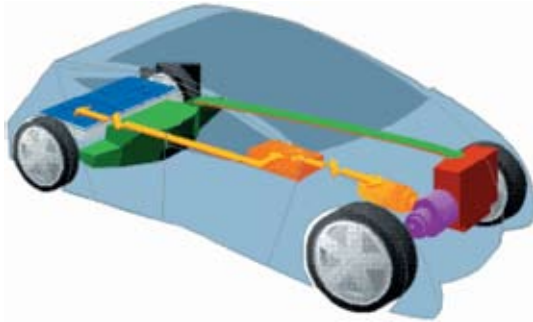


Emulation of electrotechnical systems by active load



Dedicated to the development and the validation of electronic equipment; allows testing in exactly reproduced original environment.

ADVANTAGES

Solution of “hardware in the loop” type, reproduces:

- Every electrotechnical element (electrical motor, alternator, ...)
- Any power source (batteries, fuel cell, three phase network, ...)

A calculator (DSPACE) integrated in our emulator enables to react quickly to its environment. Systems up to 800V and/or 500A can be tested with direct, alternative or random current.

EXAMPLES

Tuning and validation of the electrotechnical architecture of a hybrid or electrical vehicle
Validation of the variable speed drive of an electrical motor

