



Ricardo have experience with light 4 wheeled vehicles with combustion, electric and hybrid powertrains

Situation and objective

- Ricardo can meet your requirements for any stage of the design process in light 4 wheeled vehicles
- Our offering can be highly tailored to suit your requirements; for example with respect to the electrification or hybridisation of a SxS vehicle

Approach

- Ricardo has an established method of talking your critical attributes to ensure the appropriate design is chosen
- Interactions during the concept design phase provides a balance between powertrain and electrical systems, 3D CAD and vehicle simulation to ensure the specification is sufficient to meet the required duty cycle/mission profile
- We can create demonstrator vehicle, or design documents

Results and benefits

- Using this approach, Ricardo have satisfied a number of customers
- Demonstrator vehicles have been created allowing Ricardo to highlight the validity of our work
- It has been used to understand how appropriate certain products are to alternative powertrain technologies for example
- Ricardo can provide a full service for such vehicles covering powertrain and vehicle engineering aspects