

## Powertrain ICE



At Applus+IDIADA we have extensive experience in engine management development and designing ECU electronics, platform software and strategies, such as prototype and production, including OBD and after-treatment.

- Controls - rapid prototyping
- Benchmarking
- Emissions testing: homologation and R&D
- Calibration on test bench and test tracks

Powertrain: EV/HEV

- Development of ECU electronics, platform software and strategies
  - Energy management & supervisory control
  - Safety monitoring
  - E-drive control system development
- Benchmarking
- Powertrain integration
- Cell, module tests and battery system tests
- Charge station testing and certification
- Supplier selection and management
- High-voltage safety
- Vehicle homologation