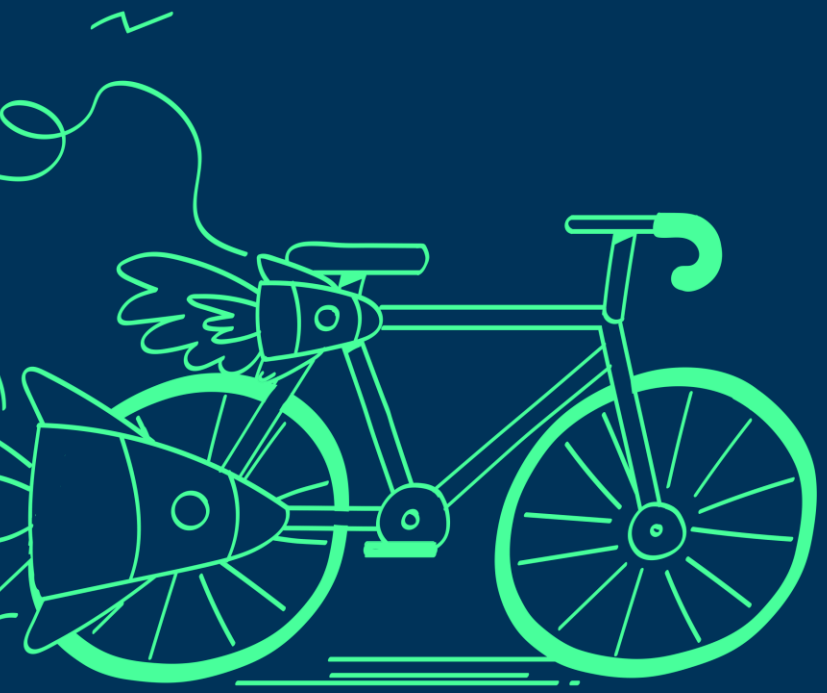
Welcome



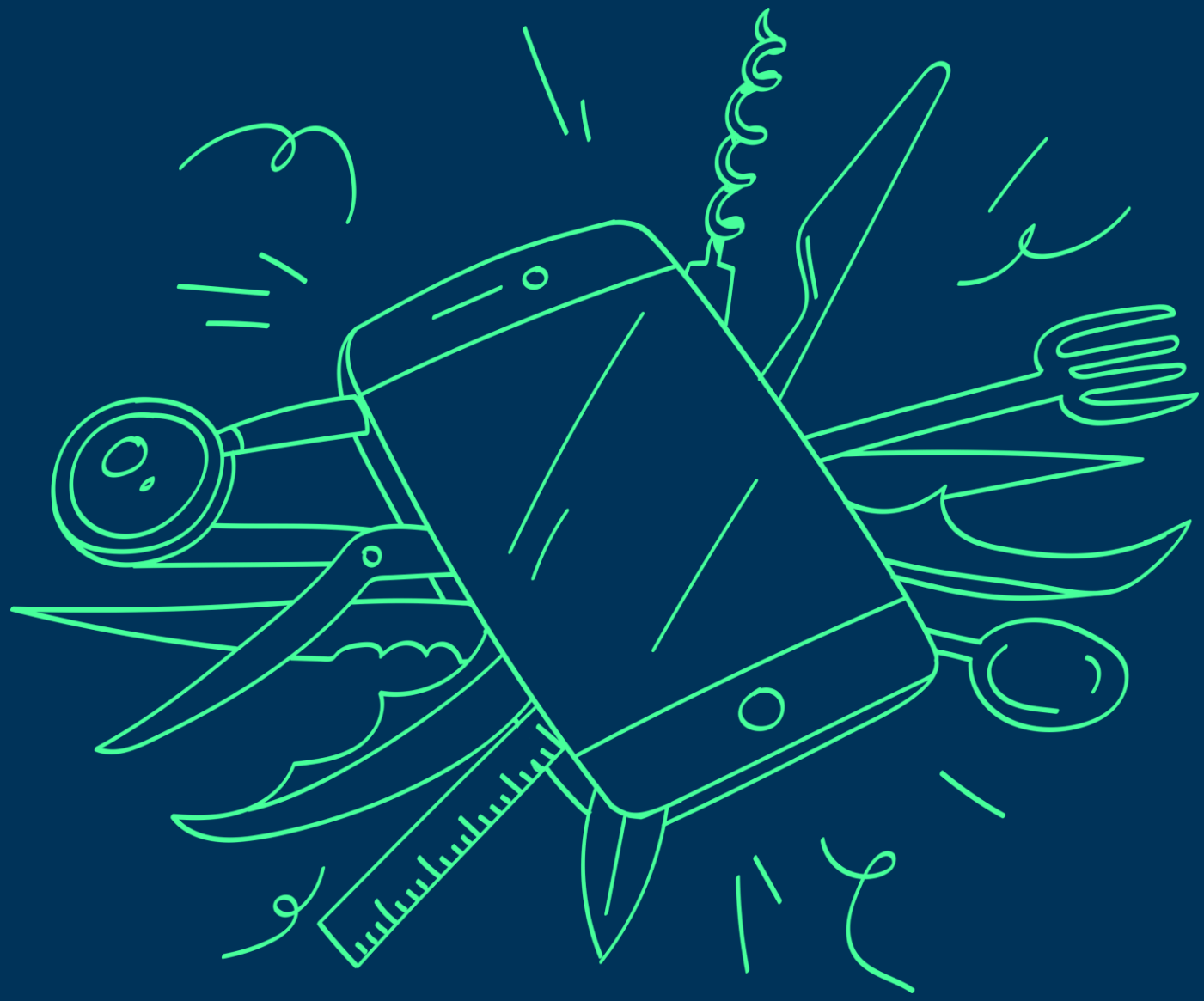
Tim Woolven, MCIWM
Senior Consultant

Thank you

& You

Who are we?

What do we do?



Siemens + Brightly

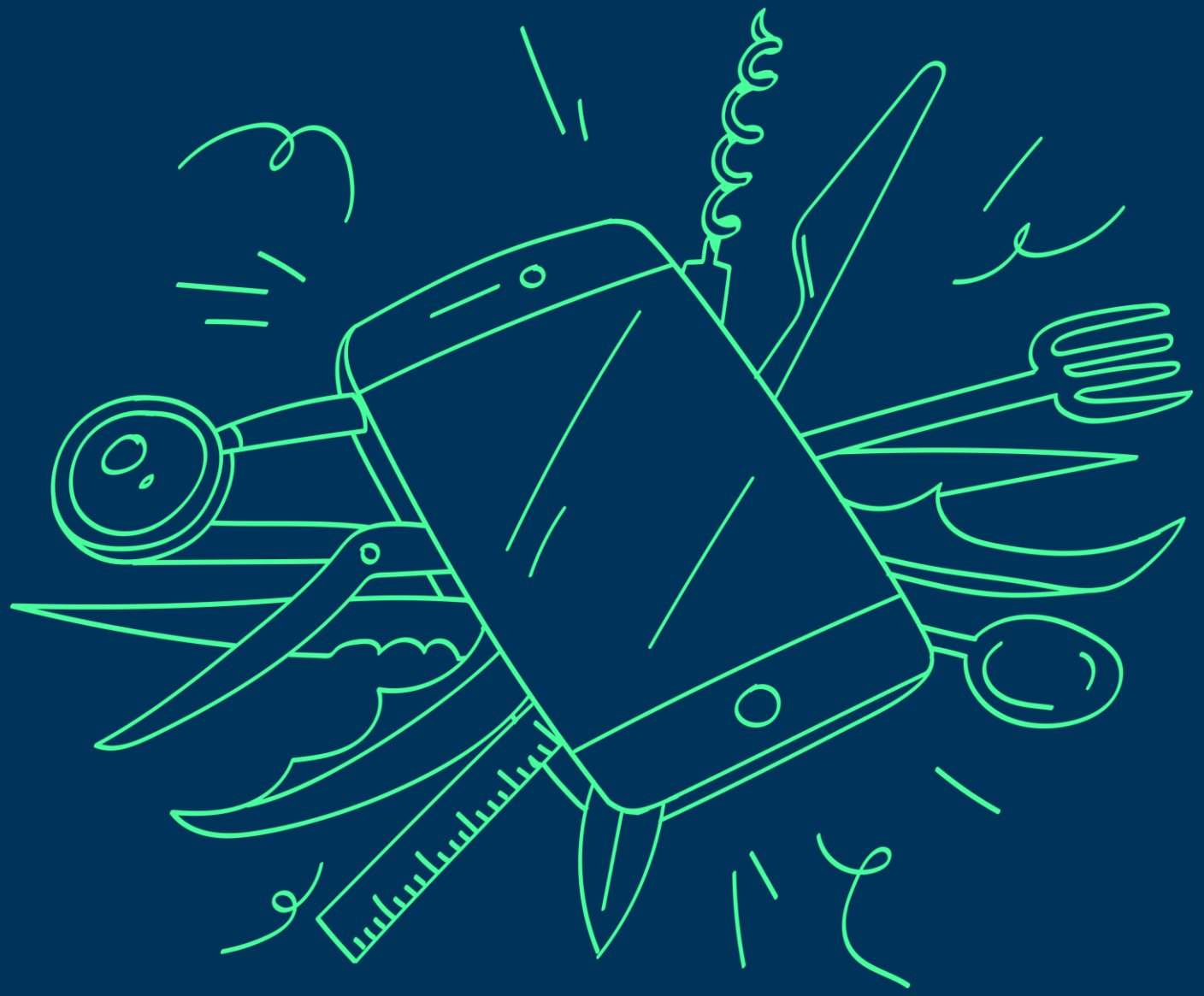
We are

Brightly

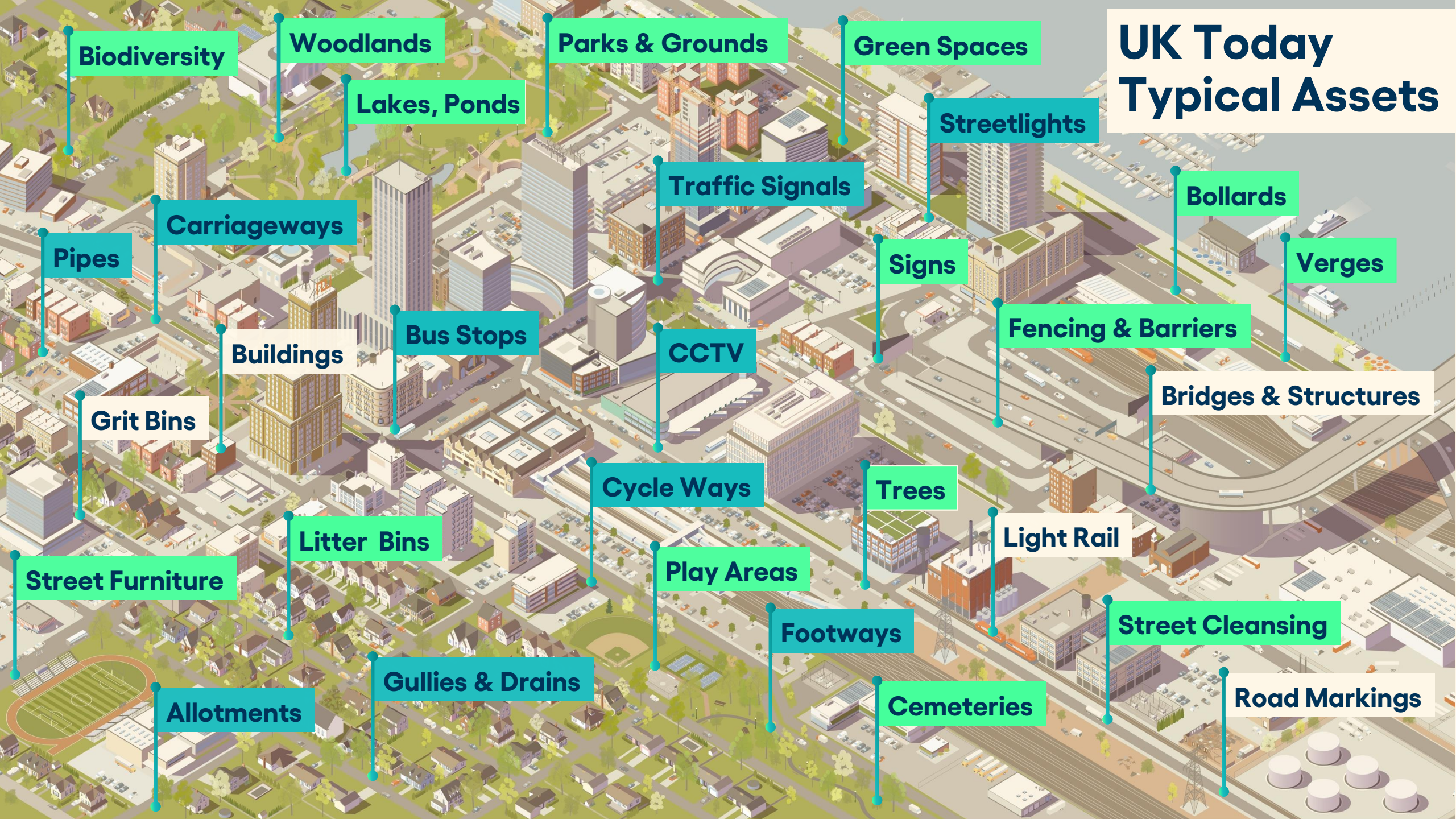
A Siemens Company

The world's smartest asset management solution

Combining the real and digital world to empower you to act flexibly and sustainably



Siemens + Brightly


UK Today
Typical Assets
Biodiversity
Woodlands
Parks & Grounds
Green Spaces
Lakes, Ponds
Streetlights
Traffic Signals
Bollards
Carriageways
Pipes
Signs
Verges
Fencing & Barriers
Bus Stops
Buildings
CCTV
Bridges & Structures
Grit Bins
Cycle Ways
Trees
Litter Bins
Light Rail
Play Areas
Street Furniture
Footways
Street Cleansing
Gullies & Drains
Road Markings
Allotments
Cemeteries

Case Study

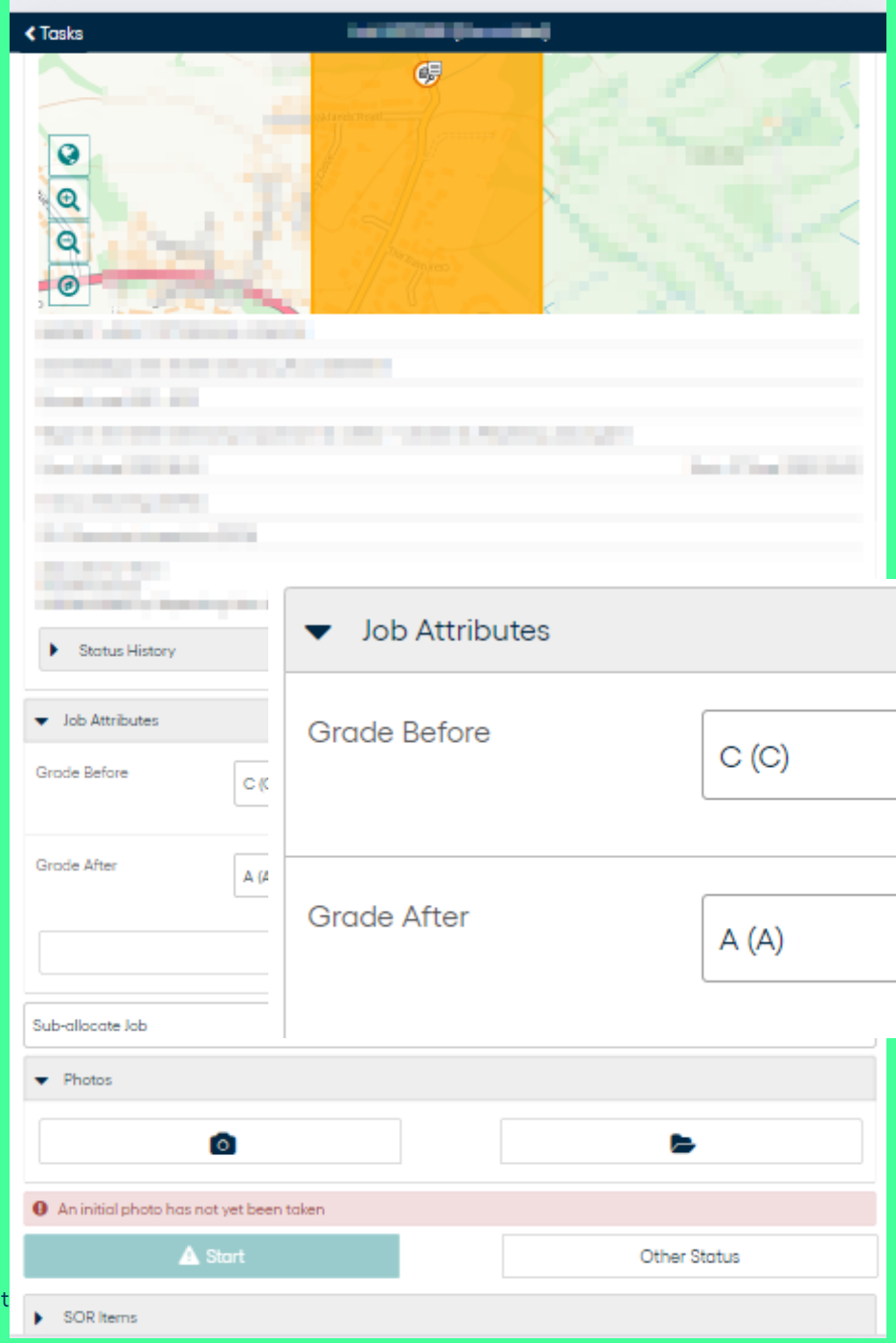
Aims

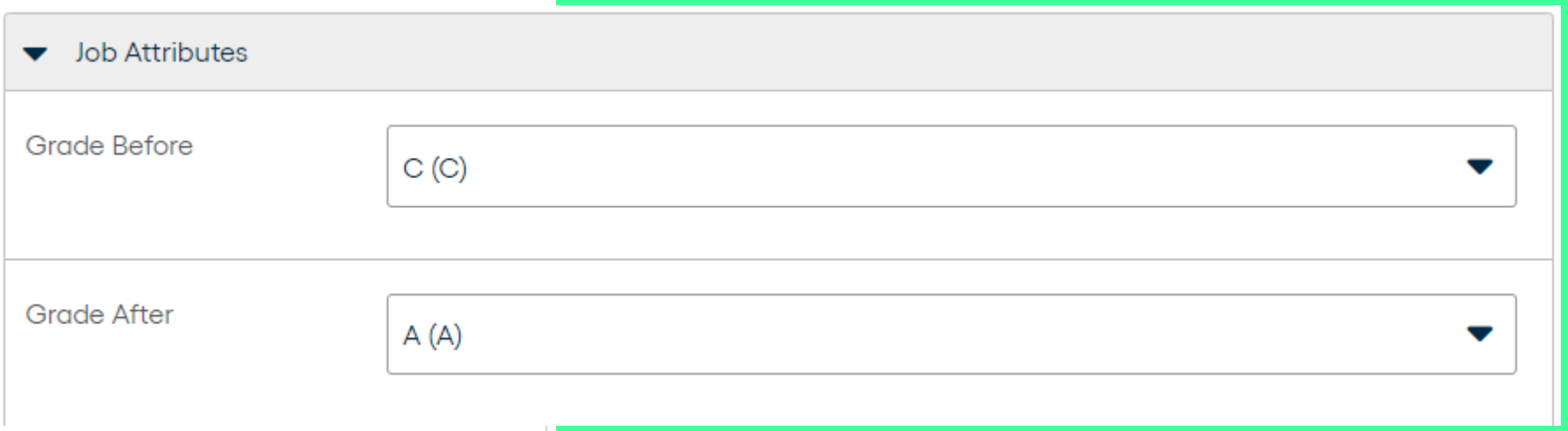
- Drive down costs of Street Sweeping
- Maintaining cleansing standards
- Keeping residents / members satisfied
- Data for analytics

Case Study

Methodology

- Digitised street sweeping routes
- Work sent directly to device
- Trained operatives to grade the street prior to sweeping
- Trust judgement of staff to make the call as to sweep or not
- If street was swept, record the grade after


Tasks
Status History
Job Attributes
Grade Before
C (C
Grade After
A (A
Sub-allocate Job
Photos
An initial photo has not yet been taken
Start
Other Status
SOR Items


Job Attributes
Grade Before
C (C)
Grade After
A (A)

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Case Study

Findings

- Reduction in paper
- Reduction in lose of data
- Live information about the cleanliness of the streets
- Photos allowed for more audits via the desktop
- A wealth of data to analyse
    - Job start time finish time
    - Length of time / grade improvement
    - Time since last sweep / grade degradation

Case Study

Bonus

- Empowerment of cleansing staff
- Easy access to cleansing records when asked
- Ability to capture carbon cost of each street cleaned
- Live data straight into their Reporting Tools via API

NetZero and Carbon Monitoring

Helping you:

- Create baseline data
- Capture carbon “cost”
- Use data to guide intelligent decisions

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Baseline

2023

Collect data

2024

Decision Support data

2025

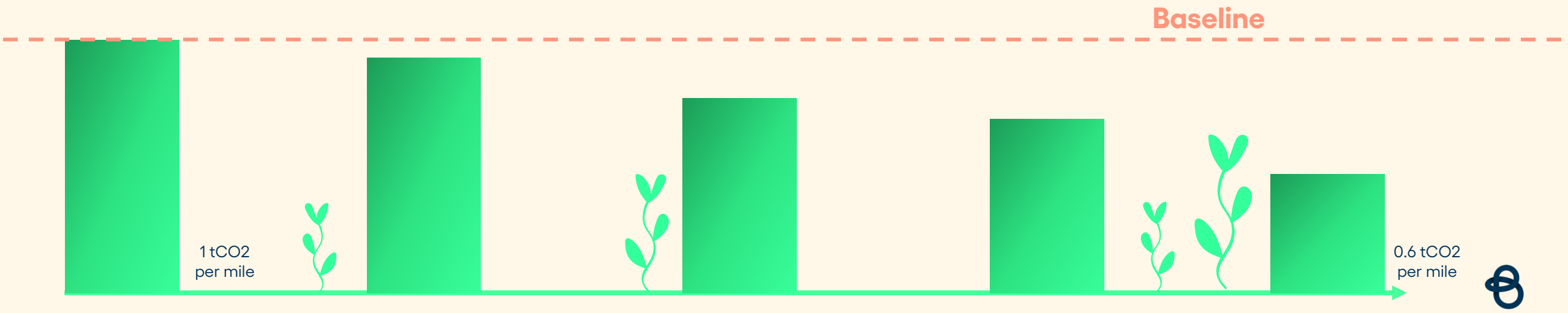
Natural Capital recorded

2026

Culture Change

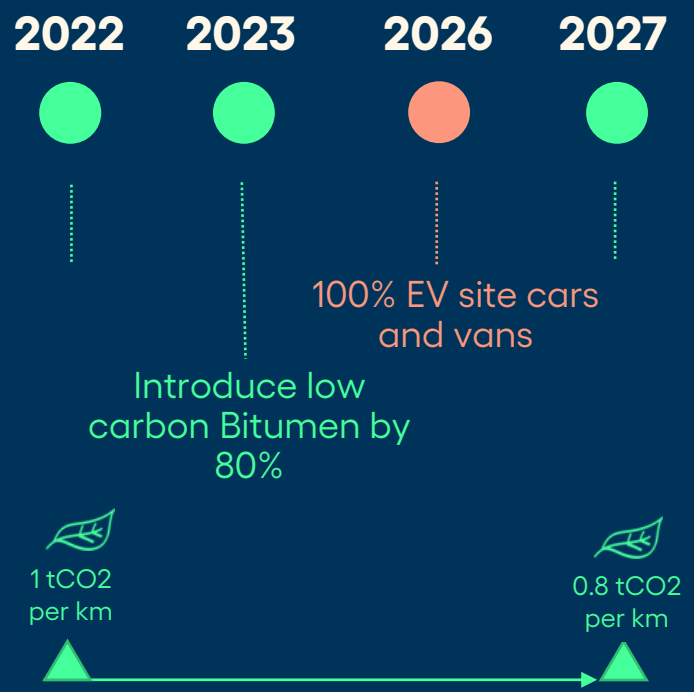
2027

On track for Net Zero targets



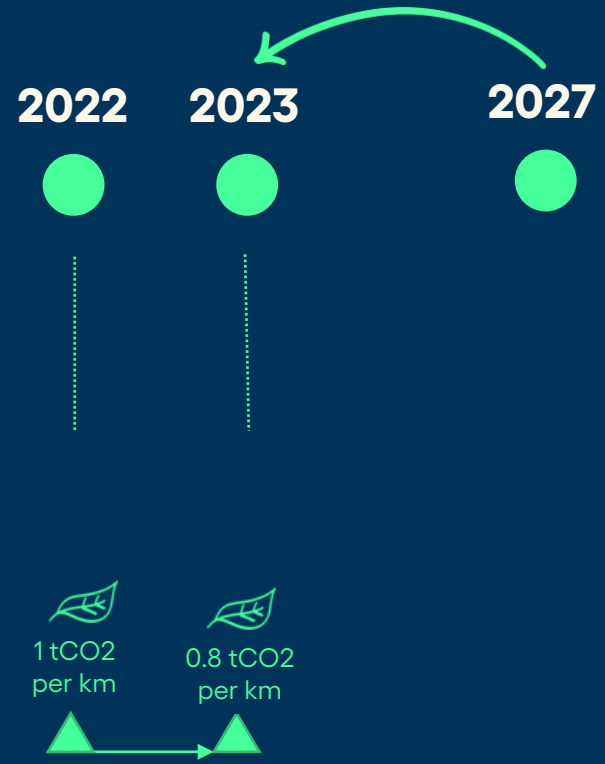
Commuter Miles
Home
Depot
Materials
Waste
Accurate Journey Times
Signs
Cleansing Routes
Streetlights
Trees and Parks
Assets

Data-driven decisions



Improvement strategies allow for reductions in carbon ahead of time, presenting choices like

- Move all small O&M vehicles to EV
- 95% Pavement works use Recycled Materials
- 30% waste reduction vs. Landfill
- 20% reactive works moved to planned works
- Soft estate data sequesters increased by 10%



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Thank you

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