

SUSTAINABLE PROCUREMENT: **Collaborating for Net Zero**

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Nov 2024

telent
talent with technology



AGENDA

1. A warm welcome from Telent
2. Our partnership with Transport for London (TfL)
3. Our climate ambitions
4. Mobilising new technology
4. Our new TfL fleet
5. Site tour/refreshments
6. Wrap up

Welcome to Telent

Adam Scriven, Account Director London Surface Communications



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Our Business & Partnership with TfL



TRANSPORT
FOR LONDON



telent

What our solutions enable



The safe operation of **all** London Underground stations

Homes and businesses to access the internet

30,000 roadside assets on the motorways to be operated, keeping us safe and moving

100 million voice calls per week

SOS calls from the sea to be received and lifeboat crews deployed

All electric trains to be controlled through a single national system

The connection of trackside assets enabling **66%** of all rail stations to operate


Carbon emissions to be reduced and air quality improved

Traffic lights and road crossings to operate for a third of local authorities

Over 50% of 999 services to be connected via radio and data communications



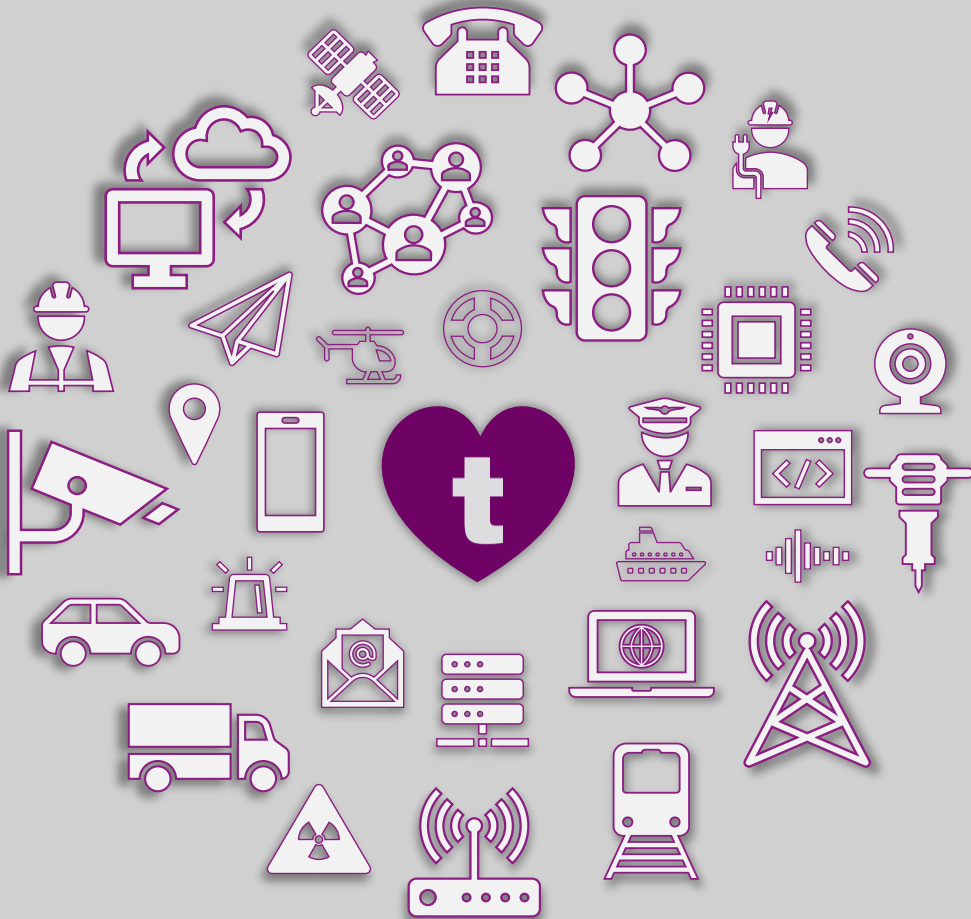
A typical person in the UK interacts with Telent's technology at least **15 times every day**



Our Climate Ambitions & Transition to Electric Vehicles (EVs)



Our strategy is to achieve maximum value for money on a whole-life basis



Economic

Securing economic value not only for Telent, but all our stakeholders and communities



Social

Add community benefit through our work, while ensuring regulation for human rights, labour and diversity is adhered to and that our ethical standards are upheld



Environmental

Supporting climate action in our value chain, including the goods and services that we purchase



We are committed to minimising our impact on the environment

- ▶ Our commitments are in-line with best practice, cascaded to our supply chain and formally monitored
- ▶ Accredited to ISO14001 and participate in mandatory and voluntary environmental reporting initiatives

100%
RENEWABLE
ENERGY
PROCUREMENT
(REGO)

99%
LANDFILL
DIVERSION

79%
WASTE
RECYCLING
RATE

350
ULEV/EV BIK
VEHICLES

ENERGY
SAVINGS
OPPORTUNITIES

NO SINGLE USE
PLASTICS
POLICY

ISO14001
ENVIRONMENTAL
MANAGEMENT
SYSTEM

FLEET OPERATOR
RECOGNITION
SCHEME (FORS)
SILVER

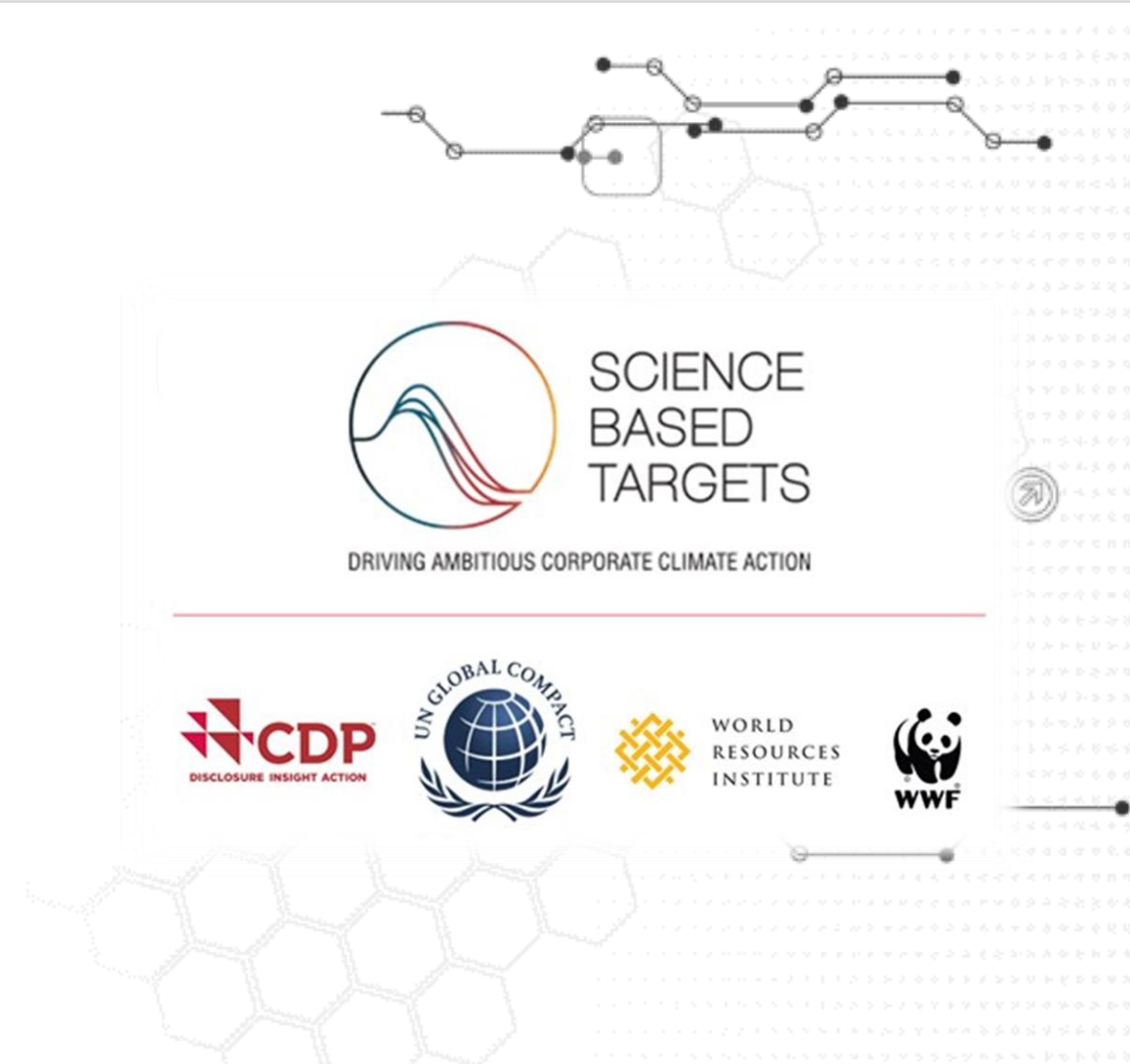
B RATING
FROM CDP
DISCLOSURE INSIGHT ACTION





TARGET

Telent has committed to net-zero emissions by 2050

- ▶ We have set targets to reduce all carbon emissions by **50%** no later than **2030**
- ▶ Includes all the emissions associated with our business
- ▶ This is through the Science Based Targets initiative (SBTi)



Our Targets

Telent's Carbon Reduction Targets  		
Scope	Definition	2030 Target
1	Emissions we create directly through fuel usage	46%
2	Emissions we create indirectly from energy we buy	
3	Other emissions we create indirectly as a business, including in our supply chain	55%



Our Carbon Footprint: 89,348 tonnes (FY24)



Scope 1 & 2

6%



Fleet Vehicles



Facilities



Purchased Energy, Heating & Cooling

Scope 3

94%



Purchased Goods & Services



Capital Goods



Use of Sold Products



Transportation & Distribution



Waste from Operations



End of Life Treatment of Sold Products



Fuel & Energy Related Activities



Business Travel



Employee Commuting

Our Business

Our Value Chain

5,434 tonnes

83,914 tonnes

Our Carbon Footprint: 89,348 tonnes (FY24)



Scope
1 & 2

6%



Fleet
Vehicles

Scope 3

88%



Purchased Goods
& Services (76%)



Use of Sold
Products (12%)

Our Business

Our Value Chain

5,022 tonnes

78,612 tonnes

FY24 Carbon Results



RESULT

On-track against targets

Reduction targets: 46% absolute Scope 1 & 2, 55% intensity Scope 3 by 2030



Scope 1
(fuel) ●



Scope 2
(energy) ●



Scope 3
(supply chain) ●





OBJECTIVE

50% of essential Fleet electrified by 2030



ACTIONS >>>

- ▶ Developing gradual transition plans for each of our Business Units (1,000+ vehicles) that address unique needs
- ▶ This will support each team in finding the most effective and practical solutions
- ▶ By March 2025, we plan to have 100 EVs operating in London for TfL, making **10%** of our Fleet electric
- ▶ We also need to reduce mileage where possible (12m per year)



Progress to date

Forecast: Mobilised EVs to date will reduce overall Scope 1 emissions annually by **3%**

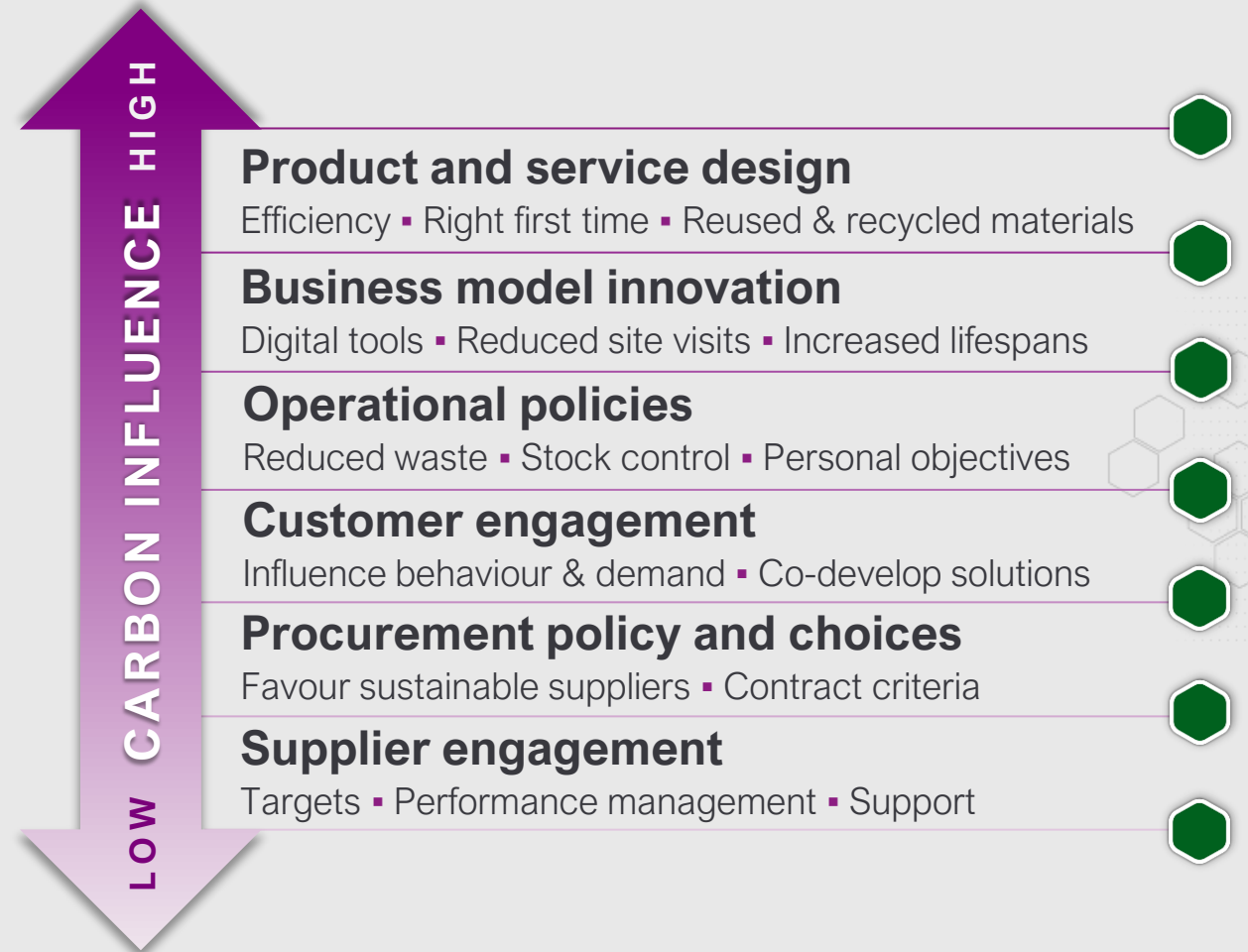
- ▶ **34** EVs mobilised, with additional **65** on order
- ▶ **24** ID Buzz vans and **10** Skoda Enyaq cars
- ▶ **134k** EV miles (216k k/m) driven between Aug and Oct, reducing our carbon footprint by **50** tCO₂e
- ▶ Positive driver feedback – performance, general use and features
- ▶ Interest in ID Buzz as an option in other areas of our business





Reducing emissions needs a varied approach

- ▶ These approaches should be used together





Launching our new Design Carbon Appraisal Tool (DCAT)

Using a standard Bill of Materials (BoM), the tool estimates the supply chain emissions and visually heatmaps them to:

- ▶ Baseline and make comparisons
- ▶ Prioritise carbon reduction initiatives based on significance
- ▶ Identify cost saving opportunities
- ▶ Encourage innovation



Mobilising New Technology

Gary Smith, Fleet Services Manager





CHALLENGES

Mobilising new technology



INVESTMENT

- ▶ Significant investment required in vehicles, associated infrastructure and management
- ▶ EVs currently more expensive to operate



CHARGING

- ▶ A range of charging options and payment solutions needed
- ▶ Includes depot, public and home charging
- ▶ Significant bearing on cost



PRODUCTIVITY

- ▶ Need to accommodate route planning, charging and new ways of working
- ▶ Long repair times
- ▶ Service levels must be maintained



TRAINING

- ▶ Involves significant change management
- ▶ Driver training and support is essential
- ▶ Also new safety considerations



LESSONS LEARNED: **Recommendations for contracting**

Options for gradual/phased implementation

- ▶ Long manufacturer lead times and vehicle renewal timings
- ▶ Planning and installation of charging infrastructure
- ▶ Better driver driving and support, which could also be supported by customers
- ▶ Caution around incentivising early compliance
- ▶ Shared city infrastructure
- ▶ Could also include pilot schemes and vehicle recommendations

Materiality assessments for subcontractor flow-down

- ▶ Risk of “scoping out” small business subcontractors, conflicting wider social value priorities around supplier diversity
- ▶ May artificially increase cost base if not carefully managed

Our New TfL Fleet

John Graham, Senior Operations Manager



Our New Electric Vehicles



CAR: Skoda Enyaq

Users	Support staff
Chosen for	<ul style="list-style-type: none"> ▶ Long range (average 310 miles / 499 km) ▶ Safety (5 star) ▶ Excellent standard features ▶ Compact SUV ideal for city traffic ▶ Business Car Award Winner
Charge time (7kW)	8.5 hours (10-80%) or 25 miles / 41km per hour



VAN: VW ID Buzz

Users	Engineering staff
Chosen for	<ul style="list-style-type: none"> ▶ Long range (average 240 miles / 386 km) ▶ Safety (Platinum safety rating) ▶ Excellent standard features ▶ Enhanced manoeuvrability for city traffic ▶ Real time performance monitoring
Charge time (7kW)	7.5 hours (10-80%) or 22 miles / 36km per hour



Thank you for visiting!

For information on any of the topics discussed, contact rhys.griffiths@telent.com


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