



Press Release

Aix en Provence, Thursday, July 23<sup>rd</sup> 2015

**The eco-innovative company SP3H moves ahead in 2015!  
Continuing evolution to achieve first product industrialization.**

**2015** is all about making **crucial steps** forward for SP3H. The first phase of the Horizon 2020 SME Instrument program was successfully completed on the 16<sup>th</sup> June. I-Fusion – the first “fuel smart” car – came to the finish of its European road trip in front of the European Commission in Brussels. The objective – and the I-Fusion challenge – was to demonstrate the durability, accuracy and reliability of the on-board fuel quality sensor and to identify real field fuel variability across Europe; all of which we are pleased to report were fully achieved and validated.

The company is now looking forward to implementing the second phase of the program: **industrialization**. In order to be ready for this, SP3H prepared to enhance its organizational structure in mid-2014, with the objective of making an efficient start to the industrialization process. The management team was strengthened with Dennis HAYTER joining SP3H to cover business development activities.



**Dennis HAYTER - CDO**

Last August SP3H called on Dennis HAYTER's services, as **Chief Development Officer**. The goal of Dennis is to develop the market through new applications and prepare the company to make the most of the technology industrialization phase.

Dennis was the founder of two previous firms in the Transportation industry and was then involved in the consulting sector as a Practice Leader at Booz Allen & Hamilton and AT Kearney, and a Partner with Roland Berger & Partners International Strategy Consultants before assisting in 2001 with the set-up of Intelligent Energy, the fuel cell power business which floated in June 2014, where he was VP of Business Development and External Programs.

**European Commission support**

Convinced by the opportunity for fuel consumption and CO<sub>2</sub> emissions reduction that this technology represented, **the European Commission chose to support the SP3H project as part of the Horizon 2020 program**. 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.

*“Through the I-Fusion European road trip, we provided clear proof to stakeholders that our fuel quality sensor technology works accurately and reliably. We can now move forward with industrialization of the technology for delivery to automotive and other markets and we are already well advanced in selecting an industrial partner to work with.”*

Dennis HAYTER  
CDO of SP3H



Alain LUNATI  
CEO of SP3H

*"I-Fusion is the fulfilment of more than ten years of Research and Development in favor of our eco-innovative solution. We have been prepared since mid-2014 to face the industrialization phase. Now, I can proudly say that the process is about to start. The objective is then to launch the full vehicle integration of our technology."*

### SP3H at a glance

In 2015, SP3H celebrates its 10<sup>th</sup> 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 processing, and automotive engineering makes 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 (former BPI) label and owns a portfolio of 11 patents registered across 27 countries.

More details: [www.sp3h.com](http://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 focuses 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 CO<sub>2</sub> 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](http://www.horizon2020.gouv.fr)

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