



Press Release

Aix en Provence, Wednesday 24th June 2015

**“I-Fusion”, the first “smart fuel” car worldwide, ended its European road trip in Brussels.
The eco-mobility challenge made in Provence!**

Tuesday, the 16th of June, 2015, the European Commission in Brussels welcomed “I-Fusion”, the first car equipped with an on-board miniaturized fuel quality sensor, which can help to reduce the liquid fuel consumption as well as pollutant emissions of any internal combustion engine vehicle.

SP3H was pleased to conclude this European road trip in the European Commission’s headquarters, Brussels, as the Horizon 2020 SME Instrument supporter of the “I-Fusion” programme. It represented the opportunity to show the outcomes of the car, as the successful result of the first phase of the H2020 SME Instrument programme.

After intensive R&D by SP3H, I-Fusion is the first step of sensor implementation in running vehicles, with:

1 car, 1 near-infrared fuel sensor, 1 set of connected software, 15 European countries travelled across, 50,000 km of road running and a SP3H team dedicated to the successful outcome of the “I-Fusion” challenge over the last 4 months.

The objectives of « I-Fusion »:

The objective – and the I-Fusion challenge – was to demonstrate the durability, the accuracy and reliability of the on-board fuel quality sensor and to identify real field fuel variability across Europe.

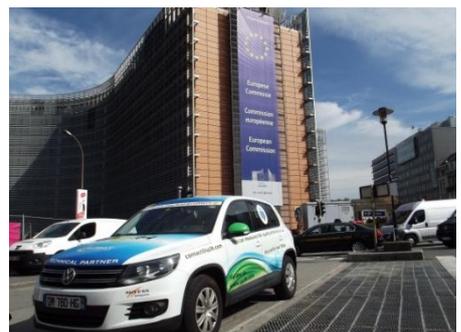
Convinced by the opportunity for reduced fuel consumption and reduced CO2 emissions that this technology represented, the European Commission chose to support the SP3H project as part the Horizon 2020 programme. SP3H was the unique French company selected by the European Commission in the “Green Transport” category, and SP3H delivered on the challenge. Now it is time to move forward with preparation for the industrialization of the sensor.

We were delighted to finish the I-Fusion European road tour in Brussels and provide clear proof to stakeholders that our fuel quality sensor technology works accurately and reliably. We can now move forward with industrialisation of the technology for delivery to automotive and other markets.

Dennis HAYTER
CDO of SP3H



I-Fusion gallery





Alain LUNATI
CEO of SP3H

It was a proud day to be in Brussels and able to show the complete success of the I-Fusion programme to the EC Directorates that have supported us. We look forward to further vindicating their confidence in the sensor technology as we implement more widespread introduction and full vehicle integration.

SP3H at a glance

In 2015, SP3H celebrates its 10th year of involvement in researching and developing innovative solutions for a more responsible and greener mobility.

A team of experts in fuel chemistry, optoelectronics, signal treatment, and automotive engineering make up the historical team of SP3H alongside Alain Lunati, the founder. SP3H has developed fuel quality sensors that can provide fuel molecular structure data to the engine control unit (ECU) to achieve engine settings modification, delivering a 5% gain in fuel efficiency and a 20% reduction in pollutant emissions – and is now taking the technology forward for early volume production.

SP3H has the FCPI (BPI) label and owns a portfolio of 11 patents recognized and registered across 27 countries.

More details: www.sp3h.com

Horizon 2020 at a glance

Horizon 2020 is the biggest European Research and Innovation programme ever. It gathers all actions taken in research and innovation together for the first time in a unique program.

The program centres funding on three priorities: Science Excellency, Industrial Primacy, and Societal Challenges.

Thanks to this program, the European Commission targets, from now to 2020:

- A 20% reduction in CO₂ consumption in European countries
- A 20% improvement in energy efficiency
- A 20% part of renewable energies integration in the global European energy strategy

More details: www.horizon2020.gouv.fr

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