addition to x 3 Toyota Mirais, x4 additional Mirais offered to the public. Car Club contract retendered in 2021/22 (3+2 years) “Enterprise” commenced operations on 1st June 2022. As previously, contract offers: i) ability to operate a PAYG car club to the public and organisations from designated bays ii) management of 10 exclusive use “managed pool cars” for staff iii) ability to be part of “Development Management” process for new planning applications e.g. membership and provision of cars are options for mitigating the need for parking spaces in new developments. Three further H2ICED (Hydrogen Internal Combustion Engine) waste vehicles were added to the Council fleet (12 tonne, 18 tonne and 26 tonne) alongside the UK's first fuel cell electric waste truck as part of the Interreg North West Europe HECTOR project. A comprehensive fleet review was also published to establish potential H2 demand and electric vehicle uptake. The findings of the review are linked here
- Aberdeen City Hydrogen Energy Storage (ACHES)** –a hydrogen production and refuelling station to the South of the City on Landykes Road, Cove, originally built as a demonstration to showcase the technology and allow demand to build in the region. The facility is owned by Aberdeen City Council and has been operational since 2017. The station uses electricity on a green tariff to produce hydrogen via electrolysis onsite. In the reporting period, ACHES dispensed more than 1,715 kg of hydrogen over 845 refuelling events servicing both the Council fleet and public vehicles. Several tube trailers were also filled during this period enabling bus demonstration projects in Northern Ireland and Inverness to begin.
- Hydrogen Hub** – On 11 March 2022, the Council and bp signed an agreement to form a joint venture partnership that will deliver a scalable green hydrogen production, storage and distribution facility in the city powered by renewable energy. The Aberdeen Hydrogen Hub is to be developed in three phases in response to growing demands for hydrogen. Phase one, which involves delivery of a green hydrogen production and transport refuelling facility powered by a solar farm, is targeting first production from 2024, delivering over 800 kilograms of green hydrogen per day. Future phases could see production scaled up through further investment to supply larger volumes of green hydrogen for rail, freight and marine, as well as supply of hydrogen for heat and potentially export. This expansion would be enabled by the expected increased availability of local renewable energy sources, including developments that emerge from the ScotWind offshore wind leasing round. The Aberdeen Hydrogen Hub programme will support Aberdeen City Council's ambitions to create a climate positive city and build inclusive growth through supporting hydrogen supply chain

development, skills and training, and wider community benefits.

- National Frameworks - via participation in User Intelligence Groups, the Council works in close collaboration with **Scotland Excel (SXL)** to improve sustainability credentials in the development of new national frameworks. Comprehensive sustainability test carried out by SXL for each new framework e.g policies on managing waste, minimising carbon footprint, fair work, innovation and commitments to delivering community benefits explored and subject to robust contract/supplier management. Extensive use made of national frameworks. SXL Contracts Register lists each operative framework and contains a summary of sustainability considerations representing a minimum standard which can be enhanced through purchasing decisions made in “call offs” In any framework involving delivery of supplies, increasingly superior emissions class of vehicles/ willingness to work towards a particular standard during engagement promoted. Food related frameworks incorporate reduced packaging/waste and circular economy principles. **Scottish Government Frameworks and Contracts** cover a wide range of goods and services. Sustainability standards represent a minimum which can be enhanced through purchasing decisions made in “call offs.” Utilities **Electricity** - Promoting greener power, Renewable Energy Guarantee of Origin (REGO) certificates at fixed rates; range of Energy Efficiency Services as additional services and opportunities to sell energy back to the grid. **Natural Gas** – sustainable measures and energy performance guarantee option to ensure a range of energy conservation measures. **Water** – intelligent water management programme for reducing usage with associated reduction in CO2.

5c - Supporting information and best practice

In the reporting period, the Commercial and Procurement Shared Service (CPSS) continued to engage actively and positively in the net zero/sustainable procurement agenda at a local, regional and national level e.g. via working groups, User Intelligence Groups and statutory consultations. Options continued to be challenged in cross-functional teams e.g. Climate Friendly criteria options (including appraisal of carbon calculator tools) and assessment of how impacts can be reliably monitored and reported upon.

Internally, CPSS continue to contribute to themed corporate climate groups. Activity feeds into the Climate Change Plan supporting enabling actions to integrate actions into systems/processes, build internal and supplier awareness, knowledge and capacity building of climate positive/circular economy principles. In the reporting period, four specific commodity areas identified for specific action to minimise the Council's carbon footprint in: i) Food ii) Building Maintenance Materials iii) Road Maintenance and iv) Office Materials

The Council's **Sustainable Procurement and Community Benefits Policy** guides sustainable procurement at a strategic and operational level, contributing positively and progressively to duties and commitments under Scottish Climate commitments. An **Example Climate Clause 2021-2022** evolved to encourage suppliers to explore the Edinburgh Science Net Zero Toolkit (<https://thenetzerotoolkit.org/about/>) as a free resource to support their own journeys to a net zero future. The reach of the toolkit amplified via the Supplier Development Programme (<https://www.sdpscotland.co.uk/>) Relationships with Edinburgh Science and the Supplier Development Programme deepened in the reporting period and CPSS instrumental in the development of an ambassador programme. Contributions also made to the Climate & Procurement Forum and Aberdeen and Grampian Chamber of Commerce “Circular North-East” initiative.

Despite continued impacts of Covid19, significant community benefit outcomes were secured in the reporting period as per Procurement Annual Report for 2020/2021 Guided by our **Sustainable Procurement and Community Benefits Policy**, 2271 community benefit outcomes imposed or delivered during 2021/22 (including over 3360 Community timebank hours imposed/567 hours delivered.) In regulated contracts, the community benefit inclusion rate was 94% and 100% in respect of fair work criteria.

Strategic and practical guidance covers key stages: identification of need, specification development, selection/award and contract management. Policy/guidance assists procurers to proactively address key aspects of the duties: mitigation (ensuring reduction in greenhouse gases/enhancing carbon storage), adaptation (e.g. flood prevention) and maximising added social, economic and environmental value in our procurements. A significant and increasing number of outcomes relate to “environmental measures” promoting the Council's leadership role in net zero transition. Community benefits continue to evolve and improve in close alignment to the **Aberdeen City Council Local Outcome Improvement Plan 2016-2026**

(LOIP) and National Performance Framework. Great care is taken to ensure that requirements do not inadvertently create bidder discrimination and bids evaluated fairly on a “like for like” basis. Forward pipeline of procurements for FY2022-2023 reviewed opportunities to include climate friendly criteria identified. Projects reviewed on a continuous basis. Systems options will be reviewed with a view to adopting a system to monitor, measure and report on community benefits, Fair Work, sustainability/climate outcomes achieved.

Go Awards Scotland- CPSS were finalists in three categories in a ceremony held on 19 April 2022: Social Value Award – City Region Deal Gigabyte Framework (outright winner) COVID-19 Outstanding Response Award - (Finalist) and Procurement Team of the Year (Finalist).

Effective Collaboration/Partnership Working - CPSS has strengthened relationships with Edinburgh Science, the Supplier Development Programme, community planning partners, the local business community, local third sector interface organisations, Aberdeen Social Enterprise Network and Sencot to raise awareness of and capability within the 3rd sector re sustainable procurement/community benefits/net zero. Approach ensures as far as possible, social value is aligned to community priorities. If social/economic value can be supported by the local 3rd sector, this allows increased scope for procurers and suppliers to address “environmental measures” and the net zero agenda.

Sustainable Food Places Partnership (Granite City Good Food) - Following a rigorous application process commencing in the reporting period, Aberdeen City secured recognition as a Silver, Sustainable Food Place in June 2022. In partnership with other internal/external stakeholders, CPSS supported the procurement strand of accreditation requirements. The award recognises Granite City Good Food’s work to promote healthy, sustainable and local food to tackle some of today’s greatest social challenges, from food poverty and diet-related ill-health to using food as part of responses to the climate and nature emergency. The partnership has been a key voice in creating systems change to ensure food can be good for people, planet, and economy. Amongst the key projects within the city, the partnership supported the council in confirming its commitment to the Glasgow Declaration for Food. Partners include representatives from: Aberdeen City Council, NHS, University of Aberdeen, Robert Gordon University, Aberdeen City Health and Social Care Partnership and CFINE. The group advocates for change at national level, shares best practice and aspires to localise the Scottish Government’s aspirations to make Scotland a Good Food Nation; a Land of Food and Drink, not only in what we produce but in what we buy, serve and eat.

SECTION 6 – VALIDATION AND DECLARATION

6a – Internal validation process.

Representatives from the Council’s Environmental Policy team collated the information used to populate the Climate Change Report template. The information was gathered from multiple service areas. It is expected that those service areas have provided accurate data and have gained verification of this by their senior management. The Climate Change Report is checked by the Environmental Policy team that all areas have been completed, where reasonably practicable to do so.

Senior management have been asked to validate information provided by relevant Officers. The following information has been validated in this way.

- Adaptation
- Car club
- Trade waste
- Domestic waste
- Street Lighting
- Procurement
- Co-Wheels
- Travel
- Fleet
- Energy

Work is being carried out to identify areas for improvement in data collation for the Climate Change Report. The Climate Change Report 2021/22 is submitted to the Net Zero, Environment and Transport Committee for approval. During the committee reporting process consultation is undertaken.

6b – Peer validation process

The Climate Change Report 2021/22 has not undergone peer validation due to time and resource constraints.

6c – External validation process

The Climate Change Report 2021/22 has not undertaken any external validation due to time and resource constraints.

6d – No validation process

Not applicable.

6e – Declaration

Dated and signed prior to submission.

Aberdeen City Council Climate Change Report 2021/22

RECOMMENDED SECTION – WIDER INFLUENCE

Q.1a Historic Emissions

Indicating emission amounts and units of measurement (tCO₂e) and years.

Emissions of carbon dioxide for local authority areas*														
Sector	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Units
Total emissions	1,696.18	1,531.77	1590.42	1,485.76	1,563.65	1,480.88	1,323.94	1,275.5	1,173.84	1,111.08	1,094.86	1,073.21	952.16	ktCO₂e
Industry & commercial	659.52	584.03	609.97	571.26	603.53	568.22	498.68	457.24	384.22	368.38	341.74	307.50	239.62	ktCO ₂ e
Domestic	576.91	519.17	550.51	488.17	526.17	506.31	428.80	413.07	385.16	353.55	351.89	341.95	323.44	ktCO ₂ e
Transport Total	342.24	322.82	315.84	305.94	298.54	293.42	296.56	297.38	300.22	300.62	294.45	326.71	280.27	ktCO ₂ e
<i>Per Capita</i>	<i>7.93</i>	<i>7.06</i>	<i>7.24</i>	<i>6.68</i>	<i>6.95</i>	<i>6.52</i>	<i>5.78</i>	<i>5.54</i>	<i>5.11</i>	<i>4.86</i>	<i>4.81</i>	<i>4.69</i>	<i>4.16</i>	<i>ktCO₂e</i>

*UK Local Authority and Regional Carbon Dioxide Emissions National Statistics (subset data)

Q.2a Detail wider influence targets

Sector	Description	Type of targets (units)	Baseline value	Start year	Target saving	Target / End year	Saving in latest year measured	Latest year measured	Comments
Waste - domestic	56% of household waste to be recycled through source	%				2025	45.41%	2021	Source - Waste data for Scotland Scottish Environment Protection Agency (SEPA)
Waste - domestic	No more than 5% of household waste should be landfilled	%				2025	10.00%	2021	Source - Waste data for Scotland Scottish Environment Protection Agency (SEPA)

Active travel	Modal Shift - Private Vehicle to Active Travel (Cycling/Walking)	%	3.3% cycling (2018). 25% walking (2018) (Cityvoice) to work and education	2018		2026	5.3% cycling in 2021 for work and education and 23.6% walking for work and education	2021	38% of people walking and 5% of people cycling as main mode of travel by 2026 (Local Outcome Improvement Plan)
Net Zero Aberdeen	Place based target to achieve net zero carbon emissions in the City of Aberdeen	Absolute	1793 ktCO2e (2005)	2022	1793ktCO2e	2045	840 ktCO2e	2020	Routemap approved February 2022 - 2005 baseline year. 2020 measure 952ktCO2e (53.1% reduction against baseline).
Net Zero Aberdeen – Mobility Strategy	20% reduction in car traffic	Million car km	1,244 million km (2019)	2022	248.8 million km (20%)	2030	TBC		Target 995 million car km
Net Zero Aberdeen – Mobility Strategy	Reduction in proportion of journeys by car to less than 50%	%	Car driver 53% (2019)	2022	>3%	2030	TBC		Target car driver <50%

Q. 2b Does the organisation have an overall mission statement, strategies, plans or policies outlining ambition to influence emissions beyond your corporate boundaries? If so, please detail:

Energy Transition/ Net Zero

- [A Net Zero Vision and Prospectus for Aberdeen](#) was approved at Urgent Business Committee in May 2020. Includes strategic objectives: leading the global transition; accelerating transition demand; resilient, productive and dynamic place; climate positive exemplar; putting people first.
- [Strategic Infrastructure Plan \(Energy Transition\)](#): was approved at Urgent Business Committee in May 2020. It includes Strategic Infrastructure Goals: clean energy supply for the city, UK and, particularly, globally; Aberdeen's infrastructure is adaptable to changes in climate; sustainable mobility; building energy efficiency; sustainable waste management. It also includes priority area of Net Carbon Zero - Public Sector.
- The [Net Zero Aberdeen Routemap and six enabling strategies](#) were approved by Full Council February 2022. The routemap sets a city-wide, place-based, pathway towards achieving net zero carbon emissions by 2045. The key themes covered by the six enabling strategies are; Mobility, Buildings and Heat, Energy Supply, Circular Economy, Natural Environment and Empowerment.

Adaptation

- [Aberdeen Adapts: Climate Adaptation Framework](#) aims to work in partnership to build city resilient to the impacts of current and future climate change. The Aberdeen Adapts project brought together a range of organisations and businesses to identify the specific challenges for the area and the new opportunities that come from a changing climate. The aim is to create a positive and ambitious strategic approach, setting the foundations for long term local partnership working on climate change. Aberdeen Adapts was updated and reapproved in February 2022, aligning with Net Zero Aberdeen and showing synergies and interdependencies between the themes of each document.

Q.3 Policies and Actions to Reduce Emissions

Please detail any of the specific policies and actions which are underway to achieve emissions reductions targets.

Sector	Start year for policy/action	Year of full implementation	Annual CO ₂ saving	Last year measured	Savings in latest year measured	Status	Metric/ indicators for monitoring progress	Delivery role	ISM used ?	Details of behaviour change activity	Value of investment (£)	Ongoing costs (£)	Primary funding source	Comments
Transport	2012	On-going	-	21/22	-	Implementation	No. chargepoint installations organised by the Council	Direct	no	Installation and managing network of electric vehicle charge points - Aberdeen. 133 (118 in 2021). 79 public, 17 car club only, 37 for fleet	£92,000 2021/22 Further £1,125M since 2012	£75,000	Transport Scotland, Energy Saving Trust (Scotland)	-
Transport	2012	On-going	-	21/22	-	Implementation	52 vehicles in March 2021 up from 49 last year.	Indirect	no	Car club. People able to have access to a low carbon vehicle without needing to own one.	£1,076,000	£185,000	Council budgets, Developer Contributions, Transport Scotland, Paths for All, Co-wheels car club (for this reporting period)	Car club contract re-tendered in Nov 2021.
Transport	Ongoing	On-going	-	2021	-	Implementation	Number of schemes delivered	Indirect	no	Studies, designs and implementation of Active Travel Infrastructure across the city	-	-	Sustrans, NESTRANS	Spend figures/delivery 20/21 year still to be completed

Transport	-	2021	To confirm at end of project	20/21	-	Implementation	-	Indirect	no	Fuel Cells and Joint Undertaking Project (FCH JU JIVE) - Deliverables: 15 double-decker buses operational in Aberdeen	-	-	Funding from FCH JU JIVE project & further money from Air Quality Action Plan	Aberdeen City Council a partner
Transport	2016	2020	To confirm at end of project	20/21	-	Implementation	Cenex are monitoring data for all vehicles using the ACHES station. Number of vehicles, fuel efficiency, miles driven, availability of station are also being measured.	Direct	no	Aberdeen City Hydrogen Energy Storage. Council Waste Team, Building Services and City Wardens trialled vehicles as well as Scottish Environmental Protection Agency, SCARF, CFine, NESCol, Sport Aberdeen, RGU, Aberdeenshire Council and NHS.	£2.9million	£103k	Aberdeen City Council	Funding from fuel sales ACC NESTR-ANS Transport Scotland, EU Regional Development Fund
Energy	2021	2023	-	-	-	Implementation	-	Direct	no	District Heating – heat supplied by Energy from Waste plant. First phase of the energy from waste district heating network in Torry. Future phases are planned to connect more homes, businesses and public buildings subject to funding availability	-	-	Part funded by ACC and part funding by Scottish Government grant funding	-

Energy	2021	TBC	-	--		Impl eme ntati on	- Reduced energy demand - Low carbon energy (Council housing)	Direct	no	Project DORIC, a “whole house” retrofit demonstrator project, in 50 existing council properties to improve fabric and energy efficiency. Installing energy efficiency measures and PVs. Learning about the standards, timescales, cost of retrofit to inform the development of a future retrofit programme. Using smart modelling software and infrared survey techniques to better target resources.	-	-	ACC & UK government grant funding	BEIS grant funding – Social Housing Decarbonisation Fund Demonstrator
Energy	2002	2021	-	-	-	Com plete	The carbon savings are calculated based on the amount of heat and electricity supplied by the CHP plant operated by Aberdeen Heat and Power.	Indirect	no	Stockethill, Hazlehead, Seaton, Beach and Tillydrone CHP Energy Centres . 3,332 flats/houses are now connected and 29 public buildings and sheltered housing complexes.	-	-	Aberdeen City Council	Aberdeen Heat and Power established in 2002 providing Combined Heat and Power.
Energy	2019	2021				Com plete	Low carbon energy tCO2e	Indirect	no	369 new Council homes (Summerhill) To connect to an existing heat network mains (Stockethill Energy Centre) providing district heating.	-	-	Aberdeen City Council	-

Energy	2019	2022	-	-	-	Complete	Low carbon energy tCO2e	Indirect	no	283 new Council homes (Wellheads) to connect to an onsite CHP energy centre providing district heating (connected to communal heating within the site).	-	-	Aberdeen City Council-	AHP deploying smart meters, working in conjunction with SCARF.
Energy	2020	2023	-	-	-	Implementation	Low carbon energy tCO2e	Indirect	no	213 new Council homes (Kincorth) Gold Standard homes to connect to an onsite CHP energy centre providing district heating (connected to communal heating within the site).	-	-	Aberdeen City Council	Plan to connect with EFW heat network (post 2023)
Energy	2020	2023	-	-	-	Implementation	Low carbon energy tCO2e	Indirect	no	99 new Council Homes (Craighill) Gold Standard homes to connect to an onsite CHP energy centre providing district heating (connected to communal heating within the site).	-	-	Aberdeen City Council	Plan to connect with EFW heat network (post 2023)
Energy	2020	2022	-	-	-	Implementation	Low carbon energy tCO2e	Indirect	no	92 new Council homes (Auchmill) Gold Standard Housing. Connected to existing CHP system	-	-	Aberdeen City Council	

Energy	2020	2022	-	-	-	Implementation	Low carbon energy tCO2e -	Indirect	no	36 new Council homes (Kaimhill) Gold Standard housing. To be incorporating low/zero carbon renewable technologies e.g. heat pumps and solar PV + battery.	-	-	Aberdeen City Council	Cost preparation underway.
Energy	2021	2025	-	-	-	Implementation	Low carbon energy tCO2e	Indirect	no	536 new Council homes (Cloverhill) Gold Standard housing. To include renewable technologies.	-	-	Aberdeen City Council	To include renewable technologies.
Energy	2021	2021	-	-	-	Complete	-	Indirect	no	Hydrogen for Heat - A technical and feasibility study to inform hydrogen for heat demand for Aberdeen. Links to the city-wide development of a Hydrogen Hub	-	-	-	Specific locations identified for energy centres, where hydrogen could be used for alternative (clean/green fuel) heat sources to replace gas.

Q.4 Partnership Working, Communications and Capacity Building

Key action type	Description	Organisation project role	Lead organisation (if not reporting organisation)	Private partners	Public partners	3 rd sector partners	Outputs	Comments
Partnership working	Net Zero Aberdeen – Comprised of Net Zero Leadership Board and Net Zero Delivery Unit working on city-wide climate mitigation pathway.	Lead	-	Range of private and public sector partners (23 organisations)		-	Partnership working to create the Net Zero Aberdeen Routemap and six Enabling Strategies – all approved at Council February 2022.	Net Zero Aberdeen Routemap and six enabling strategies
Partnership working	North East Scotland Fleet Review (Hydrogen Demand) . A H2 Aberdeen study to bring about an increased demand of hydrogen in north east Scotland, through the Aberdeen Hydrogen Hub.	Lead	-	Opportunity North East, Royal Mail	Scottish Water, Scottish Enterprise, Aberdeenshire Council, Highland Council, Angus Council, Moray Council, NHS Grampian, Robert Gordon University, North East Scotland College, Scottish Environment Protection Agency, NatureScot	-	The Fleet Review part of the project aimed to deliver a commercial supply of green hydrogen in north east Scotland, initially for transport uses.	Proposal Template (aberdeencity.gov.uk)
Partnership working	HyTrEc2 . Supporting the further use of Hydrogen Fuel Cell Electric Vehicles (FCEVs).	Lead	-	Partners from the UK, Germany, The Netherlands, Sweden and Norway are working together to support the use of Hydrogen in the transport and energy sectors in the North Sea Region (NSR).			Deployment of hydrogen vehicles, green hydrogen production and storage, development of hydrogen refuelling stations and training.	Interreg North Sea Region Project
Partnership working	JIVE – Fuel Cell & Hydrogen Joint Undertaking . To advance the commercialisation of fuel cell buses through large-scale deployment of vehicles and infrastructure	Participant.	-	The project consortium comprises 22 partners from seven countries.			Deliverables: hydrogen double decker buses. JIVE will run for six years from January 2017.	https://www.fuelcellbuses.eu/projects/jive

Partnership working	Smart HyAware. Promoting hydrogen electric mobility by tackling the main infrastructural -and technological and market uptake barriers related to hydrogen for electro-mobility.	Participant.	-				Deliverables: update the Hydrogen Strategy with extensive stakeholder engagement and increase awareness of hydrogen potential throughout the city region.	Interreg Europe Programme.
Partnership working	HECTOR project – Hydrogen Waste Collection Vehicles in North West Europe	Lead	-	Partners: Aberdeen, Scotland; Groningen, Netherlands; Arnhem, Netherlands; Duisburg, Germany; Herten; Germany; Touraine Vallee de l'Indre France; Brussels, Belgium			Deliverables: hydrogen fuel cell waste truck, development of training and operational recommendations, business case for upscaling based on real life operational data.	Interreg North West Europe Project
Partnership working	Getabout Partnership. Sustainable travel brand promoting walking, cycling, use of public transport, lift share. This helps the Council realise the aims and objectives of its Local Transport Strategy and Active Travel Action Plan	Participant	Getabout Partnership	-	Aberdeen City Council, Aberdeenshire Council, University of Aberdeen, Robert Gordon University, North East College, James Hutton Institute, Energy Saving Trust, NESTRANS, NHS	-	Getabout brand	Investment into partnership - around £198,000. Smarter Choices, Smarter Places funding from Transport Scotland/ Paths for All
Partnership working	Car club. Car club in Aberdeen and associated promotion of this.	Participant	Car club		Co-wheels, Getabout	CoMo	City Car Club. Gives residents access to a shared vehicle.	Investment into partnership - Around £185,000 per year by Council Car club contract re-tendered in Nov 2021.
Partnership working	EV chargepoint Network. External funding allows the Council to provide a recharging network for electric vehicles to encourage their uptake.	Lead	-	Swarco, Siemens, BMM Energy Solutions, BP Chargemaster	Transport Scotland, Energy Saving Trust (Scotland) Electric Vehicle Association Scotland (EVAS) European Union	-	EV chargepoint network. Supporting electric vehicles and encouraging a shift away from diesel and petrol cars.	Investment into partnership - £1,125,000 by Council

Partnership working	Facilitating Active Travel Infrastructure	Participant	Aberdeen City Council	-	NESTRANS, Sustrans, Transport Scotland	-	Active Travel infrastructure studies, designs and physical infrastructure to encourage more walking and cycling.	-
Partnership working	Aberdeen Renewable Energy Group (AREG). AREG works closely in partnership with the Council to identify and help facilitate the delivery of projects that could provide additional renewable energy infrastructure.	Lead	-	Membership directory: https://www.aberdeerenrenewables.com/members/full-member-directory/#!directory			Aberdeen Renewable Energy Group working to ensure businesses in Aberdeen City and Shire capitalise on opportunities in renewable energy.	https://www.aberdeerenrenewables.com/
Partnership working	Dee Catchment Partnership. Effective management and conservation of the river Dee and its surrounding environment, including natural flood management.	Supporting	Dee Catchment Partnership	Aberdeen Harbour Board, National Farmers Union Scotland	Aberdeenshire Council, Cairngorms National Park Authority, Scottish Forestry James Hutton Institute, Scotland Rural College (SRUC), Scottish Environment Protection Agency, Scottish Government, Scottish Natural Heritage, Scottish Water	Royal Society for the Protection of Birds (RSPB), Dee District Salmon Fishery Board	Dee Catchment Management Plan and Partnership. Natural Flood Management.	https://www.deepartnership.org/about-us/our-partners/
Partnership working	North East Scotland Biodiversity Partnership (NESBiP). Tackling threats to biodiversity and facilitating conservation action for local biodiversity.	Participant	Coordinator, hosted by James Hutton Institute	2 independent individual members, James Hutton Institute	NatureScot, Scottish Forestry	RSPB, Scottish Wildlife Trust, East Grampian Coastal Partnership, NFU Scotland	NESBiP's Strategic Delivery Plan and actions complement the Council's environmental and community objectives and helps to support land-use planning duties.	https://www.nesbiodiversity.org.uk/

Partnership working	Sustainable City Group – Community Planning Aberdeen	Participant			Aberdeen City Council, Scottish Fire and Rescue Service, NESTRANS, SEPA, NHS Grampian, NatureScot	Active Aberdeen Partnership, ACVO, Cfine	Lead and be responsible for actions which support delivery relevant outcomes of the Local Outcome Improvement Plan (LOIP).	https://communityplanningaberdeen.org.uk/sustainable-city-2/
Partnership working	North East Scotland Area Advisory Group. Local River Basin Management and Local Flood Risk Management Plan	Participant	SEPA	https://www.sepa.org.uk/media/75414/doc-7-north-east-area-advisory-group-membership-list.pdf			Working together to ensure water bodies achieve a certain ecological status. Working together to prevent and alleviate flooding.	-
Partnership working	Ness Energy Project. Energy from waste facility	Participant	-	-	Aberdeenshire and Moray Councils	-	Treatment and recovery of residual waste to produce heat and electricity by the three authorities in the north east of Scotland.	http://nessenergy.co.uk/
Partnership working	Sustainable Food Places Partnership Aberdeen	Participant	-	Enscape Ltd	Council Aberdeen Health & Social Care Partnership NHS Grampian's Public Health Directorate Robert Gordon University	Community Food Initiatives North East (CFINE) The Allotment Market Stall Tillydrone Community Flat	Seeks to develop high-level co-ordination and influence over food policies and practises in Aberdeen.	https://www.sustainablefoodplaces.org/Portals/4/Documents/Sustainable%20Food%20Partnership%20Aberdeen%20MoU.pdf
Capacity Building	Hydrogen Economy for Aberdeen.	Lead	-	First Group, Stagecoach	Scottish Government, NESTRANS, European Regional Development Fund, Office of Low Emission Vehicles.	-	To develop the supply chain for a hydrogen economy in Aberdeen.	http://www.h2aberdeen.com/home/H2-Aberdeen-hydrogen-economy.aspx
Partnership working	Scottish Cities Alliance – Peer to Peer Network	Lead	-	-	Aberdeen, Dundee, Dunfermline, Edinburgh, Glasgow, Inverness, Perth,	-	A network encouraging knowledge sharing across the cities and enabling officers to learn from each other and share best practice.	

					Stirling, Scottish Government			
Partnership working	Aberdeen Fairtrade Steering Group	Partner	Aberdeen Fairtrade Steering Group	-	-	-	Awareness raising of Fairtrade products, participation in events (e.g. Fairtrade fortnight). Maintaining certification of Aberdeen as a Fairtrade city. Fairtrade Pledge via ACC website.	
Communications	Net Zero Aberdeen website	Lead	-	-	-	-	Net Zero Aberdeen website launched March 2022. Microsite hosted on ACC website.	Net Zero Aberdeen Aberdeen City Council
Communications	Net Zero Aberdeen Climate Week North East webinar	Lead	-	-	-	-	Public webinar held Fri, 25 March 2022 – 50 free spaces made available to the public, all filled. Informing on NZA routemap/strategies, next steps and time for questions/feedback.	Net Zero Aberdeen Tickets, Fri 25 Mar 2022 at 12:30 Eventbrite

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

Key action type	Key action description	Organisation's project role	Impacts	Comments
Food and Drink	Granite City Growing	Lead	Implementation of a food growing strategy for the city encompassing allotments, communities and urban farming.	Ongoing initiative https://www.aberdeencity.gov.uk/services/environment/food-growing-strategy
Biodiversity	Hazlehead Grove Nursery	Lead	Providing an opportunity to develop life skills and learning opportunities for people, through various activities including plant cultivation and other horticultural related activities for the benefit of the city's parks and open spaces and an outdoor educational space.	Ongoing initiative
Biodiversity	North East Scotland Biodiversity Records Centre (NESBReC)	Participant	NESBReC collect, store, manage and disseminate biological data for various organisations including local authorities.	http://www.nesbrec.org.uk/
Biodiversity	Managing non-native invasive species	Lead	Countryside Ranger Service work to manage invasive non-native plant species across the City.	
Food and Drink	Sustainable Food Places	Participant	The initiative promotes a sustainable approach to food and could see more local food growing projects, organic food, less food waste, less food transportation and stronger links between consumers and local producers. A reduced footprint will reduce city-wide carbon emissions.	http://sustainablefoodcities.org/findacity/city-information/userid/462
Food and Drink	Aberdeen Fairtrade City	Participant	The Council reaffirmed its support for Fairtrade Buying more Fairtrade supports an income stream and engagement with communities in developing countries. This gives them more	Ongoing initiative

			opportunity to adapt to a changing climate and to pursue low carbon solutions relevant to their needs. This is an on-going initiative.	
Food and Drink	Community Food Growing	Lead	Several projects aimed at developing new community growing spaces in Aberdeen as part of the delivery of a Food Growing Strategy.	Ongoing initiative

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Council Climate Change Plan 2021-25

Towards a Net Zero and Climate Resilient Council

1st April 2021- 31st March 2022:

- Council Corporate Emissions Summary
- 1st Year Council Climate Change Plan Progress

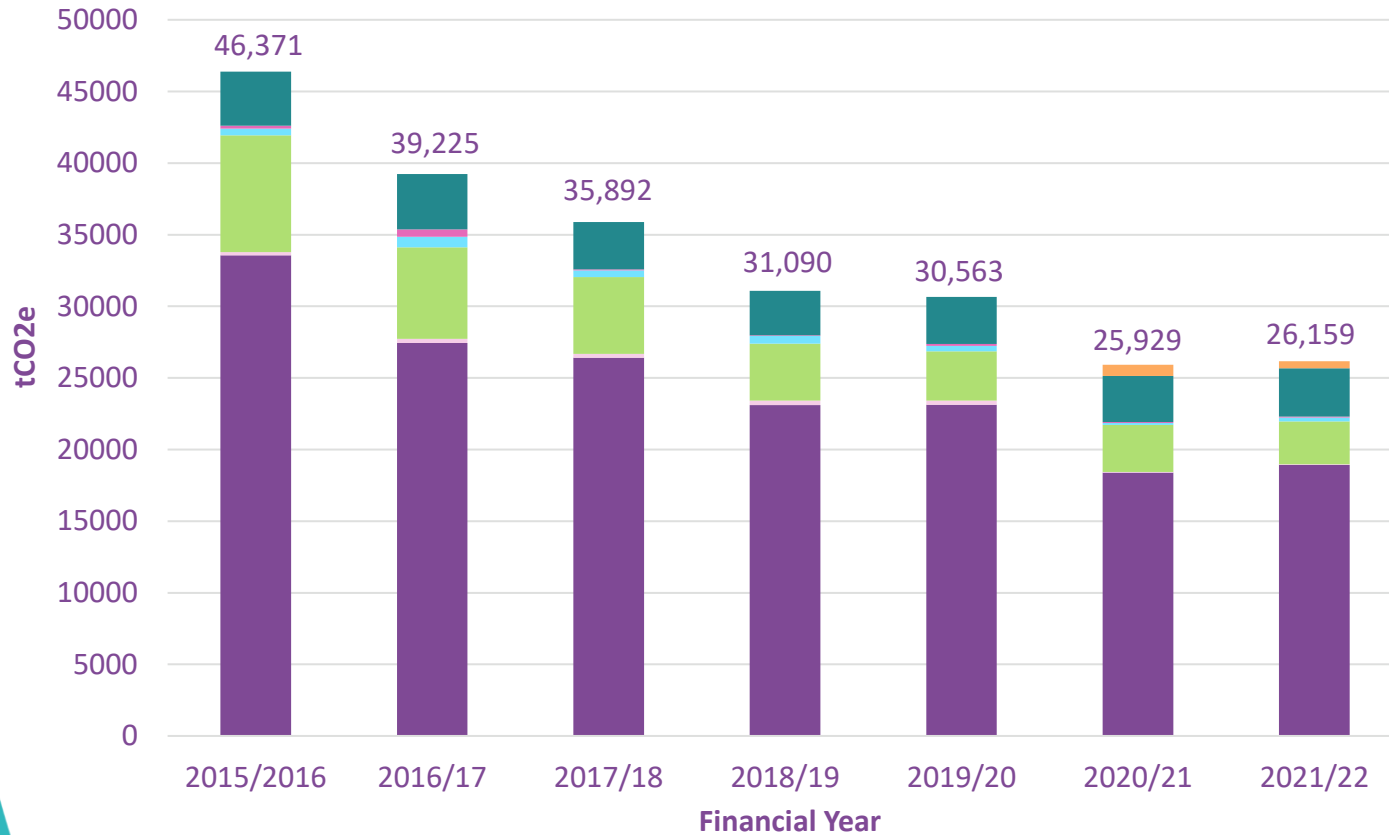


17th November 2022



Council Corporate Emissions Summary 21/22

Overall Emissions By Source [tCO2e] 2021-22









- Council Buildings
- Council Water
- Council Street Lighting
- Council Staff Travel
- Council Internal Waste
- Council Fleet
- Council Home Working

- From 2015/16 (baseline year) to 2020/21 there has been a continued reduction in corporate emissions (tonnes of carbon dioxide equivalent – tCO2e).
- In 2021/22 corporate emissions rose by 1% compared to 2020/21 due to an increase in activity as Covid 19 restrictions eased.

Our emissions have reduced by 43.6% against reporting baseline of 2015/16

Council Corporate Emissions Summary 21/22



Emissions Source	Comparison of 19/20 and 21/22
Buildings	- 18% 
Water	-78% 
Street Lighting	-13% 
Staff Travel	-34% 
Internal Waste	-43% 
Fleet	+2% 
Home Working	N/A

- 21/22 emissions decreased compared to 19/20 in six out of seven sources, except for fleet. However, work is taking place to make further transitions within the fleet.
- Street lighting is the only source of emissions which has, by and large, not experienced impacts from COVID-19. There has been a reduction of 9% in 2021/22 from the previous year, a seventh continuous year of emissions reduction, and a 63% fall from the baseline year (2015/16).

Emissions are on track to achieve the interim target of a 48% reduction by 2025

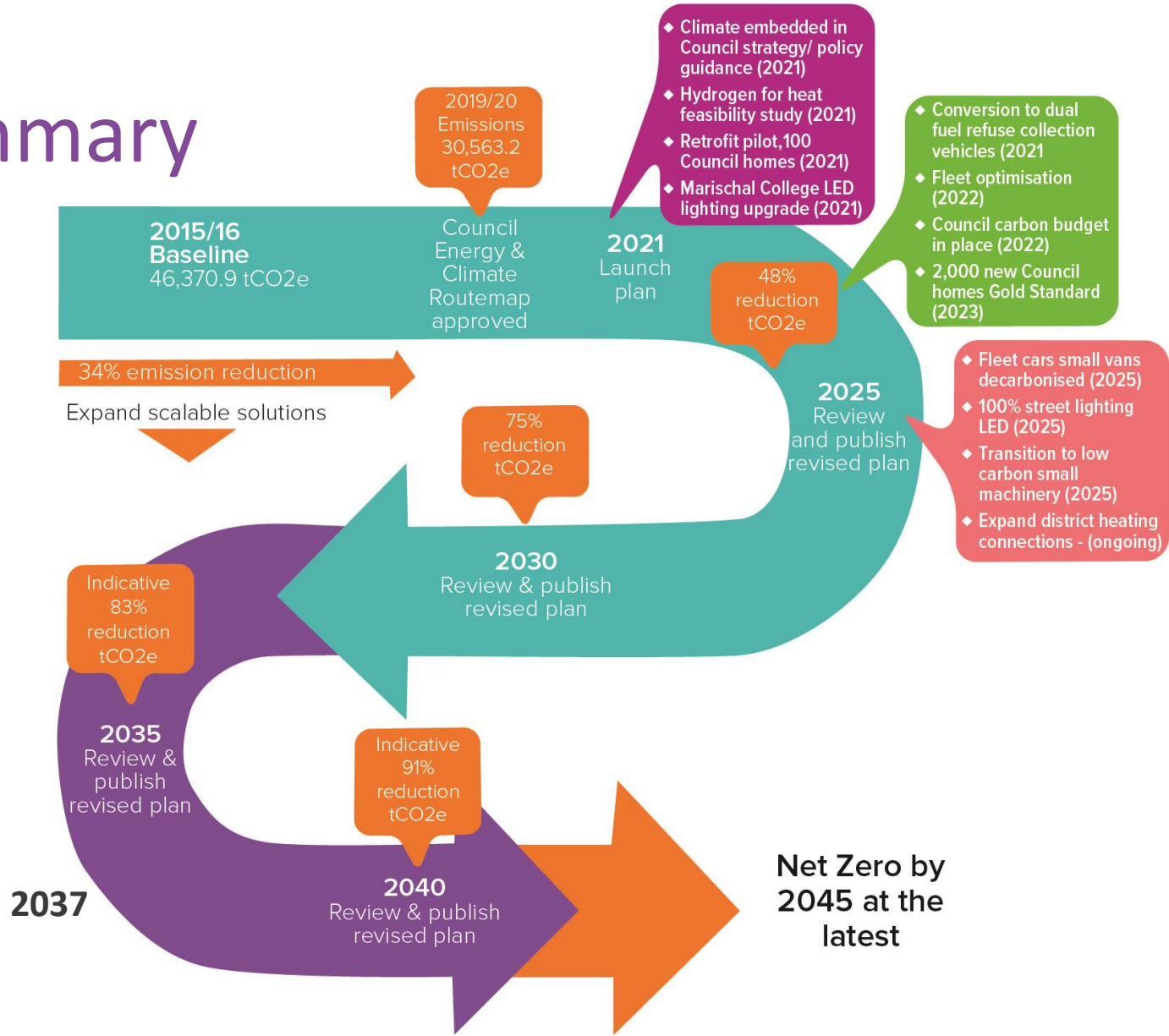
*Due to Covid 19, 20/21 not considered a representative year.

Council Climate Change Plan



- Approved March 2021
- The Council aims to be an exemplar for net zero and climate resilience, through actions to reduce carbon emissions and measures to manage the climate risks to our assets and operations.
- **Net zero corporate carbon emissions by 2045 at the latest**
 - Interim targets:
 - *48% reduction (at least) by 2025*
 - *75% reduction (at least) by 2030*

Plan summary



Themes



Buildings	Mobility	Other Operations	Leadership & Governance	Awareness & Behaviour Change
Council buildings & Council housing	Fleet & staff travel	Street lighting, internal waste, nature based action	Processes, procurement and decision making	Communications, participation and training

Operational

Enabling

1st Year Council Climate Change Plan Progress 21/22

BUILDINGS THEME



283 Council Homes at Wellheads, Dyce.
Including new and expanding connections to district heating.



Wellheads, Dyce



Project Doric underway: 50 social houses commenced fabric improvement with installation of zero carbon technologies.



Torry Heat Network – commenced.
Connecting 300 homes & 5 public buildings to EfW plant. Completion due 2026



Milltimber Primary School complete.
District Heating connection in progress.



Milltimber School, opening day.

1st Year Council Climate Change Plan Progress 21/22



MOBILITY THEME



8 EV chargers installed for 16 Council vehicles.



Arrival of 1st Hydrogen fuel cell electric waste vehicle (HECTOR).



3 hybrid waste vehicles were converted from existing Council fleet.



49 low emission vehicles introduced to the fleet.
8% of Council fleet is now low emission.



HECTOR pilot, part of the Fleet Replacement Programme.

1st Year Council Climate Change Plan Progress 21/22

OTHER OPERATIONS THEME



'Achievement' Award Craster.

Nourishing Your Community Awards.

'Outstanding' Green Solutions

more green space for nature

Wright Award: Sustainability.

wetlands, woodlands, wildlife.

Green Flags, 7 sites.

Well managed parks and green spaces.



Woodside Primary's "Wee Foresters" in honour of The Queen's Platinum Jubilee.



20,000 trees planted in the city, including 500 street trees.



28 'Its Your Neighbourhood' groups involved in 21/22. More than any other Scottish council.



The Countryside Rangers Team received refresher training to control non-native species.



The EU Score Project: using data to improve flood protection with the Peterculter community. Smart tech installed.



Maidencraig Flood Management and Wetland Scheme completion reducing flood risk downstream.



Sustainable Growth Agreement progressing with SEPA and Scottish Water, mapping blue/ green infrastructure sites.



LED Streetlighting lanterns 70% complete Est. to save 352tCo2 emissions per year.

1st Year Council Climate Change Plan Progress 21/22



LEADERSHIP & GOVERNANCE THEME



Climate Change and environment is now embedded in the Council Policy and Committee Report template and guidance.



Council's adaptation progress monitored against the nationally produced Adaptation Capability Framework.



Council carbon budget approved. Phased rollout taking place.



Commercial and Procurement Shared Service (CPSS) continued to engage actively in the net zero/sustainable procurement agenda at a local, regional and national level.



A full strategic climate risk assessment completed, capturing the risks of most significant threats to the achievement of organisational outcomes and the potential to cause failure of service delivery.

1st Year Council Climate Change Plan Progress 21/22



AWARENESS & BEHAVIOUR CHANGE THEME



Dedicated 'Green Workplace' intranet page.



Smarter Working project has encouraged staff to consider the environmental benefits of new ways of working during the pandemic.



Growing staff network.
63 Green Champions,
participating in 7 activities.



Carbon Literacy training was introduced to Elected Members and Senior Managers. Further cohorts to be released.



External social media **#didyouknow** campaign during COP26 sharing 30 posts on Council corporate platforms.



Capacity and capability audit commenced to identify staff learning/training gaps regarding meeting our climate change commitments.



Climate Change Student Group President assembled, with 150k Council funding to spend on initiatives

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COMMITTEE	Net Zero, Environment and Transport Committee
DATE	17 November 2022
EXEMPT	No
CONFIDENTIAL	No
REPORT TITLE	Net Zero, Environment and Transport Performance Report
REPORT NUMBER	CUS/22/238
DIRECTOR	Andy MacDonald
CHIEF OFFICER	Martin Murchie
REPORT AUTHOR	Louise Fox
TERMS OF REFERENCE	7

1. PURPOSE OF REPORT

- 1.1 To present Committee with the status of appropriate key performance measures relating to the services falling within its remit (Environment, Fleet, Roads and Infrastructure, Waste).

2. RECOMMENDATION

- 2.1 That the Committee note the report and provide comments and observations on the performance information contained in the report Appendix.

3. CURRENT SITUATION

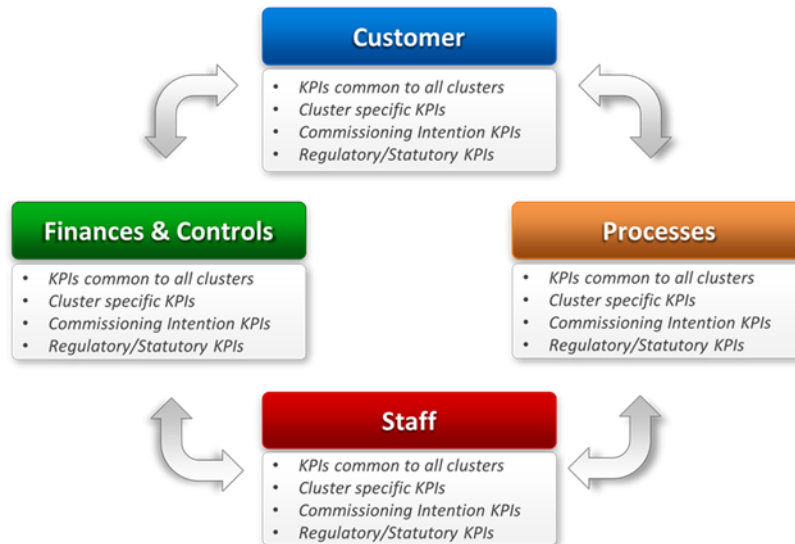
Report Purpose

- 3.1 This report is to provide members with appropriate key performance measures in relation to the Operations (non-Education) function as expressed within the 2022/23 Council Delivery Plan.

Report Structure and Content

- 3.2 Performance Management Framework Reporting against in-house delivery directly contributing to, or enabling delivery against, the city's Local Outcome Improvement Plan, (LOIP) has informed development of successive Council Delivery Plans, including the 2022/23 Council Delivery Plan that was agreed by Council on the 7th March 2022.
- 3.3 The Council's Performance Management Framework, supporting and enabling scrutiny against progress of the Council Delivery Plan and its key measures, establishes a robust performance management and reporting system which encompasses single and multi-service inputs, outputs and outcomes.
- 3.4 Service standards against each function/cluster, associated with Council delivery planning, offer continuous insight into the effectiveness, and accessibility of core service provision to the Council's stakeholders and city communities.

- 3.5 Where appropriate, data capture against these standards is now directly incorporated within the suite of metrics contained within Appendix A and will be reported against on either a monthly, quarterly or annual basis. These will be updated for future cycles to include any new or amended standards for 2022/23.
- 3.6 The Performance Management Framework provides for a consistent approach within which performance will be reported to Committees. This presents performance data and analysis within four core perspectives, as shown below, which provides for uniformity of performance reporting across Committees.






- 3.7 This report, as far as possible, details performance up to the end of September 2022 or Quarter 2 2022/23, as appropriate.
- 3.8 Appendix A provides an overview of performance across the services listed at 1.1 which all fall within the Operations and Protective Services cluster, with reference to recent trends and performance against target. It also includes, at appropriate points in the Appendix, further analysis of performance measures which have been identified as of potential interest in terms of either performance implications, data trends or changes in these metrics. These are listed below:

- Percentage of all streetlight repairs completed within 7 days

- 3.9 Within the summary dashboard the following symbols are also used:

Performance Measures

Traffic Light Icon

-  On target or within 5% of target
-  Within 5% and 20% of target and being monitored
-  Below 20% of target and being actively pursued

 Data only – target not appropriate

If narrative analysis of progress against service standards is provided, it will be attributed a RAG status by the relevant Service Manager, these are defined as follows:

RAG Status

- **GREEN** – Actions are on track with no delays/issues emerging
- **AMBER** – Actions are experiencing minor delays/issues emerging and are being closely monitored
- **RED** – Actions are experiencing significant delays/issues with improvement measures being put in place

Children’s Rights

3.10 This report contains no recommendations or content that require for the direct accounting of impact on children’s rights.

4. FINANCIAL IMPLICATIONS

There are no direct financial implications arising out of this report.

5. LEGAL IMPLICATIONS

There are no direct legal implications arising out of this report.

6. ENVIRONMENTAL IMPLICATIONS

There are no direct environmental implications arising out of this report

7. RISK

The assessment of risk contained within the table below is considered to be consistent with the Council’s Risk Appetite Statement.

Category	Risks	Primary Controls/Control Actions to achieve Target Risk Level	*Target Risk Level (L, M or H) *taking into account controls/control actions	*Does Target Risk Level Match Appetite Set?
Strategic	None	NA	NA	NA
Compliance	No significant legal risks.	Publication of service performance information in the public domain ensures that the Council is meeting its legal obligations in	L	Yes

		the context of Best value reporting.		
Operational	No significant operational risks.	Oversight by Elected Members of core employee health and safety/attendance data supports the Council's obligations as an employer	L	Yes
Financial	No significant financial risks.	Overview data on specific limited aspects of the cluster's financial performance is provided within this report	L	Yes
Reputational	No significant reputational risks.	Reporting of service performance to Members and in the public domain serves to enhance the Council's reputation for transparency and accountability.	L	Yes
Environment / Climate	None	NA	NA	NA

8. OUTCOMES

<u>COUNCIL DELIVERY PLAN</u>	
	Impact of Report
Aberdeen City Council Policy Statement	None
Aberdeen City Local Outcome Improvement Plan	
Prosperous Economy Stretch Outcomes	The Council aims to support improvement in the local economy to ensure a high quality of life for all people in Aberdeen. This report monitors indicators which reflect current economic activity within the City and actions taken by the Council to support such activity.
Prosperous People Stretch Outcomes	The Council is committed to improving the key life outcomes of all people in Aberdeen. This report monitors key indicators impacting on the lives of all citizens of Aberdeen. Thus, Committee will be enabled to assess the effectiveness of measures already implemented, as well as allowing an evaluation of future actions which may be required to ensure an improvement in such outcomes.
Prosperous Place Stretch Outcomes	The Council is committed to ensuring that Aberdeen is a welcoming place to invest, live and visit,

	operating to the highest environmental standards. This report provides essential information in relation to environmental issues allowing the Committee to measure the impact of any current action.
Regional and City Strategies	None

9. IMPACT ASSESSMENTS

Assessment	Outcome
Impact Assessment	The recommendations arising from this report do not require that a full Impact Assessment is completed
Data Protection Impact Assessment	Not required

10. BACKGROUND PAPERS

Council Delivery Plan 21/22 – COM/21/054
 Council Delivery Plan 2022/23 – CUS/22/059
[Local Outcome Improvement Plan 2016-2026](#) (July 2021 Refresh)

11. APPENDICES

Appendix A – Performance Summary Dashboard

12. REPORT AUTHOR CONTACT DETAILS

Louise Fox
 Strategic Performance and Improvement Officer
lfox@aberdeencity.gov.uk

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Net Zero, Environment and Transport Committee Performance Report Appendix A

Operations and Protective Services

Environmental Services

1. Customer – Environmental Services

Performance Indicator	Q4 2021/22		Q1 2022/23		Q2 2022/23		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Total No. complaints received (stage 1 and 2) - Environment	11		28		27		
% of complaints resolved within timescale (stage 1 and 2) - Environment	81.8%		92.9%		63%		75%
% of complaints with at least one point upheld (stage 1 and 2) - Environment	18.2%		25%		18.5%		
Total No. of lessons learnt identified (stage 1 and 2) - Environment	0		1		1		

Performance Indicator	Q4 2021/22		Q1 2022/23		Q2 2022/23		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Number of Partners / Community Groups with links to national campaigns - Green Thread	118		149		142		

1. Processes - Environmental Services

Performance Indicator	Jul 2022		Aug 2022		Sep 2022		2022/23 Target
	Value	Status	Value	Status	Value	Status	
*Street Cleansing - LEAMS (Local Authority Environmental Audit Management System) (Conducted 3 times annually)	90.1%		Data not available				80%
Grounds - LAMS (Land Audit Management System)	87.5%		95%		98.5%		87%

Appendix A

Performance Indicator	Jul 2022		Aug 2022		Sep 2022		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Number of Complaints upheld by Inspector of Crematoria	0		0		0		0
% Outdoor play areas visited, inspected, and maintained to national standards on a fortnightly basis	100%		100%		100%		100%
% Water safety equipment inspected within timescale	100%		100%		100%		100%

2. Staff - Environmental Services

Performance Indicator	Q4 2021/22		Q1 2022/23		Q2 2022/23		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Accidents - Reportable - Employees (No in Quarter - Environment)	1		0		0		
Accidents - Non-Reportable - Employees (No in Quarter - Environment)	3		3		4		

Performance Indicator	Jul 2022		Aug 2022		Sep 2022		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Sickness Absence - Average Number of Days Lost - Environmental	10.3		10.4		10.4		10
Establishment actual FTE	326.13		323.34		322.96		

3. Finance & Controls - Environmental Services

Performance Indicator	Jul 2022		Aug 2022		Sep 2022		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Staff Costs - % Spend to Date (FYB)	32.8%		41%		49.1%		100%

1. Customer – Fleet and Transport

Performance Indicator	Q4 2021/22		Q1 2022/23		Q2 2022/23		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Total No. complaints received (stage 1 and 2) - Fleet	0		0		0		
% of complaints resolved within timescale (stage 1 and 2) - Fleet	No complaints Q4		No complaints Q1		No complaints Q2		75%
% of complaints with at least one point upheld (stage 1 and 2) - Fleet							
Total No. of lessons learnt identified (stage 1 and 2) - Fleet							

2. Processes – Fleet and Transport

Performance Indicator	Q4 2021/22		Q1 2022/23		Q2 2022/23		2022/23 Target
	Value	Status	Value	Status	Value	Status	
% HGV's achieving first time MOT pass	96.6%		100%		94.1%		100%
% Light Vehicles achieving first time MOT pass	90.1%		97.5%		91%		100%
% of Council fleet - alternative powered vehicles	10.8%		11.5%		11.5%		
% of Council fleet lower emission vehicles (YTD)	88.8%		88.1%		88.5%		100%

3. Staff – Fleet and Transport

Performance Indicator	Q4 2021/22		Q1 2022/23		Q2 2022/23		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Accidents - Reportable - Employees (No in Quarter - Fleet)	0		0		0		
Accidents - Non-Reportable - Employees (No in Quarter - Fleet)	0		0		0		

Performance Indicator	Jul 2022		Aug 2022		Sep 2022		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Sickness Absence - Average Number of Days Lost - Fleet	4.8		5.2		5.7		10
Establishment actual FTE	181.94		180.14		183.71		

4. Finance & Controls – Fleet Transport

Performance Indicator	Jul 2022		Aug 2022		Sep 2022		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Staff Costs - % Spend to Date (FYB)	33.5%		41.9%		50.3%		100%

Performance Indicator	Q4 2021/22		Q1 2022/23		Q2 2022/23		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Fleet Services - % of LGV/ Minibuses/ Small Vans Vehicles under 5 years old	63.24%		65.93%		66.75%		80%
Fleet Services - % of large HGV vehicles under 7 years old	85.44%		77.59%		77.39%		80%

Roads and Infrastructure

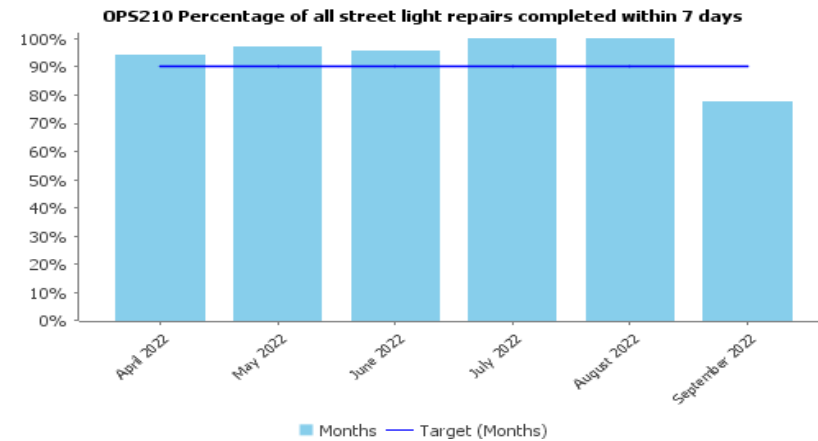
1. Customer - Roads

Performance Indicator	Q4 2021/22		Q1 2022/23		Q2 2022/23		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Total No. complaints received - Roads	28		20		12		
% of complaints resolved within timescale - Roads	75%		75%		50%		75%
% of complaints with at least one point upheld (stage 1 and 2) - Roads	64.3%		30%		25%		
Total No. of lessons learnt identified (stage 1 and 2) - Roads	1		0		1		

2. Processes - Roads

Performance Indicator	Jul 2022		Aug 2022		Sep 2022		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Percentage of all streetlight repairs completed within 7 days	100%	✓	100%	✓	77.5%	⚠	90%
Number of Street Light Repairs completed within 7 days	96	📊	128	📊	93	📊	
Potholes Category 1 and 2 - % defects repaired within timescale	94.61%	✓	100%	✓	100%	✓	95%
Potholes Category 1 and 2 - No of defects repaired within timescale	281	📊	166	📊	206	📊	

Percentage of all street light repairs completed within 7 days



Why is this important?

This indicator, along with others, monitors whether we are achieving our desired outcome of 'Improving Customer Experience', as outlined in the Shaping Aberdeen programme.

Benchmark Information:

Benchmarking against the figure of 86.01% for the same period in September of 2021 shows a slight drop in the current year. However, year to date performance of 93.92% (711 of 757 repairs completed on time) compares extremely favourably with 2021/22 annual performance of 79.47% on time. Prior to September, performance was maintained at 100% for both July and August. Benchmarking data for 2020/21 obtained from APSE shows that the family group average for this PI in that period was 79.67% with a Scotland wide average of 80.89%. Aberdeen City's performance for the same period was 77.37%. This is the most recent national benchmarking data currently available.

Target:

The target for this indicator for 2022/23 has been maintained at 90%.

This is what the data is saying:

Following last month's satisfying result of 100% in August, successively surpassing the target figure for the 6th month of the last 7, demonstrates that by continuing to address previous issues and remaining in control of service processes, a rewarding performance can be achieved.

This is the trend:

The overall trend continues to move in a positive direction and regularly hits the target figure of 90% or above.

This is the impact:

The rollout of the LED replacement programme continues to have a positive impact in reducing the number of faults due to their enhanced reliability. With usual seasonal issues arising in shorter daylight hours in conjunction with losing key members of staff, September has proven to be an exceptionally challenging month, and although it has had an impact on outcomes, this should not be cause for concern. Every effort is being made to allocate resources successfully in order to carry out repairs within the target timescale and return performance to the recent exceptional levels achieved.

These are the next steps we are taking for improvement:

The service continues to monitor and evaluate monthly performance to allow for the identification of any arising issues and will implement corrective actions as required.







Responsible officer:







George Collie

Last Updated:




September 2022

3. Staff - Roads

Performance Indicator	Q4 2021/22		Q1 2022/23		Q2 2022/23		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Accidents - Reportable - Employees (No in Quarter - Roads)	0		1		0		
Accidents - Non-Reportable - Employees (No in Quarter - Roads)	1		2		1		













Performance Indicator	Jul 2022		Aug 2022		Sep 2022		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Sickness Absence - Average Number of Days Lost - Roads	9.8		10.4		10.9		10
Establishment actual FTE	156.44		154.18		154.36		

4. Finance & Controls - Roads





Performance Indicator	Jul 2022		Aug 2022		Sep 2022		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Staff Costs - % Spend to Date (FYB)	28.7%		35.7%		42.1%		100%

Waste Services




1. Customer - Waste

Performance Indicator	Q4 2021/22		Q1 2022/23		Q2 2022/23		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Total No. complaints received - Waste	38		48		40		
% of complaints resolved within timescale - Waste	76.3%%		87.5%		82.5%		75%
% of complaints with at least one point upheld (stage 1 and 2) - Waste	71.1%		68.8%		67.5%		
Total No. of lessons learnt identified (stage 1 and 2) - Waste	0		3		1		







2. Processes – Waste







Performance Indicator	Q4 2021/22		Q1 2021/22		Q2 2022/23		2022/23 Target
	Value	Status	Value	Status	Value	Status	
*% Waste diverted from Landfill	90.2%		88.6%		Data unavailable		85%
*Percentage of Household Waste Recycled/Composted	44.2%		48.1%				50%

*% Waste diverted from Landfill/% Household Waste Recycled/Composted – These figures are intended and used for internal monitoring purposes only.




Performance Indicator	Jul 2022		Aug 2022		Sep 2022		2022/23 Target
	Value	Status	Value	Status	Value	Status	
% Overflowing Communal Bin Enquiries responded to within 2 working days	73.5%		86.7%		88%		100%

3. Staff – Waste





Performance Indicator	Q4 2021/22		Q1 2022/23		Q2 2022/23		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Accidents - Reportable - Employees (No in Quarter - Waste)	1		0		0		
Accidents - Non-Reportable - Employees (No in Quarter - Waste)	0		2		5		

Performance Indicator	Jul 2022		Aug 2022		Sep 2022		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Sickness Absence - Average Number of Days Lost - Waste	9.3		9.3		9.2		10
Establishment actual FTE	181.94		180.14		183.71		

4. Finance & Controls – Waste

Performance Indicator	Jul 2022		Aug 2022		Sep 2022		2022/23 Target
	Value	Status	Value	Status	Value	Status	
Staff Costs - % Spend to Date (FYB)	33.5%		41.9%		50.7%		100%

Traffic Light Icons Used

	On target or within 5% of target
	Within 5% and 20% of target and being monitored
	Below 20% of target and being actively pursued
	Data only – target not appropriate

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