



# CONVERSION OF TEST CELLS FOR THE DEVELOPMENT OF HYDROGEN COMBUSTION ENGINES

DSi develops solutions for implementing hydrogen distribution equipment in test cells for ICE (Internal Combustion Engines).



Our services cover all steps for converting conventional fuel distribution systems to hydrogen, including safety issues:

- **Pre-study:** analysis of your existing test equipment and proposal for implementing a cost-effective solution
- **Risk analysis**
- **Engineering:** selection and implementation of all components piping, valves, pressure regulation, flowmeters, leak detection probes, etc.
- **Safety:** selection and implementation of H<sup>2</sup> detection probes; installation of a dedicated PLC with software for real-time detection of H<sup>2</sup> leaks
- **Upgrade of equipment** already installed in your test cell to minimize accumulation of hydrogen: ventilation system, isolation of electrical distribution cabinets and other electrical equipment
- **Supply of hardware and in-situ installation services**
- **Validation and assistance for accreditation** with local authorities

## CONTACT US

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