Is transport the chicken or the egg in driving sustainable development?

Charlotte Palmer – Environment, Transport and Future City Manager
Peterborough City Council

Peterborough

PETERBOROUGH CITY COUNCIL

Opportunity Peterborough

Peterborough DNA
Part of the Future Cities programme

ONE OF THE UK'S

FASTEST GROWING CITIES

A multicultural population of over

190,400

people

Ranked

2nd

in the country for housing growth

Peterborough

£1billion

regeneration programme

Creating the **UK's Environment Capital,** with the country's largest cluster of environmental businesses

UK's first GIGABIT CITY: access to the world's fastest business internet speeds

ONE OF THE UK'S **4** FUTURE CITY DEMONSTRATORS

UK's second highest rate

of jobs growth during the last century

A diverse £ economy

with world-leading companies in advanced manufacturing, finance and agriculture

Global **SMART CITY** 2015

Big idea

+

Big decision

=

DELIVERING
A TRULY
SMART
CITY
Peterborough
Smart interventions

Our big idea – creating the UK's Environment Capital

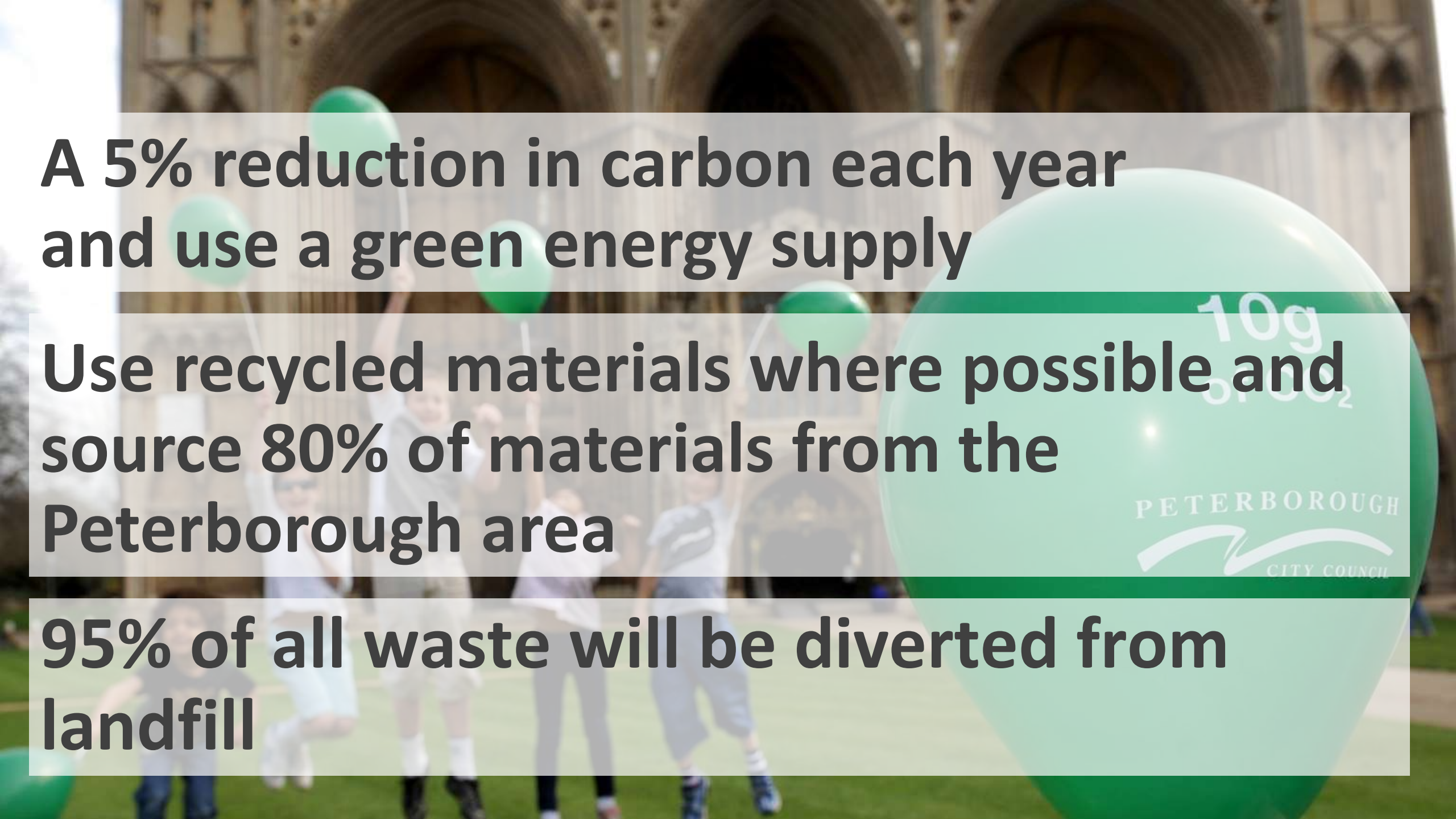
A happier, healthier, and more prosperous Peterborough – a sustainable city.

Our big decision – Peterborough Highway Services

Cost
40%

Quality
42%

Sustainability
18%



A 5% reduction in carbon each year and use a green energy supply

Use recycled materials where possible and source 80% of materials from the Peterborough area

95% of all waste will be diverted from landfill

Employ 2 graduates and 4 apprentices each year from the Peterborough area

Each member of staff can take 2 days out of the office annually to support a local project

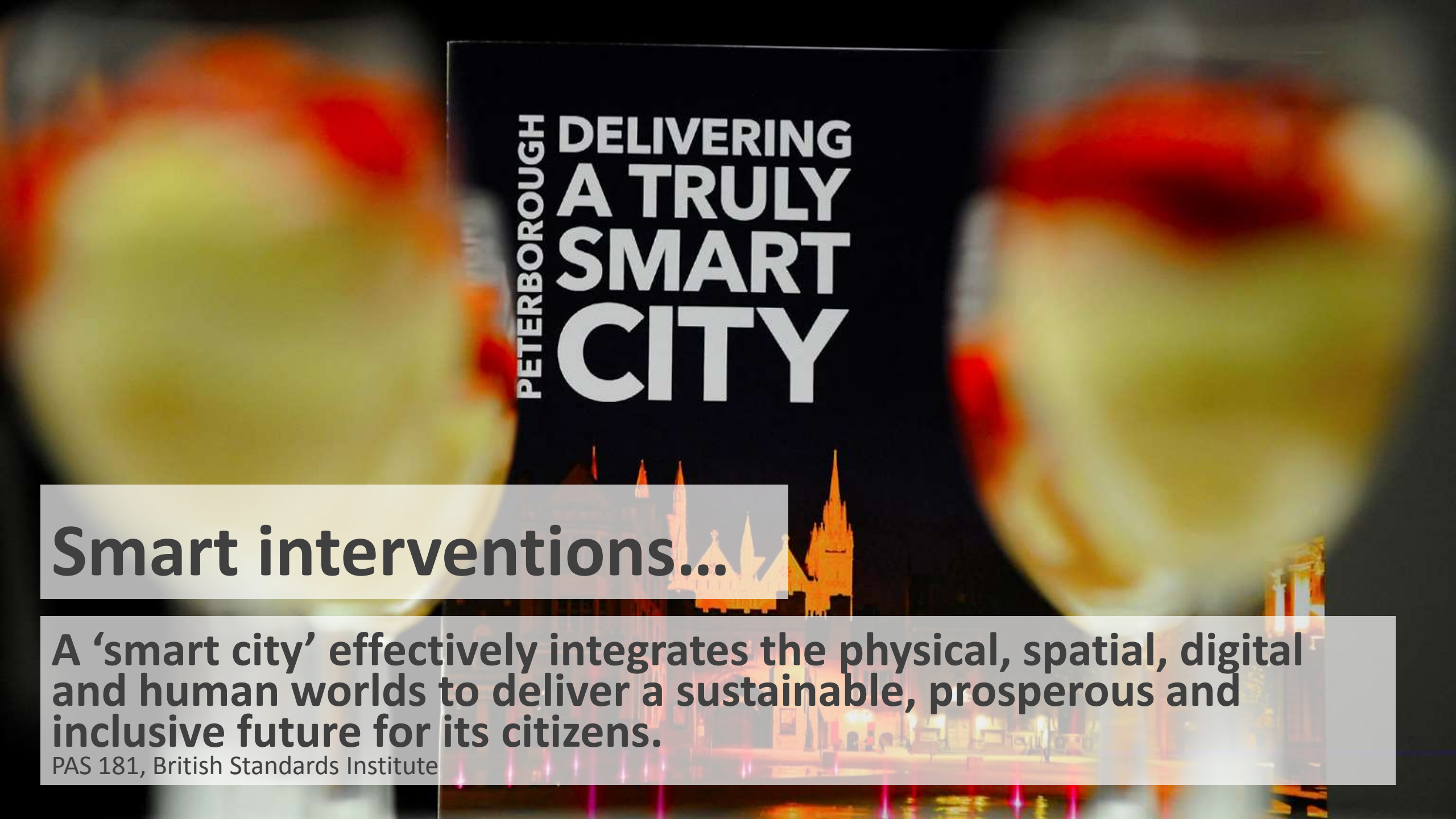
We’re using electric vehicles for inspectors

We’re reducing single occupancy journeys by 30%

We're using Fairtrade produce and encouraging staff to grow food on site

We'll harvest rainwater

We're developing a Highway Innovation Network



Smart interventions…

A ‘smart city’ effectively integrates the physical, spatial, digital and human worlds to deliver a sustainable, prosperous and inclusive future for its citizens.

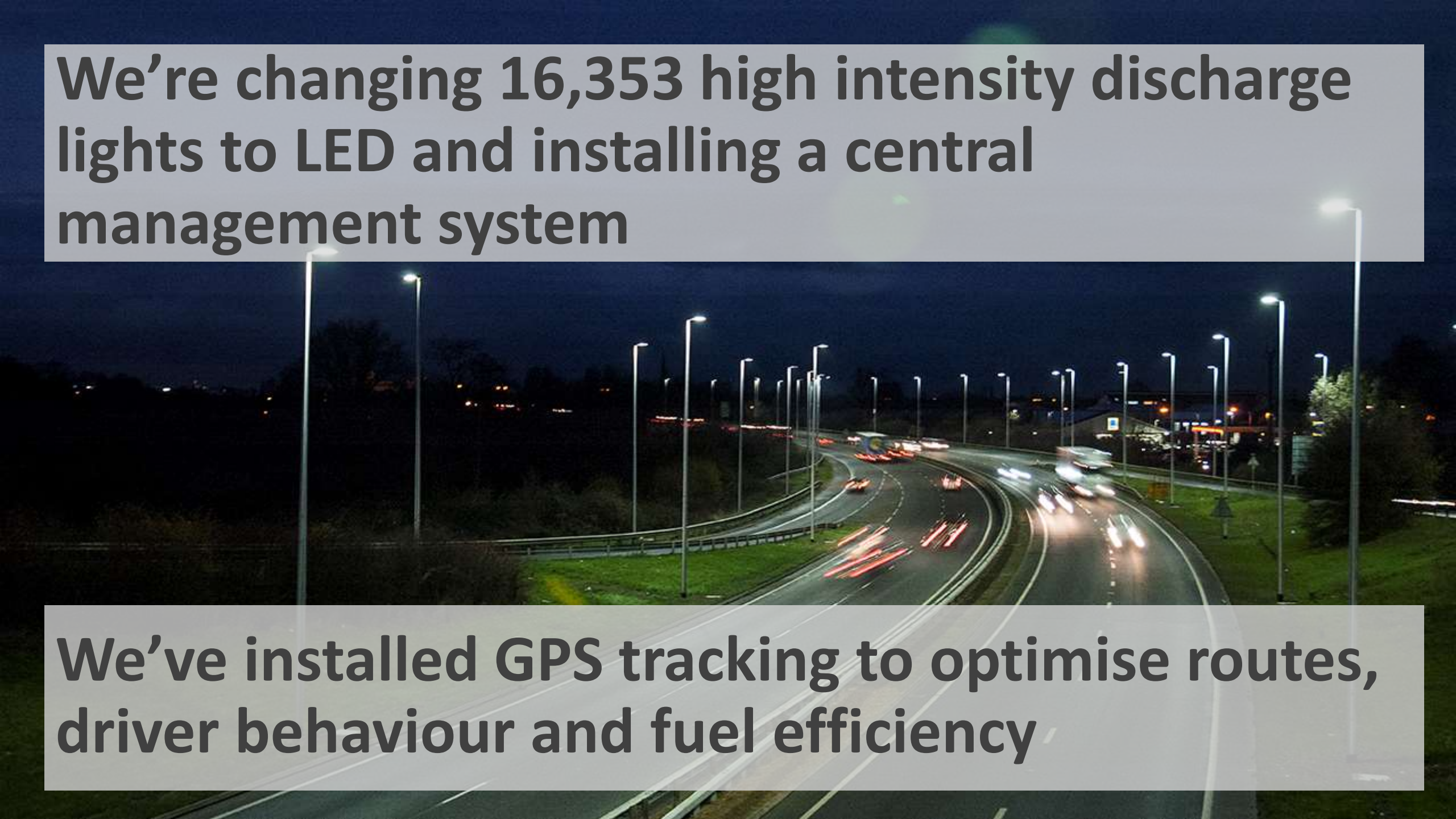
PAS 181, British Standards Institute

We’re extending the life span of roads by using innovative technology

We’re using innovative new asphalts to reduce our carbon footprint

We’re exploring new opportunities to deliver circular economy driven projects

We’re changing 16,353 high intensity discharge lights to LED and installing a central management system



We’ve installed GPS tracking to optimise routes, driver behaviour and fuel efficiency

Smart Supper - inspires new thinking and approaches to tackling city challenges

Peterborough's Travelchoice programme has received funding at every opportunity since 2004, the only UK city to do so.

What next?