



Meeting	Authority Meeting
Date	26 September 2024
Location	COSLA, Edinburgh
Title of Paper	Annual Climate Change Activity Report
Presented By	James Gray, Chief Financial Officer
Recommendation to Members	For discussion
Appendix Attached	Yes: Appendix A – 2023/24 PBCCDR Update

PURPOSE

The purpose of this report is to provide Members with an update on the Climate Change Duties for the financial year 2023-24.

This paper is presented for Discussion.

1. BACKGROUND

- 1.1 In 2020 Police Scotland closed out its Carbon Management Plan. This five-year plan was successful in achieving 25% (+ 2%) savings on the carbon baseline of the organisation measured in 2013. However, in reviewing the plan, it was clear that we needed to widen our scope of carbon reduction action to a wider action approach.
- 1.2 Therefore, in 2021 the Environmental Strategy (ES) was enacted. This five-year Strategy addresses our three focus areas in reducing our environmental impact – our organisation, our people, and our communities. Table 1 provides further information on each of these focus areas.

Focus	Key actions
Organisation	<ul style="list-style-type: none"> • Decarbonisation of our Fleet through complete transition to EV by 2029, based on the Fleet Strategy 2019 • Building disposal, co-location, and refurbishment, based on the Estates Strategy 2019 • Increase in our capacity to generate our own electricity through installation of PV arrays. • Overall waste reduction and increase in proportion of waste diverted from landfill. • Continue to focus on water efficiency by working to reduce leaks and repair infrastructure to avoid unnecessary consumption.
People	<ul style="list-style-type: none"> • Better communication of information to officers and staff through the intranet and other engagement work. • Creation of a Green Leaders Network to champion and communicate sustainability work throughout the organisation. • Continuing with our Small Action, Big Impact campaign to improve energy and resource awareness throughout the organisation. • Creation of the Environmental Sustainability Board to increase the profile of our sustainability work and ensure that we have good governance over related issues.
Communities	<ul style="list-style-type: none"> • Collaborating with our Community Planning Partners to ensure that we learn and share knowledge with these organisations and capitalise on any opportunities for shared projects. • Working with Local Authorities to provide information related to Local Heat and Energy Efficiency Strategies. • Investigate all opportunities for district heat network connections that may exist within specific areas.

Table 1 – Strategy focus

In addition to the aims of the Environmental Strategy, we continue to review our legislative responsibilities under the Climate Change (Scotland) Act 2009. Which requires us to undertake the following work:

- Act in as sustainable a way as possible. This is covered by Clause 4 of the Act, titled "Public Bodies Duties". These duties also require us to:
- Submit an annual Climate Change Report to the Scottish Government every November based on our sustainability work in the previous financial year.
- Create an Adaptation Plan focussing on how we will improve our climate resilience.
- Create a Net Zero Plan, detailing our approach to achieving Net Zero emissions by the legislated national target date of 2045.

2. FURTHER DETAIL ON THE REPORT TOPIC

Public Bodies Climate Change Reporting

- 2.1 Public bodies in Scotland are required to submit an annual report to the Scottish Government no later than 30 November each year.
- 2.2 The 2023/24 submission will mark the eleventh annual report from Scottish Police Authority / Police Scotland, and it will show a ninth consecutive reduction in our carbon emissions. Total emissions for the year ending 31 March 2024 are 39,377 tCO₂(e).
- 2.3 As a consequence of how mandatory reporting of public bodies was originally legislated for, we are obliged to submit two annual Reports, the first in the name of "The Scottish Police Authority" (SPA) and the second in the name of "The Chief Constable of the Police Service of Scotland".
 - The report in the name of "The Scottish Police Authority" contains all details and data. This report is signed by the Chief Executive of the SPA before submission to the Scottish Government.
 - The report in the name of "The Chief Constable of the Police Service of Scotland". contains no detail or data and cross-refers to "The Scottish Police Authority" Report. The report is left blank in order to avoid double counting. This has been agreed with the scheme administrator, Sustainable Scotland Network.

This report is signed by the Chief Constable of Police Scotland before submission to the Scottish Government.

- Both reports require signatures to confirm that they have executive approval and have gone through the relevant governance processes.

Emissions Reduction (Mitigation)

- 2.3 We record our emissions in three main scopes. This allows us to track different sources of emissions to understand how key projects and programmes are reducing our environmental impact. Each of the scopes are detailed in Appendix 1.
- 2.4 For all 3 scopes, our total “reportable” emissions for FY 2023/24 is 38,678 tCO₂e. This represents a 21.68% reduction on emissions in comparison with 2019/20, our reference year as identified in our Environmental Strategy.

Primary Reduction Sources and Impact

- 2.5 There has been a consistent overall reduction since in our emissions since 2014/15 as detailed in Appendix 1 and this is due to the following:
- The Estates Strategy has been successful in disposing of several buildings and relocating to shared premises. The National Estates Plan will accelerate this work over the next five to ten years.
 - Continuing upgrade of heating, lighting and ICT infrastructure has helped to reduce consumption of gas and electricity across our portfolio.
 - Increasing renewable sources for electricity generation has meant a reduction in the carbon intensity of the power we consume.
 - Of our total Fleet complement of 3,400 vehicles, approximately one thousand have been replaced by Ultra Low Emission Vehicles (ULEVS). This has reduced our annual diesel consumption by approximately 1.7m litres.
 - We have incurred a slight increase in onsite energy generation due to implementation of PV arrays at certain sites during the strategy.
 - Whilst Covid lockdowns reduced numbers of building occupants, most of our sites remained open to accommodate functions that needed to be operated from Police buildings. This meant a small

decrease in electricity and gas consumption but did not resolve into large scale savings across our portfolio.

- Improvement in provision of waste and recycling bins across the estate.

Whilst our scope 1 emissions (direct emissions from activities owned or controlled by an organisation) have reduced, the rate of reduction has slowed. This is a pattern seen across Scotland's public sector organisations and recognised as such by the Cabinet Secretary for Net Zero and Energy.

Adaptation Implementation

- 2.6 Climate change adaptation recognises that even if all greenhouse gas emissions were to cease immediately, there would still be change within the climate system that would last for centuries. This means that as well as emission reduction, we must adapt our buildings, people, and processes to a changing climate. As an organisation, we are already adept at climate impact planning in terms of emergency response resilience, and public safety in the event of extreme weather. Our aim is to improve these processes out with the area of emergency response to ensure that we have increased resilience within our infrastructure.
- 2.7 In the reporting year we continued to maintain our business continuity and emergency planning procedures as standard. In collaboration with colleagues and departments, we have established the importance of climate change risk assessment and adaptation, to ensure that our existing plans take account of potential risks.
- 2.8 To support the implementation of the Strategy, the Sustainability Team has developed an Adaptation Assessment Tool. This tool will be used to review and provide climate impact risk assessment and advice in relation to our major building projects. The Team is currently testing this tool using the proposed Oban new build project as a test case.

Acting Sustainably

- 2.9 Partnership working with other public sector organisations and seeking to drive behavioural change through campaigns such as Police Scotland's "Small action, Big Impact" will encourage and promote acting sustainably. Our Green Leaders Network is a group

of volunteers within the organisation who champion and promote sustainability initiatives in their local stations.

Future Challenges

- 2.10 In the coming year we will take forward the following work that will help to fulfil our obligations as a public body to improve our environmental impact and behaviours:
- The finalisation of our Net Zero Plan that defines our pathway to 2045 and will incorporate our Fleet Strategy and Estates Masterplan;
 - Implement our Dalmarnock Travel Plan as a blueprint for an organisation wide approach to support sustainable commuting;
 - Work towards being a Zero Waste organisation through development of a Waste Plan.

3. FINANCIAL IMPLICATIONS

3.1 There are no financial implications within this report.

4. PERSONNEL IMPLICATIONS

4.1 There are no personnel implications in this report.

5. LEGAL IMPLICATIONS

5.1 There are legal implications in this report.

5.2 The implementation of the Environmental Strategy aims to meet Police Scotland and Scottish Police Authority's legislative responsibilities under the Climate Change (Scotland) Act 2009.

6. REPUTATIONAL IMPLICATIONS

6.1 There are reputational implications should Police Scotland and Scottish Police Authority fail to reduce our environmental impact as set out in the Climate Change (Scotland) Act 2009.

7. SOCIAL IMPLICATIONS

7.1 There are no social implications in this report.

8. COMMUNITY IMPACT

8.1 There are no community implications in this report.

9. EQUALITIES IMPLICATIONS

9.1 There are no equality implications in this report.

10. ENVIRONMENT IMPLICATIONS

10.1 There are no environmental implications in this report.

RECOMMENDATIONS

Members are asked to discuss and note the contents of this paper and associated appendix.



POLICE
SCOTLAND
POILEAS ALBA

SCOTTISH POLICE
AUTHORITY

Sustainability Update and Climate Change Report

September 2024

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Overview

Our responsibility

- As a Scottish Public Body, the Authority is required to comply with the Public Bodies Duties Regulations of the Climate Change (Scotland) Act 2009. These Duties require us to:
 - Report annually to the Scottish Government – **Climate Change Report**
 - Reduce greenhouse gas emissions – **Mitigation**
 - Adapt to a changing climate – **Adaptation**
 - “Act in a way considered most sustainable” – **Sustainable Development**

Our response

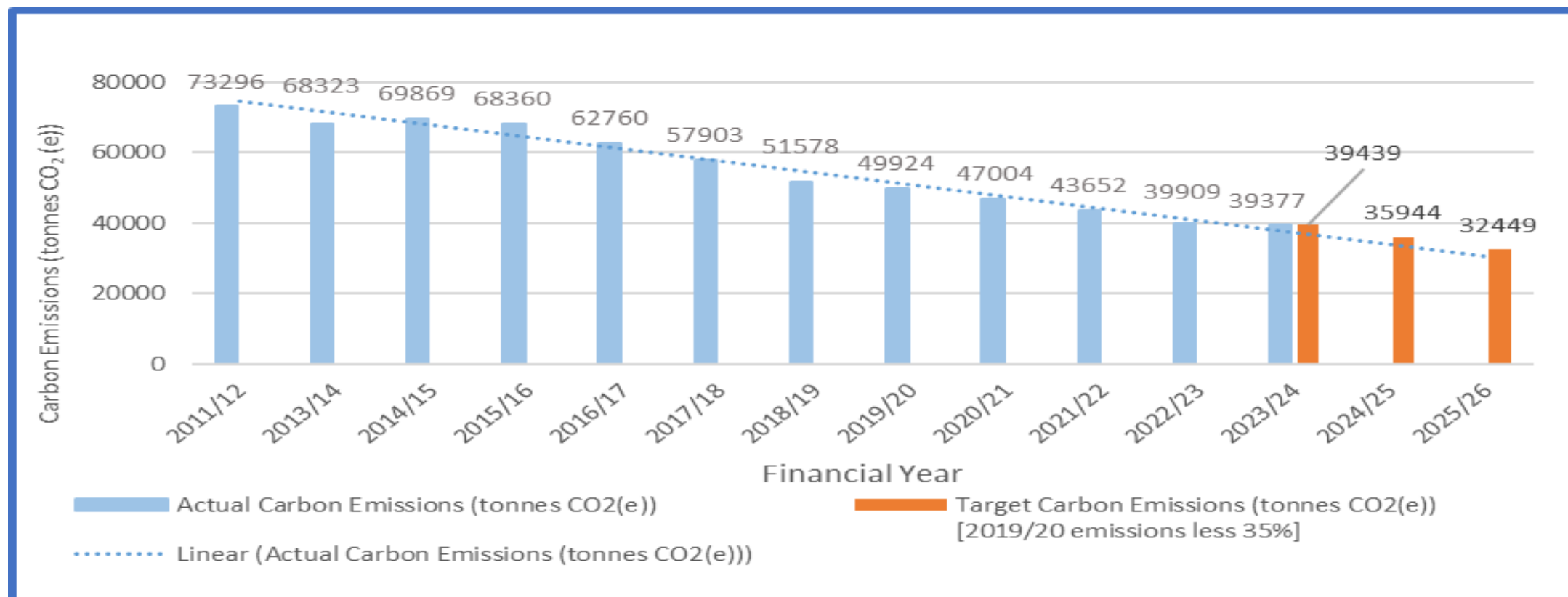
- In 2021 the Authority produced its Environmental Strategy. This stated:
 - An aim to reduce overall emissions by 35% by 2026 based on 2019/20 emissions, considering work done under the Estates and Fleet Strategies.
 - To improve sustainability behaviours throughout the organisation.
 - To improve partnership working with other public bodies.
- In response to subsequent Government requirements, we are in the process of
 - Finalising our Net Zero Plan
 - Finalising our Travel Plan for Dalmarnock
 - Creating a Waste Plan

Background and Purpose

- The Police Scotland Energy and Sustainability Teams have worked in conjunction with the SPA over the past 11 years to compile our annual Climate Change Report for approval and sign off by the SPA.
- These Teams have also collaborated with Forensic Services on support for environmental initiatives and energy audits.
- In February of this year, a comprehensive report on sustainability action and progress was submitted to the Policing Performance Committee. This provided a full update on work that has been actioned since the instigation of our Environmental Strategy.
- There is now agreement that in addition to submitting our Climate Change Report to SPA for signoff, we will provide an annual update on our climate change work and environmental progress contained within the report.
- This report constitutes that commitment, with an overview of our annual emissions and the governance, management and project work underpinning this data.

Public Bodies Climate Change Reporting

- Public bodies in Scotland are required to submit an annual to Scottish Government no later than 30th November each year.
- Reports to be submitted are:
 - Scottish Police Authority CCR (completed report)
 - The Chief Constable of the Police Service of Scotland CCR (left blank to avoid double counting).
 - Both Reports require signatures to confirm that they have Executive approval and have gone through the relevant governance processes.
- This year we will submit our 11th Report for the year 2023/24 and 9th consecutive reduction.

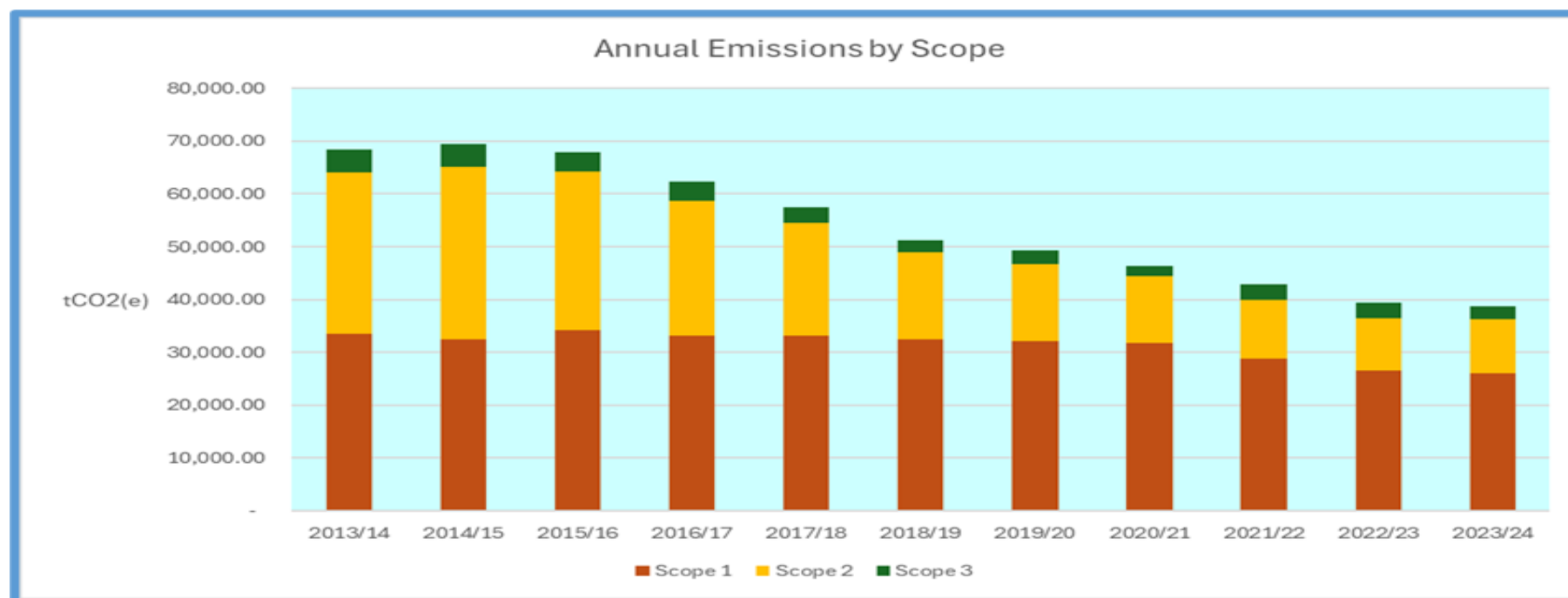


Emissions Reduction (Mitigation)

- We record our emissions in three main Scopes. This allows us to track different sources of emissions to understand how key projects and programmes are reducing our environmental impact. These are

Scope 1	Scope 2	Scope 3
<ul style="list-style-type: none"> • Gas • Diesel • Petrol • Heating oils 	<ul style="list-style-type: none"> • Electricity • Heat supplied by district networks 	<ul style="list-style-type: none"> • Water • Waste • Business miles

- The figure below shows how each Scope has changed over the past 10 years, with an overall reduction year on year since 2014/15.



- We continue to reduce our emissions and remain on target to achieve the target set out in the Environmental Strategy of 35% reduction by 2026 based on our baseline year of 2019/20.

Primary Reduction Sources and Impact

- The **Estates Strategy (2019)** was successful in disposing of several buildings and relocating to shared premises.
- The **Estates BAU Capital Plan** ensures continued upgrade of heating, lighting and building fabric across the Estate.

14% reduction in annual electricity consumption in our buildings from 2019. Includes increase in EV consumption. Equivalent to **4,782 tCO₂e**

15% reduction in annual gas consumption from 2019. Equivalent to **2,357tCO₂e**

- Of a total of 3,400 vehicles, one thousand have been replaced by Ultra Low Emission Vehicles (ULEVS) through the delivery of the **Fleet Strategy (2019)**.

Reduction in annual diesel consumption of 1.7m litres. Equivalent to **4,449tCO₂e**

- We have incurred a slight increase in onsite energy generation due to implementation of **PV arrays** at 13 sites.

196,676 kWh generated from our PV installation. Saved the equivalent of **54tCO₂e**.

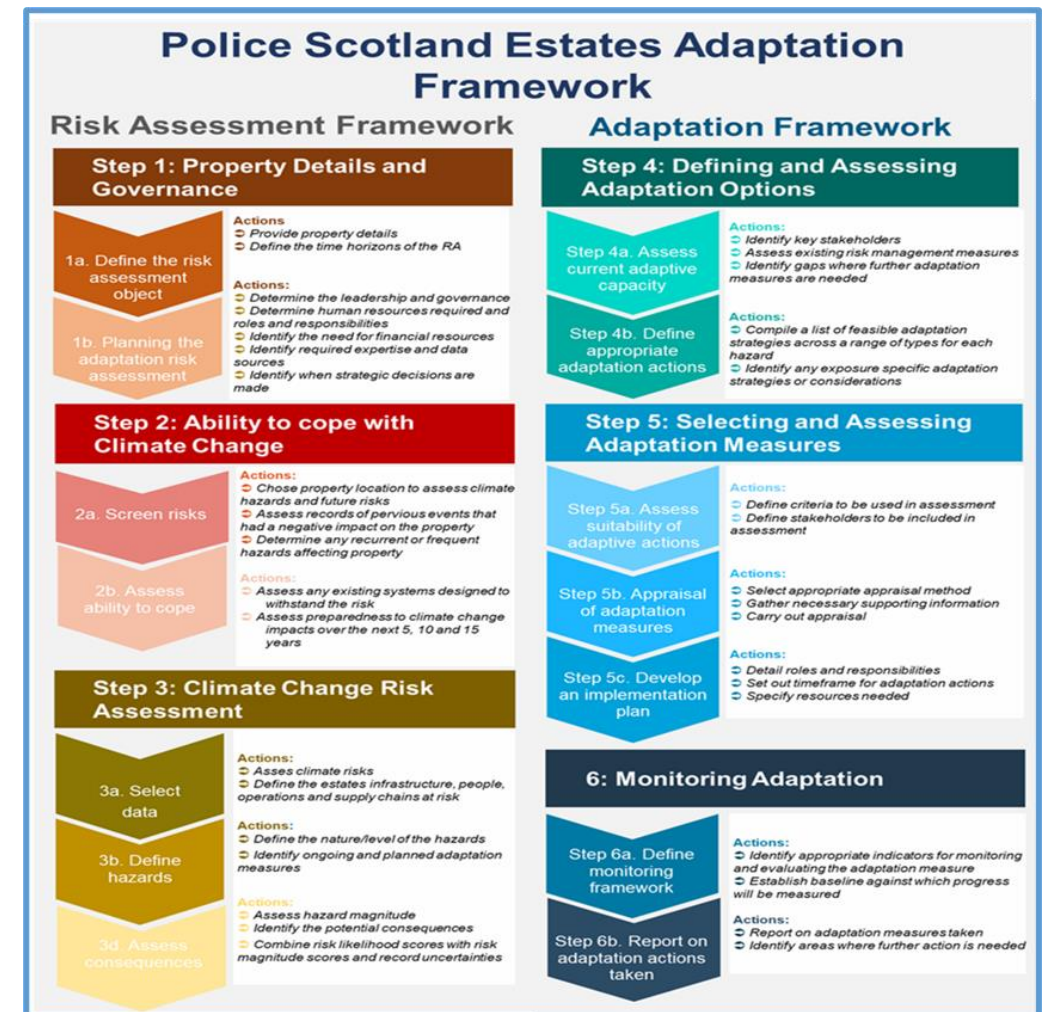
- Increasing sources of **renewable generated grid electricity** has reduced the carbon intensity of the electricity that we purchase

19% drop in carbon intensity of grid supplied electricity. This means that approximately half of our carbon reduction from electricity is due to this factor change.

Adaptation Implementation

- The Authority has created an Adaptation Strategy and Assessment Tool to assist in planning and building climate resilience into our Estates operations and Master Plan.

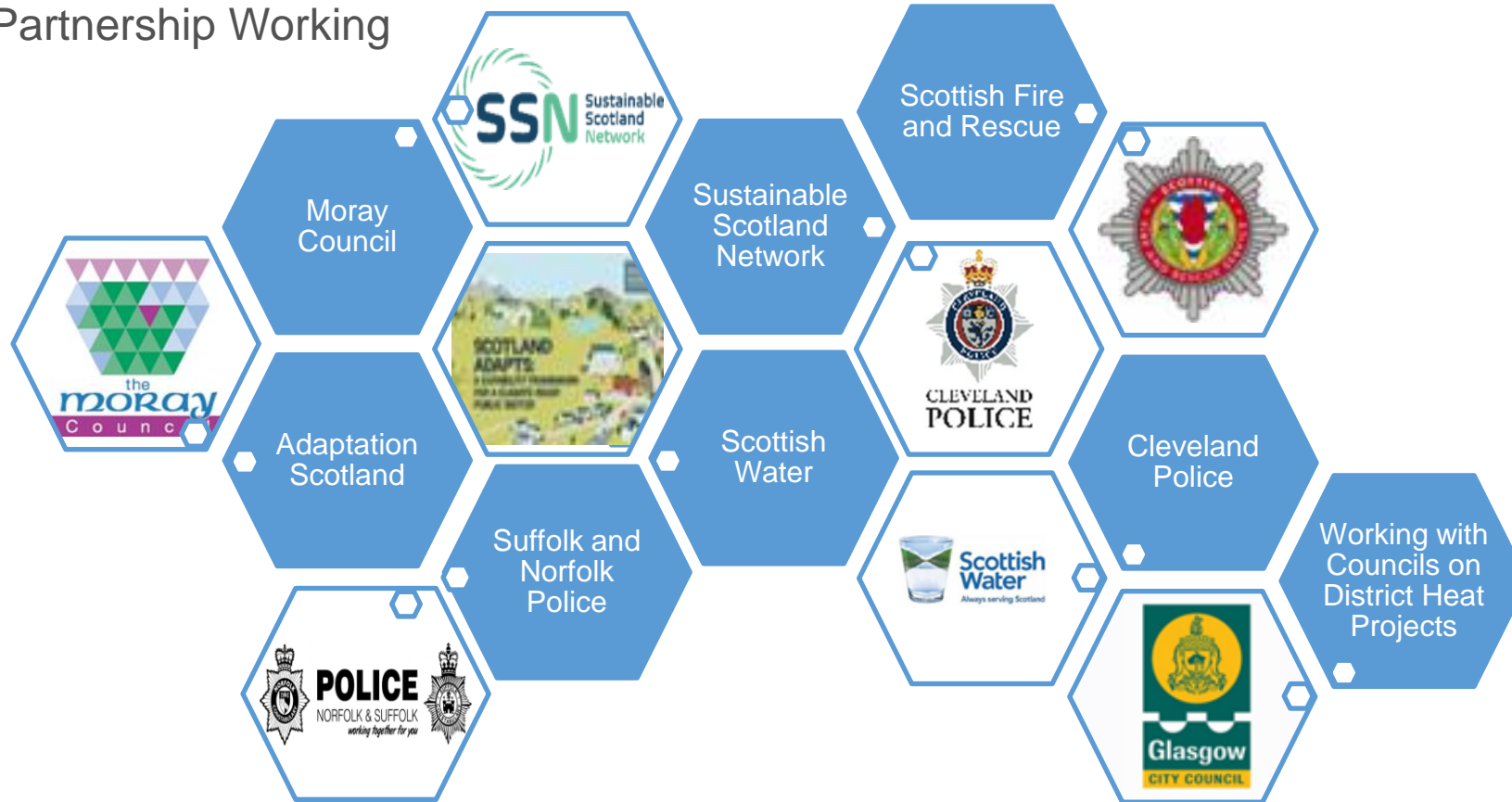
Duty - Adaptation



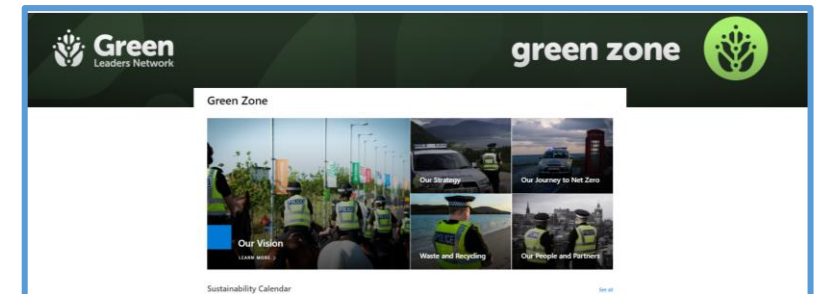
- The Assessment Tool is currently being tested using proposed design phase of Estates projects. The outcome of this will help to further develop and finalise the tool to support the delivery of the Estates Masterplan.

Acting Sustainably

Partnership Working



Behaviour Change

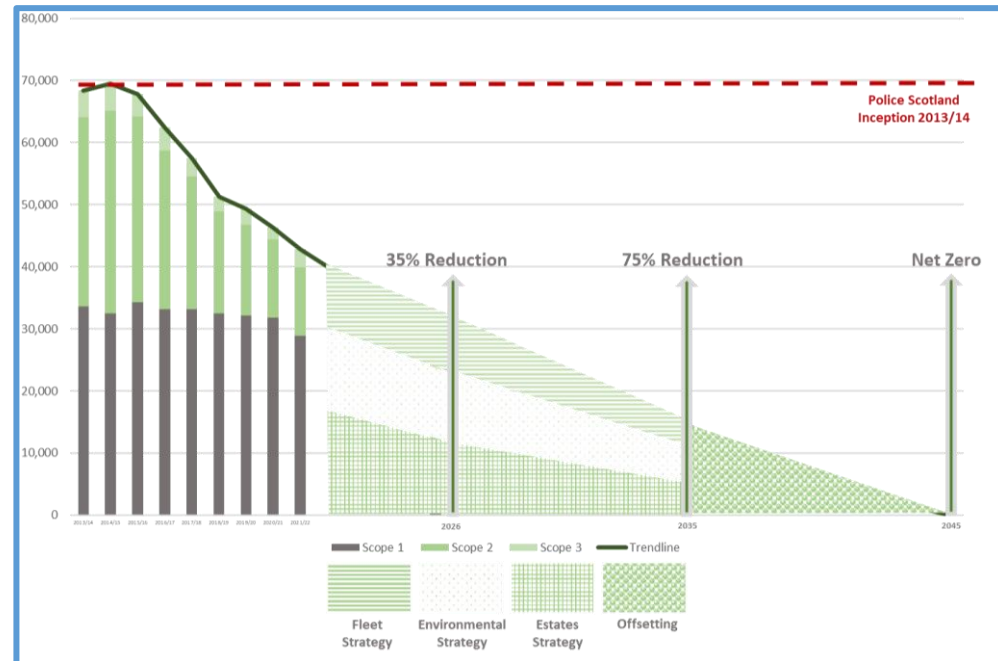


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Future Challenges

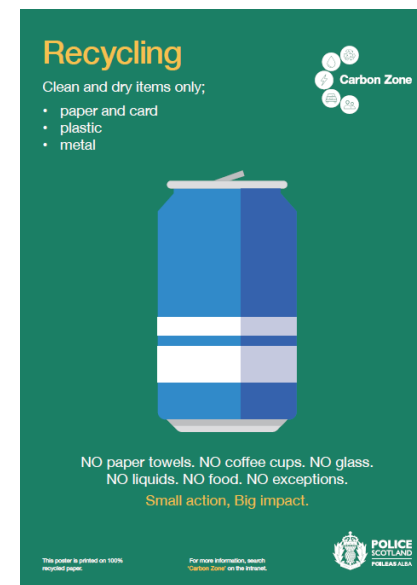
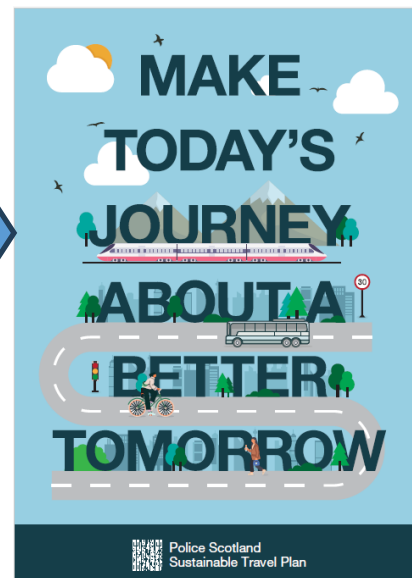
Future Challenges

Finalise our Net Zero Plan that defines our pathway to 2045 incorporating our Fleet Strategy and Estates Masterplan.



- Fabric first
- Remove fossil fuels
- Increase renewables

Implement our Dalmarnock Travel Plan as a blueprint for an organisation wide approach.



Work towards being a Zero Waste organisation through development of a Waste Plan.