CONSAT
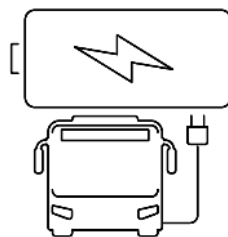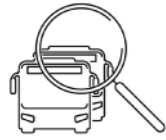### Telematics

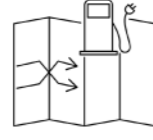# Electromobility

Optimise your business with Consat's comprehensive state-of-the-art electromobility solution, selected by PTOs and PTAs on four different continents as their preferred solution. Our real-time monitoring and historical reporting capabilities, combined with integration with the latest charging infrastructure and monitoring technologies, ensure efficient energy management for your fleet.
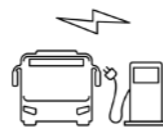
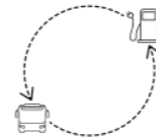Real-time monitoring for optimal fleet management.

Efficient energy management with the latest charging infrastructure.

Comprehensive charger monitoring for optimal performance.

Efficient vehicle intervention and charge point management.

Support for widely-used OCA OCPP v1.6 protocol and state of charge integration for powerful traffic management.

Real-Time Information and Charger Status – Stay Connected Anywhere

We offer real-time and historical State of Charge (SoC) values for all electric vehicles, presented in our Fleet Studio and Traffic Studio applications. It also offers an overview of all vehicles in service, as well as detailed information on one or more selected vehicles. By combining charge point information with real-time SoC information from the vehicles, fleet operators and traffic controllers get a complete and up-to-date picture of their EV fleet's charging status – so the vehicles are never left without a sufficient charge to complete their intended routes.

Energy Consumption Report – Optimise Your Energy Usage and Save Money

The Energy Consumption report provides an overview of energy consumption per journey, using SoC values, battery capacity information, and logged journey data. This report can show energy consumption per individual journey, making it easier to identify which vehicles are consuming more energy than others. This information can help to optimise the overall performance of the electric vehicle fleet.

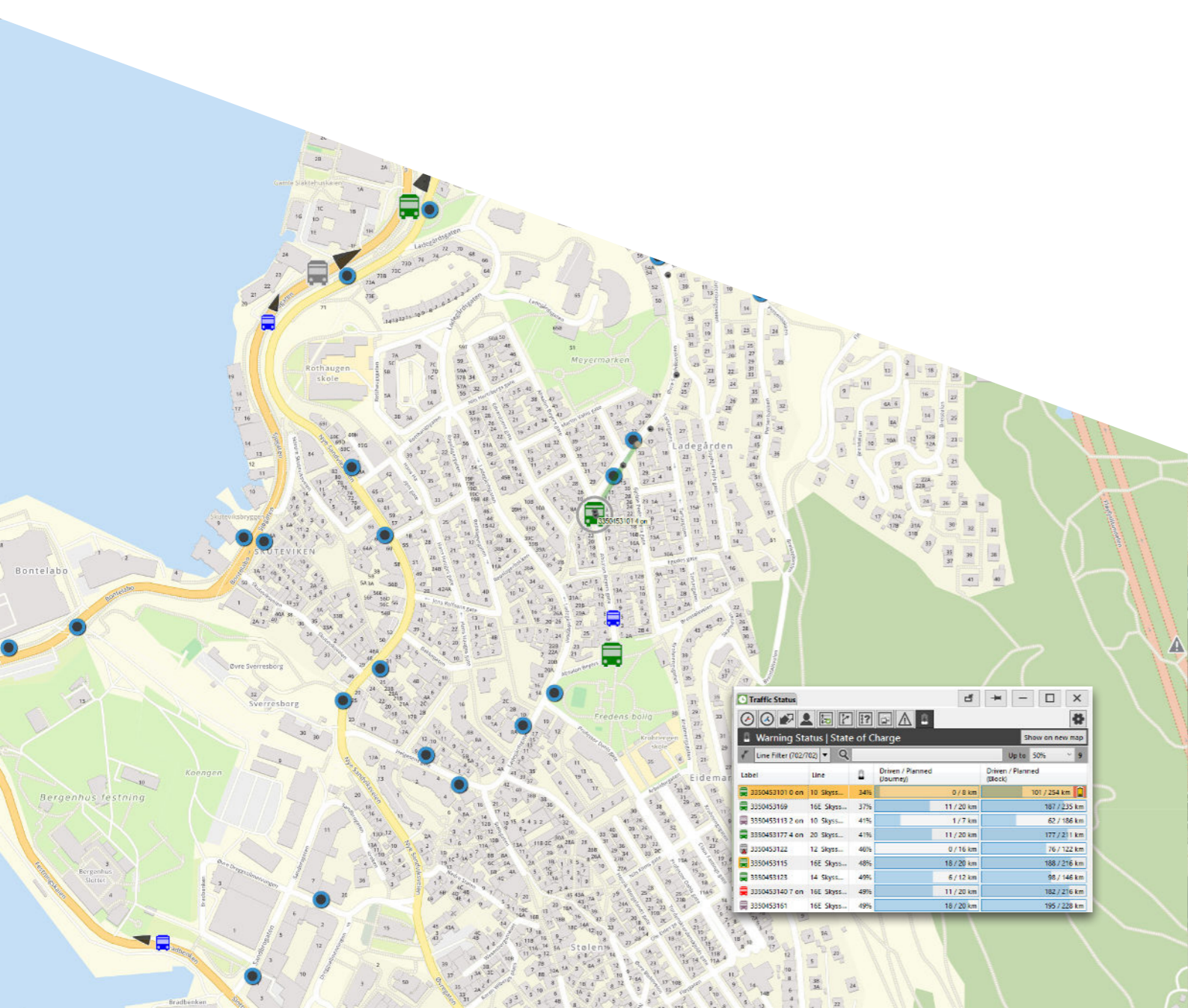### Low Charge Warnings – Always Stay Charged

Our Traffic Status dashboard includes a State of Charge section, which highlights vehicles that are running low on battery. This is useful in situations where a vehicle may need intervention, as it provides information on the remaining distance to be driven on the assigned route.

State of Charge Integration – Effortlessly Manage Battery Levels for Greater Efficiency and Productivity

By including State of Charge values in several traffic controller tools, we have made this important real-time value an integrated part of our electromobility system. This integration makes it easier to perform non-planned assignments and to quickly identify issues that may require intervention.

Real-Time Monitoring of Each and Every Charger – Stay on Top of Your Charging Infrastructure

With real-time information about charge point connection status and transferred energy, we provide all the information needed to effectively monitor and analyse EV charging infrastructure. This information is critical for ensuring that chargers are operating optimally and for planning and executing maintenance and upgrades.

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Telematics

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SAY HELLO TO TOMORROW

Traffic Management

Passenger Information

Passenger Counting

On-board Solutions

Electromobility

Fleet Management

Services

Revolutionise your electromobility offer with our best-in-class solution and experience increased operational efficiency, reduced costs, and optimised performance. Contact us and learn more.

Tel: +46 (0)31-340 00 00 Web: www.consat.com/telematics/