

ECOdrive Geofencing

Zero-emission driving inside predetermined geozones with hybrid vehicles



Vehicle



ECOdrive



Connected



Network



Electric vehicles



Extension of range



Hybrid vehicles



Geofence

Geofence

The ECOdrive, when combined with ECOdrive Connected (ECOdrive Geofencing), manages the use of the engine/range extender in hybrid vehicles. ECOdrive Geofencing makes it possible for hybrid vehicles to be permitted to drive in ZERO emission zones. GNSS localisation is used to control the system so that the combustion engine is automatically blocked and/or switched off within geozones in which only electric vehicles are permitted. When the vehicle leaves the geozone, the use of the combustion engine is automatically permitted again, allowing the batteries to recharge.

The functioning of ECOdrive Geofence cannot be influenced by drivers. All relevant data is stored for evidentiary purposes in the ECOdrive cloud environment, as a result of which authorised third parties (such as local authorities) are able to check that data and to verify that hybrid vehicles are only driven electrically within the predetermined geozones. ECOdrive can provide accurate data about the location(s) and the current battery status of the vehicles in the fleet, enabling fleet managers to schedule vehicles for journeys within geo zones in a responsible and efficient way.