



# Save fuel Reduce CO<sub>2</sub> Cut costs

Lysanda produces the Eco-Log. The in-vehicle, on board software solution for reducing everyone's CO<sub>2</sub> emissions and fuel consumption.

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# Eco-Log.

## The key to reducing fuel costs and emissions.

Lysanda produces the Eco-Log, a set of tools that enable fleet operators to improve driver behaviour, saving fuel and reducing the carbon footprint. Through the in-vehicle driver aid and on-line reporting system fuel consumption can be reduced, typically achieving a return on investment within one year of installation.

Lysanda achieves this through highly targeted refinements in driver behaviour. The Lysanda team has over 100 man-years of powertrain development experience and this has combined to produce Eco-Log. These benefits cannot be delivered by conventional telematics devices as they are unable to accurately measure fuel consumption and provide the feedback to reduce it.

The accurate data that Eco-Log produces enables improved decision making and detailed accounting of fleet CO<sub>2</sub> emissions and fuel consumption.

### Our mission

- ▶ To accurately measure CO<sub>2</sub> emissions and how much fuel is used and why.
- ▶ Identify avoidable CO<sub>2</sub>.
- ▶ To find how much fuel is wasted and why.
- ▶ To implement a course of action which will address this and maintain savings.

### Value for whom?

- ▶ Vehicle operators who need to accurately measure their carbon footprint.
- ▶ Fleet operators who need to report and control fuel consumption.
- ▶ Vehicle operators who need to reduce costs by improving the efficiency of their vehicles.
- ▶ End users who want to understand the impact of their driving behaviour.

### Driving behaviour

Driving behaviour has a significant effect on fuel consumption, maintenance costs and accident rate.

### The solution

We compare actual fuel consumption with the optimum achievable and are able to identify how much fuel was wasted, why it was wasted, and how that waste could have been avoided.

This information is presented to the driver in 'real time' through advisory driver aid and reported to fleet managers as KPIs.

### How customers can benefit from Eco-Log

Effective remedial action can only be built upon high quality data with meaningful feedback.

### Benefits

- ▶ Reduces CO<sub>2</sub> emissions.
- ▶ Reports carbon output for compliance or carbon trading purposes.
- ▶ Highly accurate – means informed decision making.
- ▶ Low cost solution – earlier return on investment.
- ▶ Works on all CAN, K-Line and KWP based on-board diagnostic (OBD) protocols – plug and play.
- ▶ IP and Know how – we are the experts in obtaining savings, and work closely with our customers to ensure that savings are delivered.



### Eco-Log | Metro

Our standard product targeted at fleet operators. Metro incorporates the Eco-Log driver aid system and remote reporting to a web server.

### Eco-Log | Pro

Pro is targeted at the vehicle development industry and operators requiring in depth analysis. Pro provides second by second data logging and additional I/O.