

JAC update

Fleet & Estate transformation

Delivery against our
environmental ambitions

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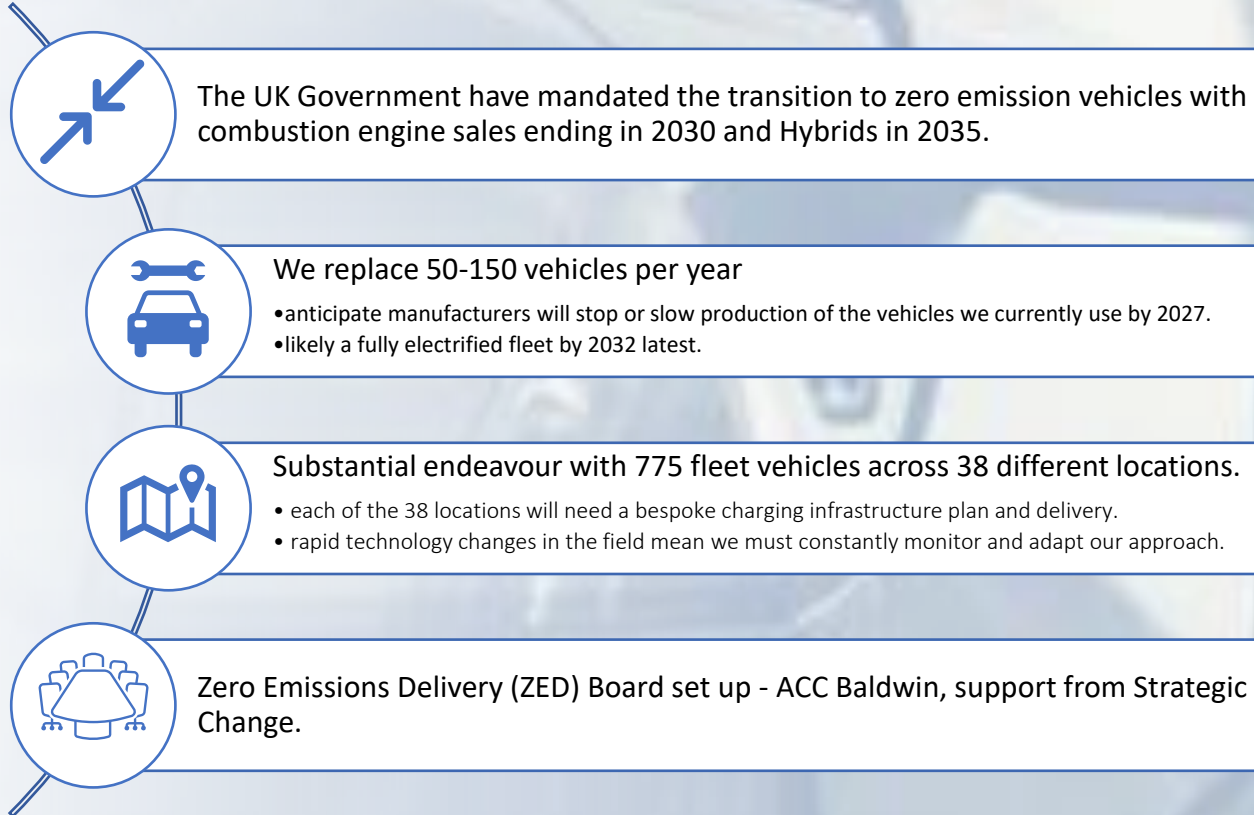
Zero Vehicle Emissions Strategy

An outline of the Force's strategy in relation to transitioning our vehicle fleet to zero emissions, and the guiding principles for the work of the Zero Emissions Delivery Board:

We will...

- transition Essex Police vehicle fleet from ICE (internal combustion engine) vehicles to electric and/or alternative greener fuel options in line with Government requirements.
- provide supporting charging infrastructure within Essex Police estate to support transition and adaptation to future technological advancement.
- work with partners to organise collaborative infrastructure arrangements that meet organisational need.
- provide direction around driver behaviour, training and support that complements the transition and cultural change requirements.
- develop information technology that supports operational policing (*fleet management*)*.

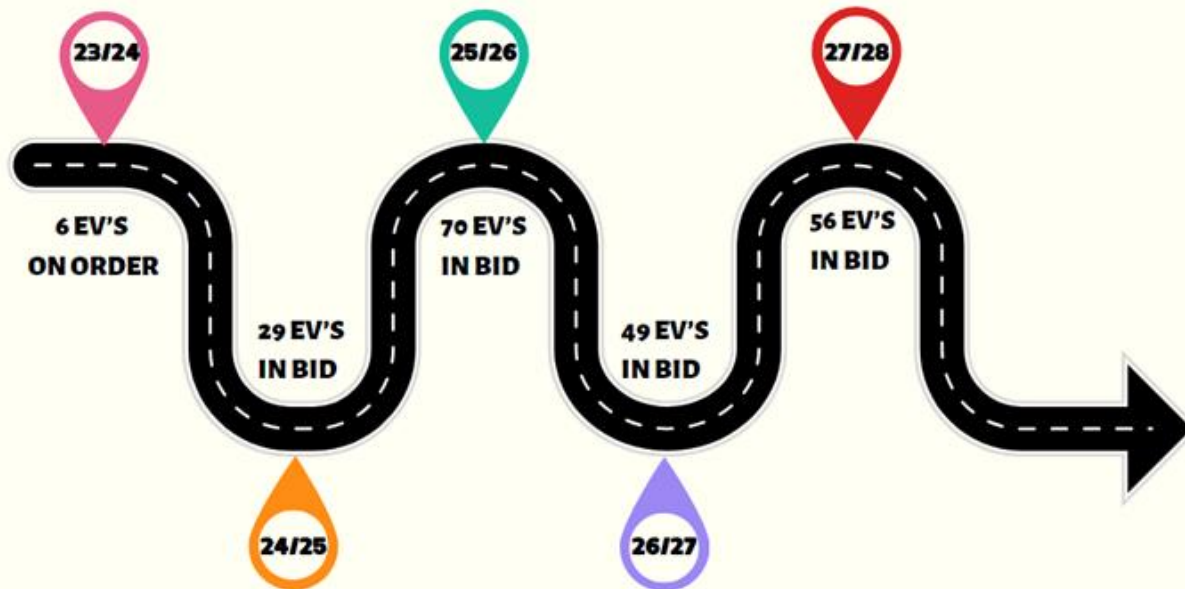
Context and Approach



Current Fleet Status

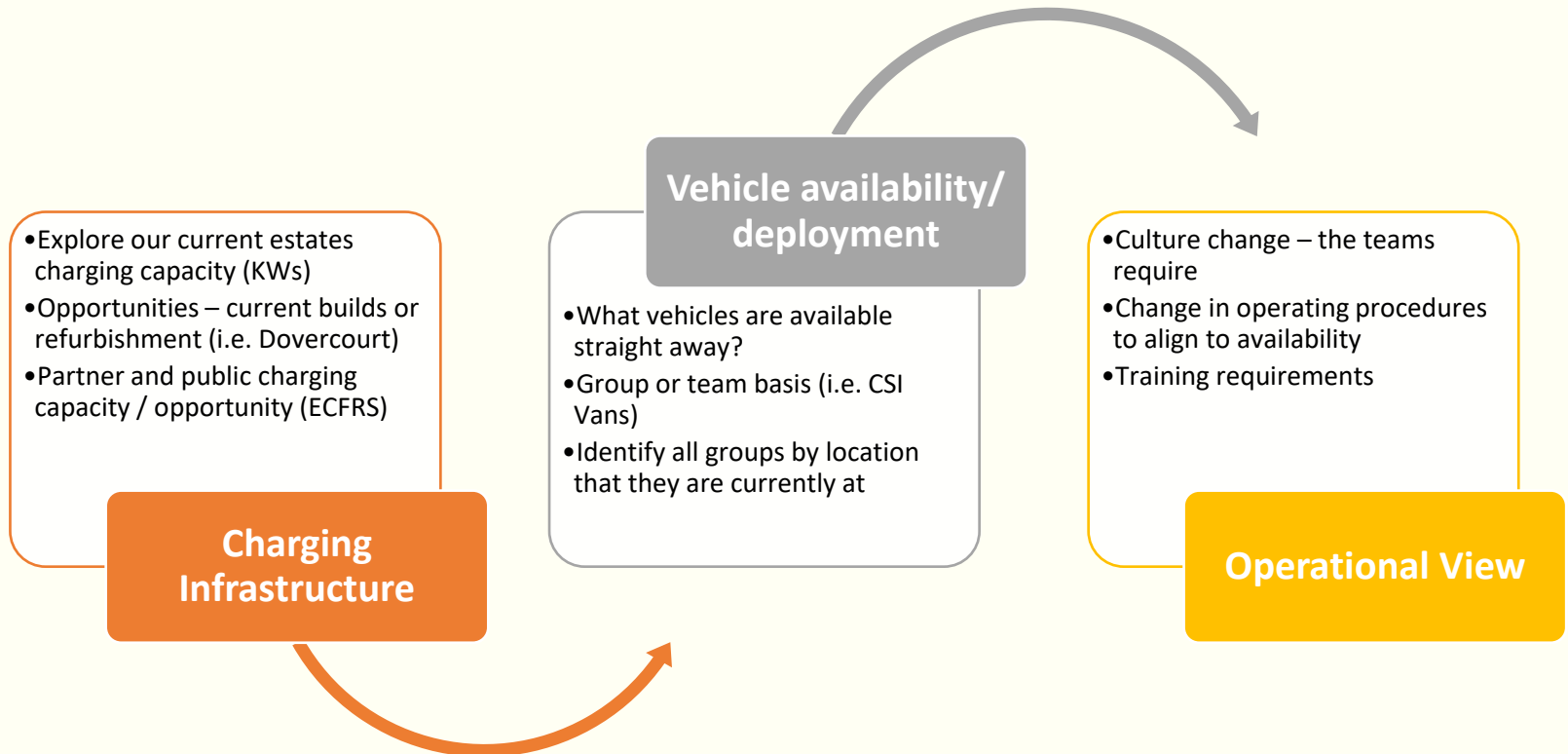
- 777 vehicles in the fleet, of which 91 have already transitioned to hybrid, 10 are Fleet EV's, and 8 are Senior Officer EV's.
- Pending updates to the national framework next year, there may be a larger variety of vehicles available to us to order.
- One key consideration when the new framework is available is the charging capacity of each vehicle.

CURRENT EV ROADMAP

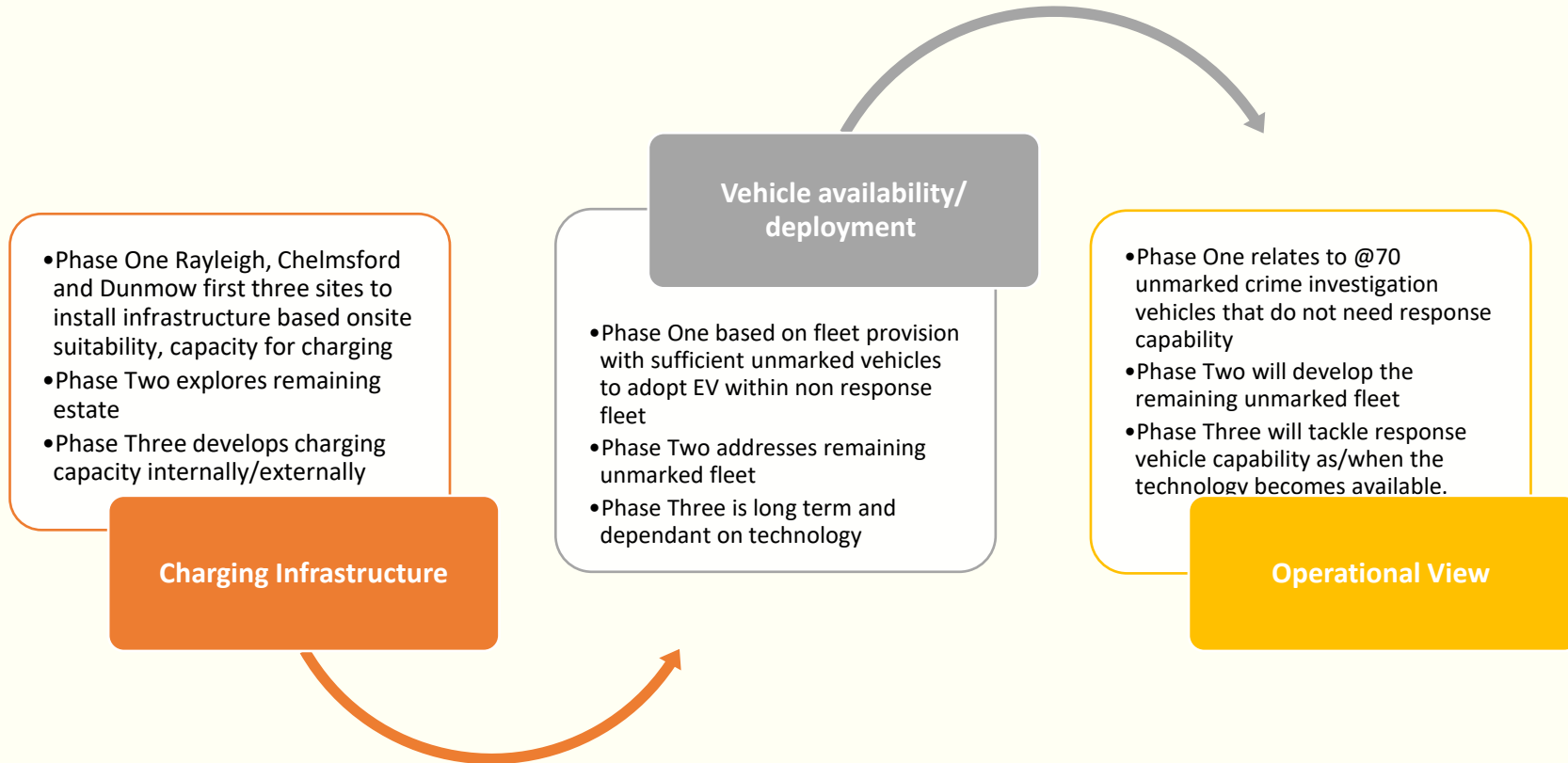


Planned Approach

To build an evidenced based decision on where and what to invest first in this fast-developing environment the following approach was taken to build a matrix



Delivery of the Approach



Our Estate Strategy 2023-28

The energy efficiency challenge

The 2018-2023 Estates Strategy recognised that the police estate was, in general, old, of poor quality by modern accommodation standards and inflexible due to the outdated design and building layout. It also highlighted the poor energy efficiency of much of the estate resulting in a high carbon footprint and inflated running costs.

Core Principles

In delivering the Estate Strategy we will be guided by the following core principles:



Respond to the demands of policing in the 21st century



Make greater use of open plan, flexible and multi-purpose working spaces



Improve space utilisation thereby enabling a reduction in the overall estate footprint



Fully consider use of other public sector estate across Essex



Deliver energy efficient design solutions in line with our Carbon Management Plan



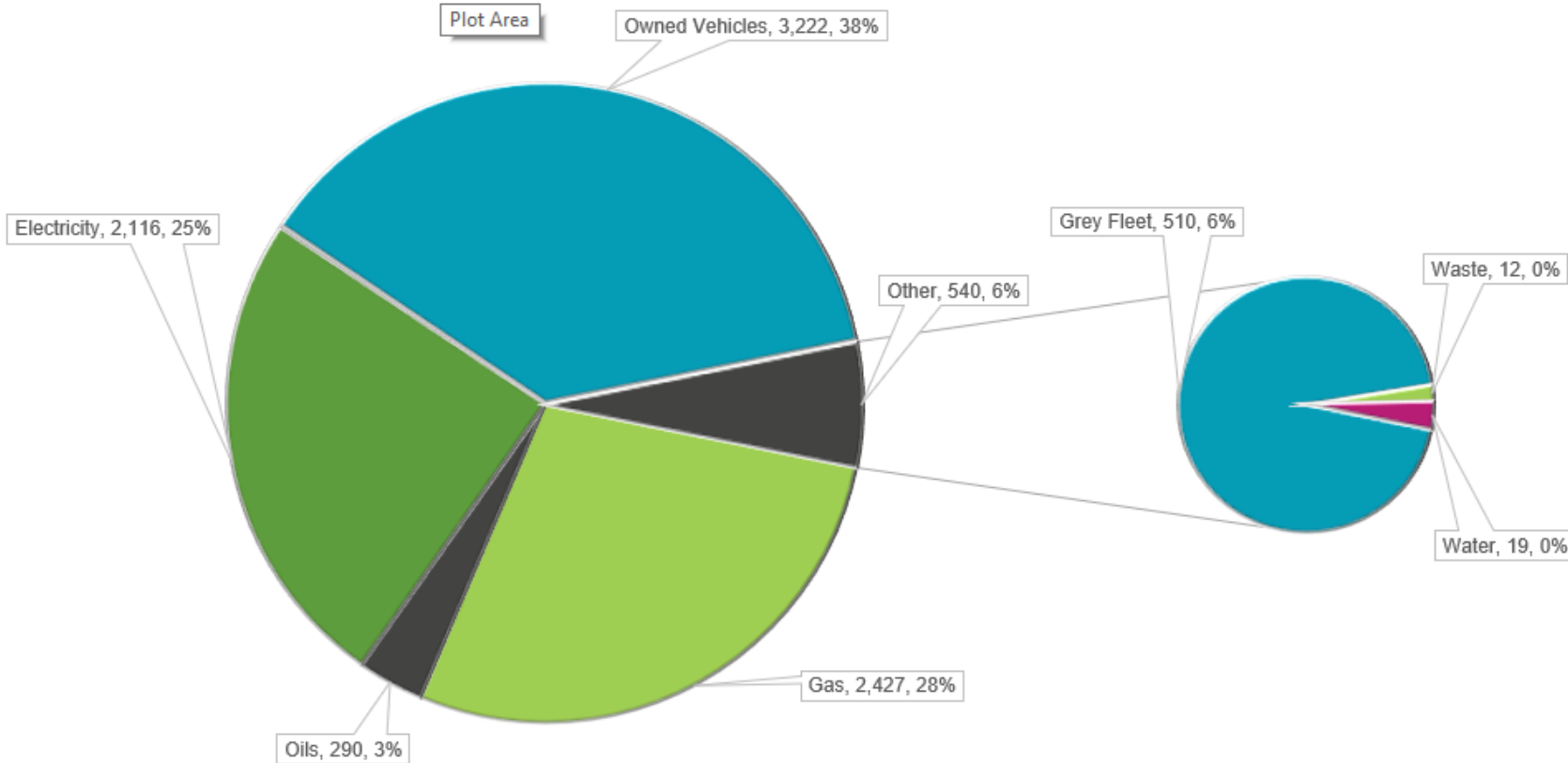
Be financially affordable, representing long-term value for the Essex taxpayers



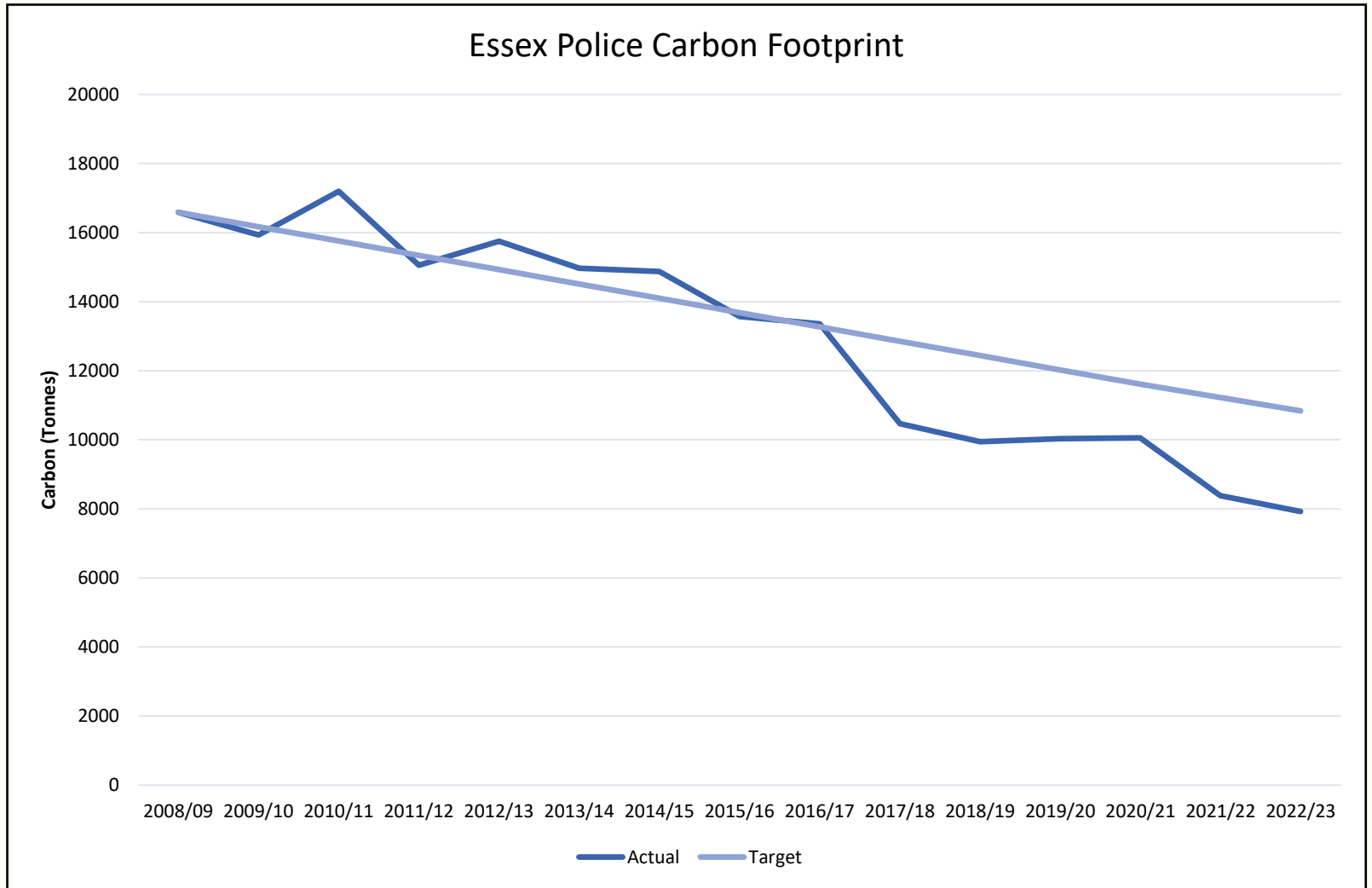
Have buildings and spaces our officers, staff, volunteers as well as local communities can be proud of

Essex Police Emissions

Emissions (tCO₂e) by Emissions Source



Carbon Reduction Progress



What We're Doing:

Dovercourt New Police Station

- Designed to meet RIBA 2030 Climate Challenge
- Insulation beyond building regulation requirements
- Lower embodied carbon during construction
- Heat recovery ventilation
- Low water use fittings
- Air source heat pumps
- Photovoltaic cells covering roof



Our Future Plans

