// Fuel Cell Test Center and System Development

// Fuel Cell Testing
- 20 test benches from 100 W to 100 kW on 700 m² laboratory area
- 200 kW full dynamic automotive test platform
- Ultra high dynamic short stack test bench
- Test bench development
- Hydrogen, synthetic reformate, air, synthetic air
- Test of low & high temperature PEM fuel cell stacks, systems & system components
- Hardware in the loop tests
- Cost efficient 24/7 durability tests
- Fully adjustable test bench hard- & software
- Data-, post-mortem- & fault-analysis

// Tests according to DIN 62282
- All type approval and performance tests according to DIN series 62282
- Climate-, vibration- & shock-tests
- Compressive-, tensile- & shearing-tests
- Isolation- & dielectric strength tests
- Concentration-, pressure- & temperature tests

// System Development
- Hydrogen / Oxygen, Hydrogen / Air, Reformate / Air
- 500 W to 50 kW
- Portable, Stationary, Automotive
- Fuel Cell – Battery Hybrids, Power Electronics
- System Controls & Security Routines
- System Simulation & CAD – Studies
- Packaging- & Certification-Assistance

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// Energy with a future
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