



## **Unveiling of UK's First Hydrogen Fuelling Dispenser**

### **Located at Sainsbury's Supermarket Forecourt**

London, UK (11th March, 2015): The UK's hydrogen transport system took an important step forward today with the opening of the country's first supermarket hosted hydrogen station. Kick-starting a public hydrogen refuelling network in London, the flagship SmartFuel® dispenser is hosted by Sainsbury's, one of the UK's largest grocers, at its Hendon store.

Owned and operated by Air Products, this latest addition strengthens an existing network of hydrogen stations operating in the Capital, including a newly upgraded, publicly accessible dispenser at Heathrow. Together these stations continually meet demand from a burgeoning number of hydrogen-powered fleets ranging from taxis to delivery vans operated by Commercial Group, and a number of Hyundai ix35 fuel cell cars.

Business Minister Matthew Hancock said: "Hydrogen cars present us with a huge potential economic opportunity and can bolster our internationally renowned automotive industry. We want to make the UK one of the best places in the world to design, manufacture and sell ultra-low emission vehicles but we need the right infrastructure in place.

"Hydrogen refuelling stations are a step towards a cleaner future."

As the commercial roll-out of hydrogen vehicles nears, the parallel implementation of fuelling infrastructure will enable the UK to take full advantage of the technology's benefits. Coinciding with a special exhibition running at City Hall this week, the new station is a great example of how using hydrogen as a transport fuel can help power London's low carbon future.

"Encouraging people to consider and ultimately choose hydrogen as a transport fuel is an important part of London's progression towards a low carbon future," commented Diana Raine, LHNE Co-ordinator and Air Products' Hydrogen Energy Business Manager. "By working with responsible partners such as Sainsbury's and providing networks of fuelling stations in convenient locations, we will be able to offer the public a real alternative to petrol."

Not only can hydrogen fuelling technology play an integral role in reducing CO2 emissions but it can also improve air quality and combat climate change. Drivers benefit from a quieter and more comfortable driving experience due to the quiet operation and smooth acceleration of hydrogen fuel cell vehicles. There's also little sacrifice to transport performance with refuelling taking less than three minutes and hydrogen powered vehicles offering the same range and speed as conventional vehicles.

The 700-bar SmartFuel® station at Hendon is being delivered as part of an important vital project aimed at creating the UK's first hydrogen transport system. The London Hydrogen Network Expansion (LHNE) project, backed by UK government, is co-funded by Innovate UK.



Avishai Moor, Sainsbury's Head of Fuel said: "We're always looking at ways to offer our customers the latest technology when it comes to fuelling, and hydrogen vehicles are both environmentally friendly and efficient. We're thrilled to be the first supermarket in the UK to bring this new technology to our customers."

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### EDITOR'S NOTE:

The LHNE consortium, led by Air Products, is delivering a publicly accessible, state-of-the-art fast-fill 350 and 700 bar hydrogen fuelling station network, over a period of three years. The fuelling station at Heathrow airport, offers 350 and 700 bar fuelling, and a brand new station with a matching specification is now operational at the Sainsbury's supermarket in Hendon. The creation of this network is particularly important because the hydrogen fuel cell passenger cars now coming to market require a 700 bar fuelling system.

The **Technology Strategy Board** is the UK's innovation agency. Its goal is to accelerate economic growth by stimulating and supporting business-led innovation. Sponsored by the Department for Business, Innovation and Skills (BIS), the Technology Strategy Board brings together business, research and the public sector, supporting and accelerating the development of innovative products and services to meet market needs, tackle major societal challenges and help build the future economy. For more information please visit [www.innovateuk.org](http://www.innovateuk.org).

For more information about the LHNE consortium members please visit:

Air Products - [www.airproducts.com](http://www.airproducts.com).

Anglo American - <http://www.angloamerican.com/>

Cenex - [www.cenex.co.uk](http://www.cenex.co.uk)

Commercial - [www.commercial.co.uk](http://www.commercial.co.uk)

Element Energy - [www.element-energy.co.uk](http://www.element-energy.co.uk)

GLA - <http://www.london.gov.uk/hydrogen>

Johnson Matthey - [www.matthey.com/](http://www.matthey.com/)

Hyundai - [www.hyundai.co.uk](http://www.hyundai.co.uk)

HAL (Heathrow) - [www.heathrowairport.com/about-us/community-and-environment/sustainability](http://www.heathrowairport.com/about-us/community-and-environment/sustainability)

Revolve - [www.revolve.co.uk](http://www.revolve.co.uk)

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