ROADMAP TO NET-ZERO: CARBON STRATEGY

- **Plan Carbon Strategy**: Targets and actions set by carrying out a baseline audit.

- **Monitor Eco Driving Reports**: Reduce carbon emissions by Eco Driving (resource efficiency and driving skills & behaviour). App reports individual and group carbon usage.

- **Manage**: Initiate the carbon offset for unavoidable emissions. Operational Carbon Neutral: account the operational Heet carbon footprint in carbon offsets, to rebalance them.

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Smart Green Drivers

Reina & Optio Application Views
Power BI Reporting
## Goals

### Category: Business Management Team
- **Goal:** To reduce CO2e to Net Zero by 2050
  
  **Date Set:** 16/12/2020

### Category: Environmental
- **Goal:**

### Category: Finance

### Category: Human Resources

### Category: Materials Management

### Category: Purchasing

### Category: Sales and Marketing

### Category: Sustainable Development Goals
- SDG 13: Take urgent action to combat climate change and its impacts
- SDG 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all
- SDG 3: Ensure healthy lives and promote well-being for all at all ages
- SDG 7: Ensure access to affordable, reliable, sustainable and modern energy for all
- SDG 12: Ensure sustainable consumption and production patterns

### Actions
- Take urgent action to combat our organisation's adverse impact on the environment

### Performance Targets

<table>
<thead>
<tr>
<th>Target Ref</th>
<th>Target</th>
<th>Date Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td>TENV1</td>
<td>The reduce grey fleet CO2e by 50% by the end of 2021</td>
<td>16/12/2021</td>
</tr>
<tr>
<td>SDG 3.1</td>
<td>50% of Injuries and fatalities by 2025 (originally 2020)</td>
<td>01/02/2025</td>
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<tr>
<td>SGD Plan</td>
<td>Reduce CO2e greenhouse gas emissions from Scope 1 and Scope III vehicles to 45% by 2030</td>
<td>01/02/2030</td>
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</table>
### Performance Targets

<table>
<thead>
<tr>
<th>Target Ref</th>
<th>Target</th>
<th>Group</th>
<th>Date Planned</th>
<th>Status</th>
<th>On Target</th>
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<tr>
<td>TENV1</td>
<td>The reduce grey fleet CO2e by 50% by the end of 2021</td>
<td>Prosperity</td>
<td>16/12/2021</td>
<td>Current</td>
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<td>SDG 3.1</td>
<td>50% of Injuries and fatalities by 2025 (originally 2020)</td>
<td>Prosperity</td>
<td>01/02/2025</td>
<td>Current</td>
<td></td>
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<tr>
<td>SDG 3.6</td>
<td>Death Rate due to road traffic injuries</td>
<td>Prosperity</td>
<td>01/02/2025</td>
<td>Current</td>
<td></td>
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<tr>
<td>SDG 7.3</td>
<td>Double the rate of global rate of improvement in energy efficiency</td>
<td>Prosperity</td>
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<td></td>
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<tr>
<td>SDG 8.3</td>
<td>Promote development orientated policies that support productive activities, decent job creation, entrepreneuship, creativity and innovation e.g. EVs</td>
<td>Prosperity</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>SDG 8.8.1</td>
<td>Fatal and non-fatal occupational injuries per 100,000 workers by sex and migrant status</td>
<td>Prosperity</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>SDG 12.5</td>
<td>By 2030 Substantially reduce water generation i.e. improve operation and management of the fleet to maximise the energy efficiency of transport</td>
<td>Prosperity</td>
<td></td>
<td></td>
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<tr>
<td>SDG 12.6.1</td>
<td>We publish sustainability reports using new and innovative technologies</td>
<td>Prosperity</td>
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<td></td>
<td></td>
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<tr>
<td>SDG 13.1</td>
<td>Invest in resilient systems, institutions and climate smart technology to reduce, mitigate or adapt to climate change</td>
<td>Prosperity</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>SDG 13.2</td>
<td>Reduce CO2e greenhouse gas emissions from company vehicles by 10% in 2021</td>
<td>Prosperity</td>
<td></td>
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<td></td>
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<tr>
<td>SDG 14.1</td>
<td>Reduce CO2 greenhouse gas emissions from Scope I and Scope III vehicles to 45% by 2030</td>
<td>Prosperity</td>
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</tr>
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**Chart Title**: Towards Net Zero Emissions Roadmap

- **Data values**: Red line
- **Target value**: Green line

**Date Range**:
- 30/11/2023
- 29/11/2027
- 28/11/2031
Performance Targets

- Group: Prosperity
- Reference: SGD Plan
- Date raised: 01 February 2021
- Date planned: 01 February 2030
- Target value: 45
- Target description: Reduce CO₂e greenhouse gas emissions from Scope I and Scope II vehicles to 45% by 2030

Chart title: Towards Net Zero Emissions Roadmap

- Baseline Data: Collect 500 mile... MacDee, Richard 26 Feb 2021 01 May 2021
  Collect 500 miles of data from all Scope I vehicles to establish baseline CO₂e Emissions Data, Understand Fleet Risks
- Eco Driving: Send out Driver Handbook to all people who download the Optio Application 26 Feb 2021 01 Apr 2021
Performance Targets

Loss Ratio

Group: Prosperity
Reference: KGM1
Date raised: 09 March 2021
Date planned: 31 December 2021
Date complete: 09 March 2021
Status: Current
Target value: 50
Target description:
To reduce “loss ratio” to under 50% by end of 2021
Performance Target Reports and Progress
Performance Target Progress and Actions

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<tr>
<th>Fleet</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
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<td>HGV's</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>LGV's</td>
<td>568</td>
<td>568</td>
<td>570</td>
<td>598</td>
<td>620</td>
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<tr>
<td>Cars</td>
<td>60</td>
<td>55</td>
<td>50</td>
<td>40</td>
<td>30</td>
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<tr>
<td>Pool Cars</td>
<td>100</td>
<td>80</td>
<td>75</td>
<td>70</td>
<td>70</td>
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<tr>
<td>Grey Fleet</td>
<td>76</td>
<td>80</td>
<td>80</td>
<td>90</td>
<td>100</td>
</tr>
<tr>
<td>Business Mileage</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Other Vehicles</td>
<td>25</td>
<td>25</td>
<td>20</td>
<td>20</td>
<td>20</td>
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<tr>
<td>Total Scope I</td>
<td>879</td>
<td>854</td>
<td>845</td>
<td>869</td>
<td>890</td>
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</table>

Accidents

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<tr>
<th></th>
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<th>2023</th>
<th>2024</th>
<th>2025</th>
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<tr>
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<tr>
<td>Fault</td>
<td>180</td>
<td>166</td>
<td>130</td>
<td>135</td>
<td>121</td>
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<tr>
<td>Non Fault</td>
<td>72</td>
<td>57</td>
<td>57</td>
<td>50</td>
<td>47</td>
</tr>
<tr>
<td>50/50</td>
<td>5</td>
<td>19</td>
<td>5</td>
<td>7</td>
<td>5</td>
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<td>Accidents</td>
<td>258</td>
<td>242</td>
<td>193</td>
<td>192</td>
<td>173</td>
</tr>
<tr>
<td>Accident Rate</td>
<td>29%</td>
<td>28%</td>
<td>23%</td>
<td>22%</td>
<td>19%</td>
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<tr>
<td>Annual Reduction</td>
<td>4%</td>
<td>19%</td>
<td>3%</td>
<td>12%</td>
<td></td>
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<tr>
<td>Versus Baseline</td>
<td>96%</td>
<td>77%</td>
<td>74%</td>
<td>62%</td>
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</table>
SECR Reporting

Environmental Reporting Guidelines:
Including streamlined energy and carbon reporting guidance
March 2019 (Updated Introduction and Chapters 1 and 2)

Example SECR reporting format
In the example reporting template shown below, Scope 3 categories are shown individually. This gives the detail necessary for users seeking to reduce emissions.

Company Information
Prosperity Business Management System is a public limited company, incorporated in the UK. Registered address is 1 New Street, London, SW1 1AA.

Reporting period
6 April 2013-5 April 2014

Reasons for Change in Emissions
Our reported emissions have fallen this year because we have invested in more energy efficient process equipment in our operations. The Scope 3 categories for which we have reported emissions have changed for the following reasons:

Purchased goods and services – We have worked with our suppliers of plastic packaging to reduce the mass of plastic required and this has resulted in the reported reduction in emissions.

Business travel – Tighter departmental budgets have led to a reduction in business travel expenditure.

Employee commuting – Staff have reported reduced use of cars to get to work and an increase in cycling.
Vehicles
### SGD View of Vehicles

#### Data Table

<table>
<thead>
<tr>
<th>Registration</th>
<th>Make</th>
<th>Model</th>
<th>Fuel Type</th>
<th>Odometer Mileage</th>
<th>GPS Mileage</th>
</tr>
</thead>
<tbody>
<tr>
<td>VR56DXD</td>
<td>Audi</td>
<td>A6</td>
<td>Petrol</td>
<td>48560</td>
<td>37989</td>
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<tr>
<td>V25 GMO</td>
<td>BMW</td>
<td>318s</td>
<td>Petrol</td>
<td>206584</td>
<td>18994</td>
</tr>
<tr>
<td>EZ94WSW</td>
<td>Ford</td>
<td>Transit</td>
<td>Petrol</td>
<td>90568</td>
<td>18994</td>
</tr>
<tr>
<td>YE57 LMF</td>
<td>Vauxhall</td>
<td>Corsa</td>
<td>Petrol</td>
<td>50649</td>
<td>18994</td>
</tr>
<tr>
<td>FH63H5Z</td>
<td>Ford</td>
<td>Fiesta</td>
<td>Petrol</td>
<td>100335</td>
<td>18994</td>
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<tr>
<td>AJZ7HLR</td>
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<td>Fiesta</td>
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<td>UT95HUX</td>
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<td>Corsa</td>
<td>Petrol</td>
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<td>9497</td>
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<tr>
<td>NW82VMQ</td>
<td>Vauxhall</td>
<td>Corsa</td>
<td>Petrol</td>
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<td>18994</td>
</tr>
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<td>ST12BKA</td>
<td>Vauxhall</td>
<td>Astra</td>
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</tr>
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<td>VE18FCX</td>
<td>Vauxhall</td>
<td>Corsa</td>
<td>Petrol</td>
<td>65908</td>
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<td>PF67EKK</td>
<td>Kia</td>
<td>Picanto City</td>
<td>Petrol</td>
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<td>18994</td>
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<tr>
<td>YG66XGS</td>
<td>Fiat</td>
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<td>BC66ZDH</td>
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<td>FY06JTX</td>
<td>Audi</td>
<td>A8</td>
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<td>KIA</td>
<td>Picanto</td>
<td>Petrol</td>
<td>35831</td>
<td>18994</td>
</tr>
</tbody>
</table>

#### Import Vehicles Dialog

- **Select File**: Click to select the file to import vehicles.
- **Import**

#### Date Range Dialog

- **Start Date**: 04/03/2021
- **End Date**: 04/03/2021

- **OK**
- **Cancel**
SECR Automated Reporting using UK Govt Stats

The image shows a screenshot of a software interface for tracking and reporting on vehicles, specifically for SECR (Secure Electronic Reporting) purposes. The interface includes columns for registration, make, model, SECR type, miles driven, CO2e Kg, CO2 Kg, CH4 Kg, and NO2 Kg. The data is organized in a tabular format, allowing for detailed tracking and analysis of vehicle emissions and usage.
Vehicle Details

- Make: Audi
- Model: A6
- Colour: Black
- Date of Registration: 01 December 2005
- VIN: JTDKDB37E1084504
- Wheel Base (mm): 3157
- Chassis Length (mm): 5274
- Engine HP (bhp): 204
- Engine Capacity (cc): 2995
- CO2 (g/km): 198
- Consumption (Combined) (mpg): 30.4
- Ownership: Owned
- Leasing Company: 
- Internal Code: 
- Department: South
- Registration: VR566XD
- Breakdown Insurance Expires: 03/05/2021
- MOT Expires: Unknown
- Next Service Due: Unknown
- Motor Insurance Expires: 02/08/2020

Claims
- Policy No: MN678697
- Claim No: 02/08/2020
- Expiry: 02/08/2020
- Insurer: Zurich
- Type: Comprehensive
- Premium: £945.00
- Notes: 

Policy No: P456788
- Claim No: 03/08/2018
- Expiry: 02/08/2019
- Insurer: LV
- Type: Comprehensive
- Premium: £956.00
- Notes: 

Policy No: P456788
- Claim No: C98767
- Date of Claim: 20/01/2019
- Claim Value: £2,513.00
- Repairer: Kelly Motor Repairs
- Description: Damage to...
<table>
<thead>
<tr>
<th>Name</th>
<th>Group</th>
<th>User Name</th>
<th>Mobile No</th>
<th>Email</th>
<th>Job</th>
<th>Date Started</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davidson, James</td>
<td>South West</td>
<td></td>
<td>07760196804</td>
<td><a href="mailto:james.davidson@prospectycab.co.uk">james.davidson@prospectycab.co.uk</a></td>
<td>Business Development Manager</td>
<td>01/03/2007</td>
</tr>
<tr>
<td>Harrison, Terence</td>
<td>SW B</td>
<td></td>
<td>07760198607</td>
<td><a href="mailto:terence.harrison@prospectycab.co.uk">terence.harrison@prospectycab.co.uk</a></td>
<td>Business Development Manager</td>
<td>25/03/2008</td>
</tr>
<tr>
<td>Campbell, Elizabeth</td>
<td>South</td>
<td></td>
<td>07760196803</td>
<td><a href="mailto:elizabeth.campbell@prospectycab.co.uk">elizabeth.campbell@prospectycab.co.uk</a></td>
<td>Business Development Manager</td>
<td>25/03/2008</td>
</tr>
<tr>
<td>Healey, Joseph</td>
<td>Prosperity</td>
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<td>07760196808</td>
<td><a href="mailto:joseph.healey@prospectycab.co.uk">joseph.healey@prospectycab.co.uk</a></td>
<td>Managing Director</td>
<td>01/01/2005</td>
</tr>
<tr>
<td>Lawton, Edward</td>
<td>Prosperity</td>
<td></td>
<td>07760196809</td>
<td><a href="mailto:edward.lawton@prospectycab.co.uk">edward.lawton@prospectycab.co.uk</a></td>
<td>Quality Manager</td>
<td>01/04/2008</td>
</tr>
<tr>
<td>Walker, Philippa</td>
<td>South East</td>
<td></td>
<td>07760196814</td>
<td><a href="mailto:phillipa.walker@prospectycab.co.uk">phillipa.walker@prospectycab.co.uk</a></td>
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<td>01/04/2008</td>
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<tr>
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<td>03/03/2007</td>
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<tr>
<td>Awan, Sara</td>
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<td>07760196802</td>
<td><a href="mailto:sara.awan@prospectycab.co.uk">sara.awan@prospectycab.co.uk</a></td>
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<td>01/06/2007</td>
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<td>Newham, David</td>
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<tr>
<td>Shaw, Julia</td>
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<td>07760196801</td>
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<td>Business Development Manager</td>
<td>01/01/2007</td>
</tr>
</tbody>
</table>
Driver Details
Auto and Manual Messaging
Smart Green Drivers

My Driving
259.9 miles until formal score and classification
Your last trip classification is Conservative

Anticipation: 100
Score: 95
Aggression: 99
Speed: 83
Night Owl: 100

My Car

Map Satellite

My Daily Trip Analysis

Score
Aggression
Anticipation
Speeding
Time

Details
73 100 100 92
Speed Anticipation Aggression Score
Start: 17/08/2020 10:54
Finish: 17/08/2020 11:11
Duration: 17 Minutes
Distance: 9.80 Miles
Avg. Speed: 35 MPH
Max. Speed: 63 MPH
Classification: Conservative
Carbon Estimate: 2.8 kg
Vehicle Used: GE66 JZL

My Footprint
-0.6 kg
5.7 kg over 21.52 miles

My Places
John Ratcliffe
91 London Rd
Office
59 North St

My Notifications
Hi Simon Ralphs you have used up 83% of your points.

My Optio-Eye
Handbook and Training Modules
Summary

- All the information you need in one place to complete SECR reporting requirements for Scope I, II and III. The government statistics are built into the system.

- Goals and Targets are based on UN Sustainable Development Goals (SDG’s), basic templates in the system.

- The only procedures and standards in the system relate to SECR – the system can be used to manage any other relevant processes.

- Action management is a generic tool that can be used for managing “towards net zero” as well as operational processes.

- The system is designed to be user friendly (like Outlook) if you need help or have questions then don’t hesitate to contact support@telematicus.com

- Optio mobile application provides for data collection as well as rich and relevant driving features including a Driver Handbook and Training Modules as well as the opportunity to upgrade to a Dashcam – Opio-Eye.

- Your Smart Green Drivers Package provides for an initial base line data report as well as a system view and/or report change (additional system fields added) once per month. We have a dedicated “reporting package” and “towards net zero consultancy package” if more help is required.