

A streamlined approach to thermal energy optimisation

Case study overview

The move towards electrification has seen energy efficiency take on unprecedented significance in automotive development.

In cold conditions, as much as 40 per cent of the energy consumed by an electric vehicle is required to heat and maintain the cabin and the powertrain. This large swing in potential vehicle range is a

barrier to EV adoption and a huge area of improvement for manufacturers.

HORIBA MIRA's Vehicle Thermal Energy Optimisation Suite (VTEOS) is essentially a 'mini-wind tunnel' that enables automotive manufacturers to slash the time and cost associated with this type of development.

Engineering team deployed: The VTEOS facility is run by 3-4 permanent staff in the UK, with access to a 25-strong team of subject matter experts and support engineers.

