



Electric urban vehicles with new ultra-light concepts

Situation and objective

- The European Commission fund a research programme which is aimed to develop two full electric L-category vehicle for the urban mobility
- The project started in May 2015 and has a duration of 3 years
- Ricardo Motorcycle is one of 14 participants, e.g. Piaggio, KTM, Bosch, Magneti Marelli and other European experts
- Ricardo Motorcycle is the work package leader of the power train. The tasks of modelling and simulation to predict performance, consumption, range and power train dimension definition will be covered

Ricardo responsibilities

- Responsibility of the electrical power train
- Main contact and work package management of electrical power train

Results and benefits

- Project end: April 2018
- Two running demonstrators built
- All the project targets have been achieved
- Zero emissions and low noise, congestion and energy consumption were demonstrated

