





## Components/Systems for new Vehicle Concepts

## **SITUATION**

A large number of components/systems in future vehicles will be new or change essentially

Many of these components/modules and systems are not developed yet and therefore not available for serial automotive application

Electric motor drives, specific transmissions, control units
Safety and diagnostic equipment
Cooling and heating sytems, air supply and water supply
(Hydrogen)storage sytems and refueling hardware
Valves, valve trains, valve gears
Cryogenic composite lines, filler pipes
Different sensors (capacitive level, temperature, pressure, etc)
Heat exchanger, condensors
Detectors, fittings, connectors, signal lines, membranes, seals, filters
(Ultra)capacitors, batteries

Datum

Autoi

System integration

AUTOMOBILENTWICKLUNG / ENGINEERING :

