

Plastic Omnium becomes partner of MissionH24 and exclusive supplier of the hydrogen storage system for cars competing in the 24 Hours of Le Mans from 2024

With the 2020 24 Hours of Le Mans fast approaching, Plastic Omnium has become the partner of MissionH24, the project developed jointly between the race's promoter, Automobile Club de l'Ouest, and GreenGT, the Franco-Swiss high technology group specializing in high-powered electric-hydrogen propulsion systems. MissionH24's objective is to establish a category for electric-hydrogen prototypes in the 24 Hours of Le Mans from 2024 on.

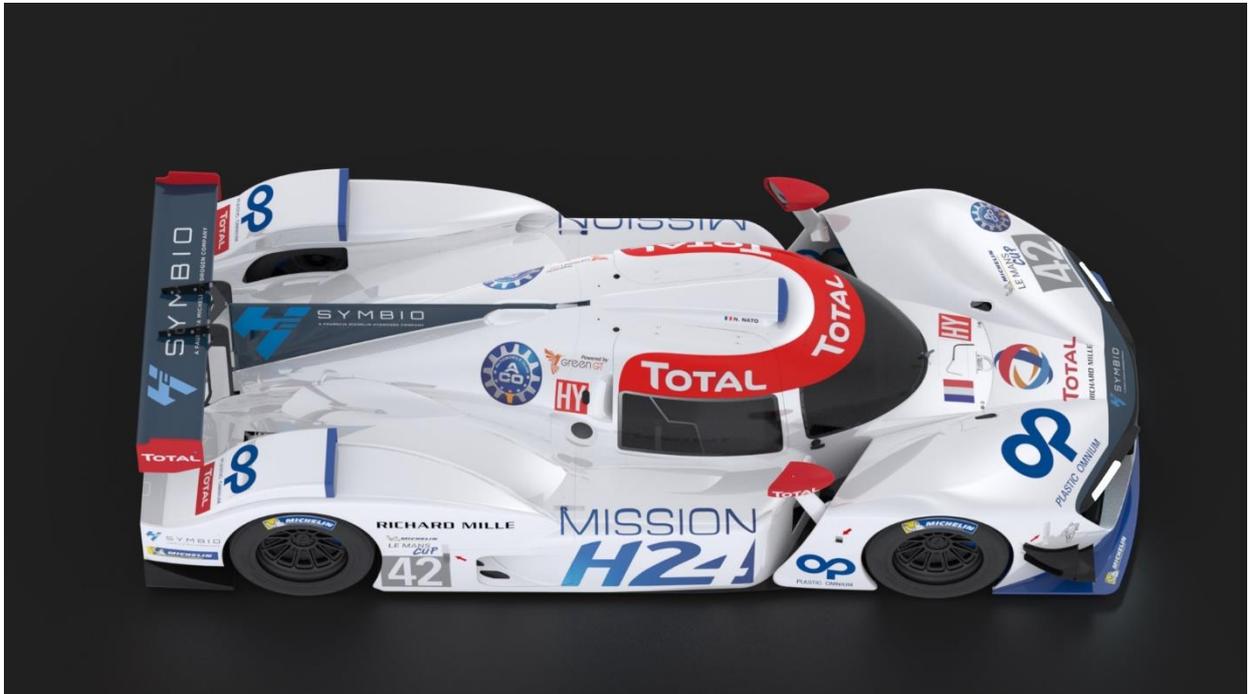
Plastic Omnium will be the exclusive supplier of hydrogen gas storage systems for all teams competing in this new hydrogen category.

To achieve this goal, Plastic Omnium will provide hydrogen storage for all race prototypes developed by MissionH24 up until 2024. The prototypes will be used to test the technologies before using them in competition cars from that year on. These systems will be tested in both closed trials and races to demonstrate the potential of the zero-emissions hydrogen technology.

On Saturday, September 19 at 2:12 p.m. MissionH24's LMPH2G prototype, designed by GreenGT, will complete a lap of the circuit in the build-up to the 2020 24 Hours of Le Mans, which starts officially at 2:30 p.m.

The high-pressure hydrogen storage systems developed by Plastic Omnium will be subjected to highly demanding operating conditions in terms of speed, refueling frequency and temperature. They will be certified to automotive standards and will enable Plastic Omnium to showcase its expertise in Type 4 tanks – carbon-fiber shells with a plastic liner – and strengthen its links with the auto manufacturers pioneering this technology.

“For this project, we’ll be developing systems subject to extreme operating conditions. Motor sport and large-scale auto industry both require performance, safety and innovation, and MissionH24 is more than a technological demonstration – it’s an amazing laboratory in which to accelerate our hydrogen storage innovations, working closely with auto manufacturers.”
Christian Kopp, President and CEO of Plastic Omnium Clean Energy Systems.



About Plastic Omnium

Plastic Omnium is the world leader in intelligent exterior systems, clean energy systems and modules for cars. The Group supports 93 automotive brands in meeting the challenges of creating the clean car of tomorrow.

Plastic Omnium's storage and emission reduction systems are suitable for all engine types: diesel, gasoline, hybrid and plug-in hybrid. The Group quickly foresaw the importance of hydrogen technology for zero-carbon mobility and, since 2015, has committed more than €200 million in investment to developing a comprehensive offer ranging from hydrogen storage to fuel cell systems. It already holds certifications for its 350- and 700-bar tanks and has received orders from bus and truck manufacturers.

Plastic Omnium is also committed to promoting hydrogen, in particular as a member of the Hydrogen Council and the European Clean Hydrogen Alliance.