

## Final Event – Glossary of terminology used

Term or Acronym	Meaning
<b>Baseline period</b>	The part of the data collection during which the function(s) operate in "silent mode", that is, they collect data, but do not give any signals to the driver. From the viewpoint of the driver the function(s) is/are off.
<b>BCR</b>	Benefit-Cost Ratio
<b>CAN Bus</b>	A CAN bus (Controller Areas Network) is a vehicle bus standard designed to allow microcontrollers and devices to communicate with each other in applications without a host computer.
<b>CBA</b>	Cost Benefit Analysis
<b>Controlled study</b>	Study where the effect of a system is assessed based on a Baseline/Treatment comparison where pre-determined routes are scheduled for all participants.
<b>Embedded system</b>	An ecoDriver system that uses detailed vehicle data (CAN bus or OBD), i.e. an OEM system or a FeDS.
<b>EV / FEV</b>	(Fully) Electric Vehicle
<b>FB</b>	Feedback
<b>FeDS</b>	The Full ecoDriver System.
<b>FF</b>	Feed-forward
<b>Haptic system / feedback</b>	In ecoDriver: using (variations in) gas/accelerator pedal force as an HMI.
<b>HMI</b>	Human-Machine Interface. In ecoDriver, the HMI can have haptic, visual and auditory components.
<b>HuD</b>	Head-up Display
<b>ICE</b>	Internal Combustion Engine
<b>Naturalistic Driving (ND)</b>	Refers to studies undertaken using unobtrusive observation when driving in a natural setting.
<b>Nomadic system</b>	ecoDriver smartphone app

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<b>NOx</b>	Nitrogen oxide
<b>NPV</b>	Net Present Value
<b>NUTS</b>	Nomenclature of Territorial Units for Statistics (French acronym: <i>Nomenclature des unités territoriales statistiques</i> )
<b>OBD</b>	On Board Diagnostics
<b>OEM</b>	Original equipment manufacturer
<b>PHEV</b>	Plug-in Hybrid Electric Vehicle
<b>PI</b>	Performance Indicator
<b>PKE</b>	Positive kinetic energy
<b>RPM</b>	Revolutions per minute are a measure of the frequency of rotation, in ecoDriver context: the engine's rotational speed.
<b>SV</b>	Situational Variable: An aspect of the surroundings made up of distinguishable levels. At any point in time at least one of these levels must be valid.
<b>THW</b>	Time headway
<b>Treatment period/ phase</b>	The part of the data collection during which the function(s) are switched on by the experimental leader, such that they are either active all the time, or can be switched on or off by the driver.
<b>TTC</b>	Time to collision
<b>UCD</b>	User-Centred Design
<b>VMC</b>	Vehicle Management Centre (ecoDriver test site)
<b>WTP</b>	Willingness to pay