

Faurecia will participate for the first time at the Hannover Messe (April 23rd -27th 2018) with a booth located in the Hydrogen Fuel Cell Battery Group Exhibit (C76).

Faurecia will demonstrate its solutions for fuel cell vehicle that will support the automotive industry's evolution toward zero emission mobility.

Innovations showcased at the booth are the result of the rapid development of Faurecia's innovation ecosystem through partnerships, acquisitions and investment in start-ups.

Faurecia has been exploring ways to improve and industrialize fuel cell technology for the automotive industry by optimizing the high-pressure tank and delivery of hydrogen gas to the stack. Faurecia brings its extensive experience in systems integration to combine the storage, pressure management and fuel cell stack technologies into a full solution for light vehicle as well as commercial vehicles.

Among the technologies highlighted are:

- The high-pressure hydrogen storage system

Partnering with Stelia Aerospace Composites which draws on 30 years' experience in providing high-pressure hydrogen tanks for the aerospace industry, Faurecia is developing lightweight and cost-effective 700 bars hydrogen storage solutions. And with the Ad-Venta partnership, Faurecia brings together cutting-edge expertise in high-pressure gas management automotive system integration capabilities. This leads to a best in- class compact valve that safely transforms 700 bars pressure to under 10 bars in one single step.

- Fuel Cell Stack

Faurecia is collaborating with the French Alternative Energies and Atomic Energy Commission (CEA). Faurecia benefits from more than two decades of CEA research and expertise in fuel cell stacks and the key components development such as the bipolar plates, which are critical for improving the efficiency of the fuel cell stack.