Welcome to Smart Green Drivers

Smart Green Drivers is a business and consumer application suite focused on managing and improving the environmental impact and safety of driving a vehicle in the world today. For the business (fleet) it enables sustainable environmental improvements, insurance cost savings, and duty of care to employees (drivers) and other road users impacted by incidents. For the consumer it enables the convenient management of household vehicles, their maintenance, insurance, driver safety, and environmental impact. All from the touch of a smartphone.

Roadmap Towards Net-Zero

Smart Green Drivers Deck v1 Marketplace

INTRODUCTION:

Implementing a carbon strategy creating value for the business, environment and society by working within planetary boundaries.

Vehicle & Driver Sustainability Carbon Strategy - Reducing and mitigating scope 1 & 3 vehicle emissions

- **Set Targets for cost savings and emissions. Rapid payback solutions.**

- **Resource Efficiency** - Implementing Eco-driving fundamentals using both technology and adapting human behaviours to reduce carbon emissions and cost.

- **Operational Carbon Neutral** – account for all carbon emissions and invest in carbon offsets to rebalance them.

- **Work with Supply Chains**

- **Net Zero** – long term strategy to remove carbon to achieve net zero carbon emissions.

- **Integrated end to end solution** to reduce greenhouse gas emissions meeting the key sustainable requirements of : economic (technical - cost savings), environmental (resource efficiency, carbon neutral and social (safety and community).

Note:
Greenhouse Gas Protocol (GHG Protocol):
Scope 1 are direct emissions, e.g. your company's vehicle fleet
Scope 2 are indirect emissions, e.g. your building's electricity usage
Scope 3 covers a wide range of indirect emissions along your entire supply chain e.g. including logistics, business travel, employee commuting and procurement.

CARBON STRATEGY FRAMEWORK BASED ON SUSTAINABLE DEVELOPMENT GOALS ADAPTED FOR TRANSPORT

The following are industry specific opportunities for transport fleets based on the relevant SDGs (SDG 3, SDG 7, SDG 8, SDG 12, SDG 13) they provide an opportunity to create shareholder and stakeholder value.
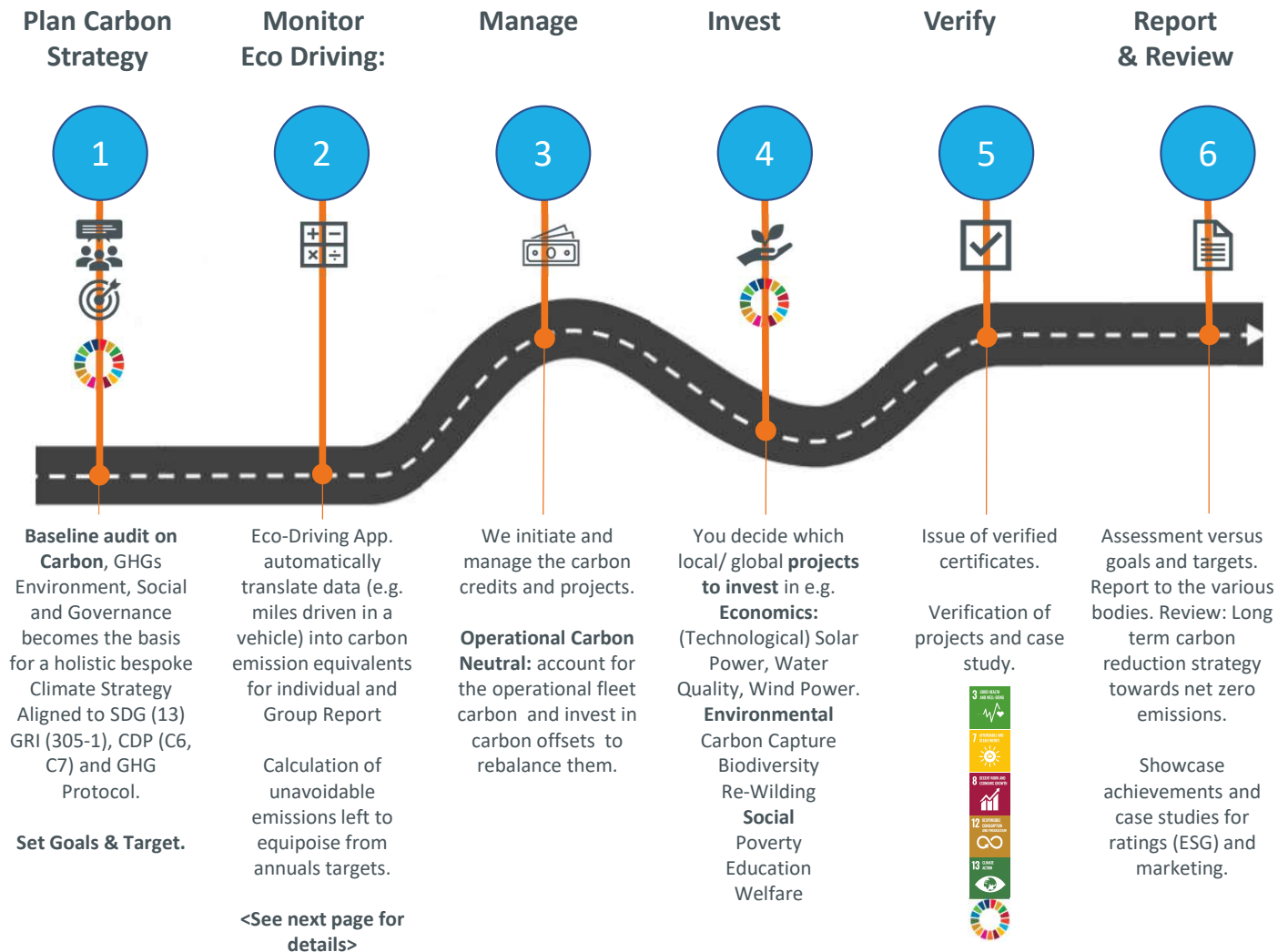
Aligned to GRI (305-1), CDP (C6, C7) and GHG Protocol.

	SDG Goal	Target /Indicator	Opportunities
3 GOOD HEALTH AND WELL-BEING	**SDG 3** Ensure healthy lives and promote well-being for all at all ages	**3.6** by *2020, halve the number of global deaths and injuries from road traffic accidents. 3.6.1 Death rate due to road traffic injuries	▪ Collaborate with governments & stakeholders to reduce deaths and injuries from road traffic accidents. ▪ Provide a proactive employee wellness program ▪ Partner with local governments/organisations in support of safe walking and cycling infrastructure.
7 AFFORDABLE AND CLEAN ENERGY	**SDG 7** Ensure access to affordable, reliable, sustainable and modern energy for all.	**7.3** By 2030, double the global rate of improvement in energy efficiency	▪ Upgrade fleets to enable use of alternative, less carbon-intensive fuels and drive the use of renewables.
8 DECENT WORK AND ECONOMIC GROWTH	**SDG 8** Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	**8.3** Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation. **8.8.1** Fatal and non-fatal occupational injuries per 100,000 workers, by sex and migrant status	▪ Implement training programs that focus on local employees. ▪ Integrate diversity and inclusiveness into supply chain management practices to provide opportunities to women and minority-owned businesses. ▪ Develop the skills of lower paid workers to give them improved professional opportunities, both within and outside of transportation sector.
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	**SDG 12** Ensure sustainable consumption and production patterns	**12.5** by 2030 Substantially reduce waste generation **12.6.1** Number of companies publishing sustainability reports	▪ Improve operation and management of vehicle fleets, to maximize the energy efficiency of transport. ▪ Substantially reduce waste generation throughout companies' life cycle, in part through the adoption of new and innovative technologies.
13 CLIMATE ACTION	**SDG 13** Take urgent action to combat climate change and its impacts	**13.1** *Invest in resilient systems, institutions and climate-smart technology to reduce, mitigate or adapt to climate change.*	▪ Take steps to measure, reduce and report climate exposure and progress on actions to confront climate change, continuing to increase the level of transparency and consistency of reporting across the industry sector.

ROADMAP TO NET-ZERO: CARBON STRATEGY

1. **Plan Carbon Strategy:** Targets and actions sets by carrying out a baseline Audit.

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

3. **Manage**: Initiate the carbon offset for unavoidable emissions. Operational Carbon Neutral: account the operational Fleet carbon and invest in carbon offsets to rebalance them.

4. **Invest**: In projects that work towards the stated SDG goals. Only approved and certified projects that do good .

5. **Verify**: Independent organisations assure the precise amount of carbon savings and issue certificate.

6. **Report and Review**: Report to the various bodies. Long term reduction strategy along with carbon removal will achieve net zero emissions.

Plan Carbon Strategy	Monitor Eco Driving:	Manage	Invest	Verify	Report & Review
①	②	③	④	⑤	⑥

Baseline audit on Carbon, GHGs Environment, Social and Governance becomes the basis for a holistic bespoke Climate Strategy Aligned to SDG (13) GRI (305-1), CDP (C6, C7) and GHG Protocol.

Set Goals & Target.

Eco-Driving App. automatically translate data (e.g. miles driven in a vehicle) into carbon emission equivalents for individual and Group Report

Calculation of unavoidable emissions left to equipoise from annuals targets.

<See next page for details>

We initiate and manage the carbon credits and projects.

Operational Carbon Neutral: account for the operational fleet carbon and invest in carbon offsets to rebalance them.

You decide which local/ global **projects to invest** in e.g. **Economics:** (Technological) Solar Power, Water Quality, Wind Power. **Environmental** Carbon Capture Biodiversity Re-Wilding **Social** Poverty Education Welfare

Issue of verified certificates.

Verification of projects and case study.

Assessment versus goals and targets. Report to the various bodies. Review: Long term carbon reduction strategy towards net zero emissions.

Showcase achievements and case studies for ratings (ESG) and marketing.

ROADMAP TO NET-ZERO: ECO DRIVING APP (RESOURCE EFFICIENCY)
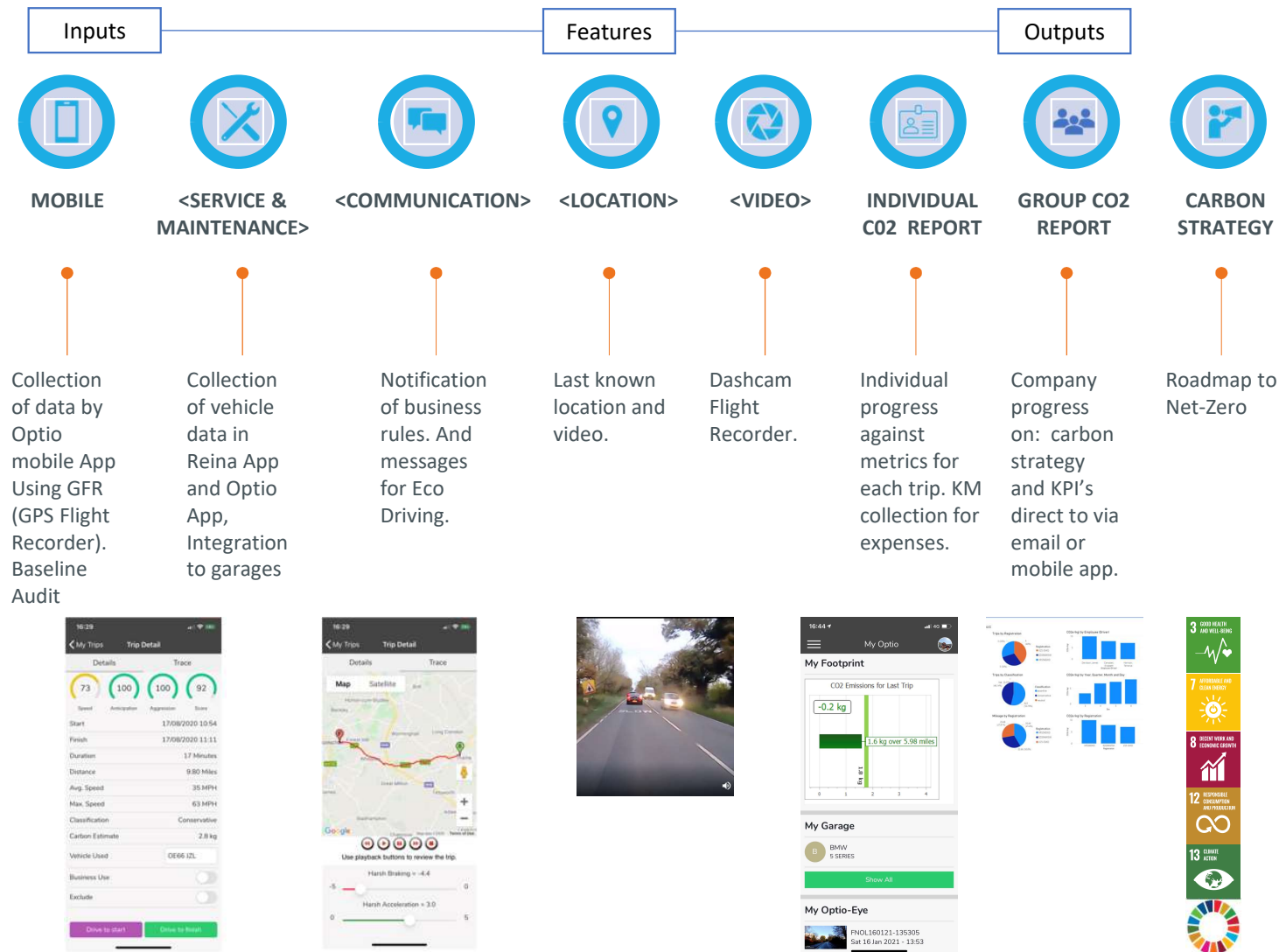
Getting the data for the carbon strategy.
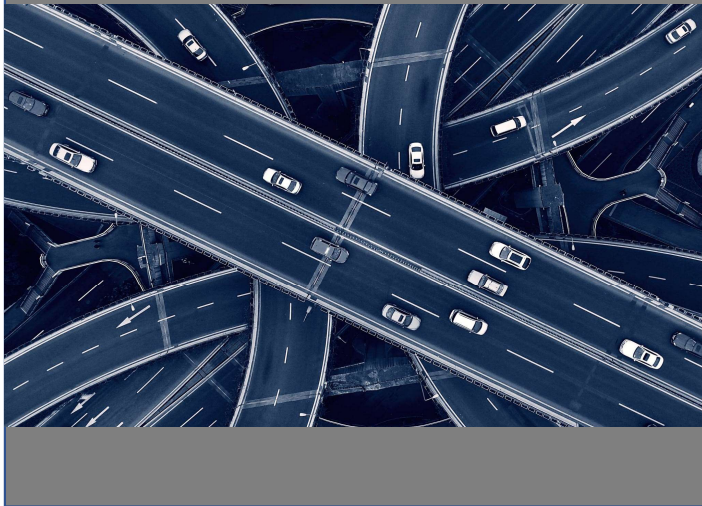
How it works?

1. Integrated solution using the latest smartphone technology. To get real time data from vehicles.

2. Data is processed with relevant modules enabled.

3. Individual Co2 reports created.

4. Drivers and vehicles are managed via communications and training to reduce emissions (resource efficiency).

5. Groups reports created to measure the progress against goals.

6. The data is used to manage the Carbon Strategy.

Inputs			Features		Outputs		
MOBILE	**<SERVICE & MAINTENANCE>**	**<COMMUNICATION>**	**<LOCATION>**	**<VIDEO>**	**INDIVIDUAL C02 REPORT**	**GROUP CO2 REPORT**	**CARBON STRATEGY**
Collection of data by Optio mobile App Using GFR (GPS Flight Recorder). Baseline Audit	Collection of vehicle data in Reina App and Optio App, Integration to garages	Notification of business rules. And messages for Eco Driving.	Last known location and video.	Dashcam Flight Recorder.	Individual progress against metrics for each trip. KM collection for expenses.	Company progress on: carbon strategy and KPI's direct to via email or mobile app.	Roadmap to Net-Zero

KEYS BENEFITS TO THE ORGNISATION & FUNCTIONS

Governance/ Reporting

- Targets aligned with business goals, SDGs and ESG.
- Engaged workforce on sustainability.
- Data for reporting and compliance to the recognised standards and reporting tools.
- Programme for Net-Zero

Sustainability /Environment

- Integrated end to end solution supporting carbon targets (Scope 1 and 3) .
- Driver messaging service for Eco- and Safe driving.
- Meeting reporting guidelines for SECR, GRI, CDP & GHG protocols.
- Carbon reduction and offset part of solution.

Personnel / Safety

- Driving Risk Profile Index for fleet and drivers
- Employees get direct personal feedback on their footprint and can engage in training
- Green Drivers App including "Rewards", "Badges", "Lift Sharing via Chat", "Offers"
- Personal safety alarm for lone driving.

Fleet Management

- Reduced Accidents, Quicker Reporting and Fuel Savings
- Towards a carbon neutral fleet – Smart Green Drivers covers the whole fleet (including grey vehicle)
- No additional hardware required
- Driver and Vehicle Manager for MOT's, Servicing, Emissions Data
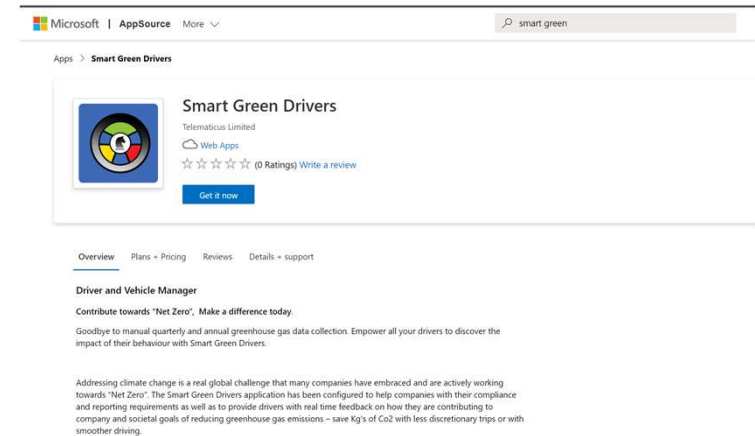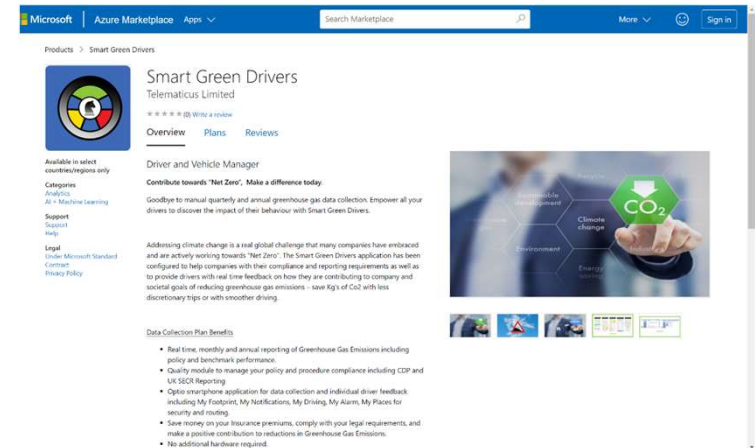- Identifies most polluting vehicles.

Choose the right plan for you

ECO DRIVING:
Delivers Savings of 5% – 15%

ROI:
4 Months

Are you interested and ready to proceed?

- Transact via App Source or Azure Marketplace

- Make use of Azure Credits if you have them

- Communicate, Collect and Contribute towards Net-Zero

- Or contact:

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