Project in the 1st call of the European FCH JU

Lighthouse Project for the Demonstration of Hydrogen Fuel Cell Vehicles and Refuelling Infrastructure in Scandinavia

Intermediate report H2moves Scandinavia

Collaborative Project No. 245101

DELIVERABLE

D8.2

Project launch press seminar

8 Mars 2012

AUTHOR: Christine Apelgren, Hydrogen Sweden, Drottninggatan 21
SE – 411 14 Gothenburg, SWEDEN,
+46 708 837683, www.vatgas.se

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Project launch press seminar

The project launch press seminar was held an early Monday morning 07.30 – 0900, in conjunction with the demonstration launch event at SINTEF, Oslo, 21 November 2011. The session was exclusively performed for the press and the VIPs and even though the event had to start at 07:30 a.m. on a Monday morning, due to the Zero Conference beginning at 10:00 at Gardemoen Airport some 40 km away, it attracted +100 persons.

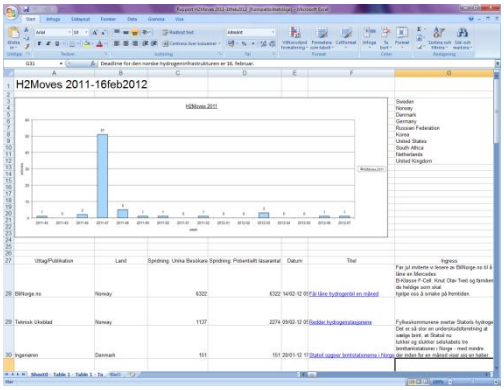
The contents of the seminar included information about the H2moves project itself, its background (FCH-JU, Transnova and the EUDP partners), future strategies for the fuel cell business in Oslo and Europe, and the program for the rest of the Oslo Event Week. See attached document: Schedule for Press Seminar, inside SINTEF

Media releases and press invitations were sent out jointly by the project partners in several languages; English, Norwegian, Swedish and German. The Norwegian press - invited by SINTEF – showed a big interest physically at the site.

Global press interest

In addition to the physical press visiting the H2moves launch we have also via our media monitoring tool; Melt Water, access to reports that shows there has been global interest.

Articles - world wide – have been written about the H2moves project after the press seminar. See attached document: Report H2moves



Global media interest - Report H2moves

Content of the press releases:

- Information about the H2moves Scandinavia project
- 10 new Daimler FCEV:s and the 2 new Hyundai FCEVs in Oslo
- The new project partner – HME/Hyundai
- The opening and the inauguration of the H2 Logic hydrogen refueling station at the SINTEF site in Gaustad, Oslo
- The program of the full Oslo Event Week (The launch event, H2mS attending at the Zero Conference and the ride&drive event at Aker Brygge)

Press Seminar – Ulrich Bünger, LBST and Goril Andreasen, Zero

Press Seminar – Bjorn Simonsen, HyNor

Press Seminar – Sven Wolf at press corner

Press seminar: Mingle/breakfast moment

The project launch press seminar - part of the larger program during the Oslo Event week:

- 21 November - Project launch press seminar

- 21 November - Inauguration of the H2 Logic refueling station at SINTEF, Oslo (Gaustad) and official release of ten new Daimler Mercedes Benz B-class F-CELL and two new Hyundai ix35 FCEV.

- 22 November - H2moves Scandinavia participates at HyNor Session/Zero Conference, Oslo: http://www.zerokonferansen.no/zeroconference with two project presentations by Johnny Danielsen/Bertel O. Steen, Director Mercedes-Benz Passenger Cars, Norway and Björn Aronsson, Hydrogen Sweden. + Daimler and Hyundai cars represented and possible to test drive.

- 26 November - Public Driving at Aker Brygge:

  Represented: Mercedes 4 B-class F-cell, 2 Hyundai IX 35 FCEV and 4 Th! nk.

Media Result of the Project launch press seminar:

Two Norwegian TV-channels – NRK 1 and NRK 2 broadcasted the 21 November event from the inauguration of HRS site, and initiated and broadcasted a parade with all available (appr.10) FCEV cars in the city centre of Oslo, at Karl Johan Street, close to the Parliament. They also performed interviews in the TV studio and outside in the street in between the cars (Michael Justiniano/Bertel O Steen, Steffen Møller-Holst/SINTEF).

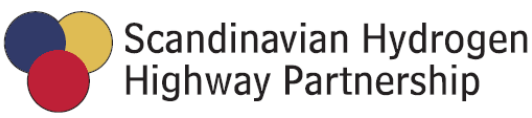
Links and photos from press seminar:
http://www.scandinavianhydrogen.org/h2moves
and at YouTube, Facebook, Flickr.

Press attending the HRS Inauguration at SINTEF, 21 November

- Norwegian Radio channel
- NRK 1 http://www.nrk.no/nrk1/
- NRK 2 http://www.nrk.no/nrk2/
- Finansavisen/Fremtidens By - Terje Dahl http://finansavisen.hegnar.no/
- Ingenjörsnytt – Kari Larsson – Aas
- Norsk Telegrambyrå – Oivind Skar http://www.ntb.no/
- Motorbladet – Rune Korsvoll http://www.ba.no/motormagasinet
- Fuel Cell Today – Marge Ryan http://www.fuelcelltoday.com
- Gassmagasinet – Synove Rytzberget http://www.gassmagasinet.no/
- 105 articles - world wide – have been written about the H2moves project after the press seminar.

Close cooperation among all project partners

The press seminar success is a product of very dedicated and close cooperation among all project partners where. LBST, SINTEF, Daimler, Hyundai, H2 Logic and also HyNor should be mentioned. They all spent many hours and big efforts contributing Hydrogen Sweden to coordinate this event to be as good as possible. The work with sending invitations to presenters and VIP: s, the work and support with content of speeches, the work with choosing food, beverage, decorations, the flexible last minute change of venue, and many other big and small details were solved easily with strategic purposefulness and good mood.



Press release
Oslo 2011-11-26

Who will be the first Norwegian behind the wheel of a full size hydrogen powered fuel cell car?

The largest public test drive of hydrogen fuel cell cars in Norway. Saturday 26th November 2011 in Oslo in front of Aker Brygge.

You have seen photos of politicians filling them up. Companies can order them for their fleet and three of them (Daimler's F-CELL) recently completed a 30.000 km journey around the world to prove the technological viability and reliability. Now the Norwegian public gets the opportunity to test drive eight of these hydrogen powered Fuel Cell Electric Vehicles (FCEVs) outside Aker Brygge. Everyone with a driver's license is invited for a 20-minute test-drive on the streets of Oslo. A fuel cell vehicle expert will accompany you and is ready to explain the technology and answer your questions.

Quiet and dynamic driving experience

Members of the public will be among the first in the world to experience FCEVs in real-world conditions. The drive is purely electric and their powertrain is as silent as your laptop. As for all electric cars, FCEVs offer a very dynamic driving experience due to their instant acceleration. In terms of comfort, FCEVs are on a par with today's conventional diesel and gasoline cars. "The great thing about the Mercedes-Benz B-Class F-CELL is that it is just like driving a normal car - apart from the fact that there are no emissions and no engine noise", says Johnny Kristian Danielsen, Director Passenger Cars of Mercedes-Benz Norway. "We hope as many as possible can come to Aker Brygge and try the car themselves", Danielsen continues.

FCEVs – cars of the future

Several major car manufacturers will mass produce FCEVs from 2014 on. "The fuel cell represents a decisive step forward for electromobility, as it enables zero emission driving with high ranges and short refuelling times", remarked Prof. Herbert Kohler, Vice President eDrive & Future Mobility of Daimler AG, as the vehicles passed the finish line of the Mercedes-Benz F-CELL World Drive in June this year.
FCEVs neither emit exhaust fumes nor engine noise; they only leave behind pure water (H_2O). The electric motor is supplied with electricity that is produced onboard by a fuel cell. In the fuel cell, hydrogen is merged with oxygen from the air, producing electricity and water.
But alternative fuels require new infrastructures. In the case of the FCEV, this means hydrogen refuelling stations. Therefore within the EU-funded project H2moves Scandinavia, the energy sector, the automotive industry and governments work closely together

SINTEF has been engaged in fuel cell and hydrogen technology research for more than two decades. "In line with SINTEF's vision – Technology for a better society" it is with pride that we support this demoproject as a natural step towards market introduction for fuel cell technologies", says SINTEF's CEO Dr. Unni Steinsmo.

Press release
Oslo 2011-11-26

Highlights from the H2moves Scandinavia project

The aim of the project H2moves Scandinavia is to accelerate the market introduction of FCEVs. By operating several FCEVs in Scandinavia and having built a new hydrogen refuelling station in Oslo, the broad public is introduced to this technology, which is on the edge to full commercialization. In summer 2012, H2moves Scandinavia will perform a road tour through Europe to showcase the vehicles together with a transportable hydrogen refuelling unit specially developed for this tour.

This project is supported by the European Fuel Cells and Hydrogen Joint Undertaking (FCH JU) Programme. FCH JU was officially launched by the European Commission in October 2008, H2moves Scandinavia is the first FCH JU funded European Lighthouse Project (LHP). The total budget is € 20 million of which € 7,8 million are public support from FCH JU. Additional support is provided by both the Danish EUDP and Norwegian TRANSNOVA programs and from the involved industry partners.

Further questions:

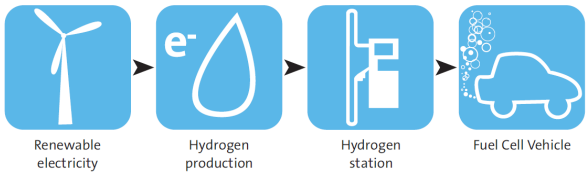
Please contact: Sofia Capito, H2moves Scandinavia Coordinator Public Driving, Ludwig-Boelkow-Systemtechnik GmbH, +49 89 608110 - 41, Sofia.Capito@LBST.de

Read more at: www.scandinavianhydrogen.org

Press release
Oslo 2011-11-26

On our website http://www.flickr.com/photos/h2moves_scandinavia you can find the following images for download in high quality:

Our logotype



"I drive to my local petrol station and fill up with 4kg of wind."

Mercedes-Benz B-Class F-CELL

Mercedes-Benz B-Class F-CELL

Hyundai ix35 FCEV

Hyundai ix35 FCEV

Th!nk City car

New hydrogen station in Oslo (Gaustad) at SINTEF, Forskningsveien 1. It opened on 21st November 2011.

Partners
Coordinator
ludwig bölkow systemtechnik
Vehicles and infrastructure
H2 Logic
DAIMLER
HYUNDAI
Communication
Hydrogen Link
Hydrogen Sweden
Safety
SP
CO-Funded by
transnova
New Energy World
eUDP
Local partners
SINTEF
HYNOR
Scandinavian Hydrogen Highway Partnership
H2moves.eu SCANDINAVIA

Press release
Oslo 2011-11-26





Hvem vil være første nordmann bak rattet i en stor hydrogendrevet brenselcelle-bil?

Norges største arrangement for prøvekjøring av brenselcellebiler. Lørdag 26. november 2011 foran Aker Brygge.

Du har sett bilder av politikere som fyller opp bilene. Bedrifter kan allerede bestille dem som firmabiler. Tre slike biler (Daimlers F-CELL) har nettopp fullført en tur på 30 000 kilometer rundt jorda for å bevise at teknologien de bygger på er egnet og pålitelig. Hydrogendrevne brenselcelle-biler har elektrisk motor. akkurat som elbiler med batteri. Men strømmen kommer i stedet fra et innebygd og utslippsfritt mini-kraftverk (brenselcella) som drives med hydrogen fra bilens tank. Nå får pubikum i Norge sjansen til å prøvekjøre åtte slike biler – utenfor Aker Brygge. Alle med gyldig førerkort inviteres til en 20 minutters prøvetur i Oslos gater. En ekspert på brenselcelle-biler blir med som passasjer og er forberedt på å forklare deg alt du ønsker å vite om teknologien.

Stille og kraftfull kjøreopplevelse
Publikum i Norge er blant de første i verden som får prøve hydrogendrevne brenselcelle-biler i vanlige omgivelser. Bilene har helektrisk framdrift, og drivverket går like stille som laptop'en din! Som alle elektriske biler gir brenselcellebilene en kraftfull kjøreopplevelse, takket være sin raske aksellerasjon. Når det gjelder komfort, er brenselcellebilen helt på høyde med dagens diesel- og bensindrevne biler.

Når du setter deg bak rattet i brenselcelle-utgaven av en Mercedes-Benz B-Klasse-bil, er det akkurat som å kjøre en vanlig bil, bortsett fra at den ikke avgir utslipp og motorstøy, sier Johnny Kristian Danielsen, direktør for personbiler i Mercedes-Benz Norge. – *Vi håper så mange som mulig kan komme til Aker Brygge og prøvekjøre bilene selv, sier han.*

Hydrogendrevne brenselcelle-biler – kjøretøyer for framtida
Flere store bilprodusenter vil sette hydrogendrevne brenselcelle-biler i masseproduksjon fra 2014.
Brenselcella representerer et kvantesprang for elektrisk basert mobilitet, siden den muliggjør nullutslipp fra biler med lang rekkevidde , kombinert med rask fylling av drivstoff, erklærte professor Herbert Kohler, viseadministrerende direktør for "eDrive & Future Mobility" hos Daimler AG, da bilene passerte målstreken i "The the Mercedes-Benz F-CELL World Drive" i juni i år.
Brenselcellebiler avgir verken utslipp eller motorstøy. De etterlater seg kun rent vann. I bilens minikraftverk – brenselcella – reagerer hydrogen med oksygen fra lufta og produserer elektrisitet og vann.
Men alternative drivstoff krever ny infrastruktur. For brenselcellebiler innebærer dette fyllestasjoner for hydrogen. I EU-prosjektet H2moves Scandinavia samarbeider derfor energiselskapene, bilindustrien og myndigheter tett for å sikre kundene tilgang til hydrogen.
SINTEF har drevet forskning på brenselceller og hydrogenteknologi i mer enn to tiår.

Press release
Oslo 2011-11-26

– I tråd med SINTEFs visjon – Teknologi for et bedre samfunn – er vi stolte over å bidra til dette demonstrasjonsprosjektet. For oss er dette et naturlig skritt videre i arbeidet med å få brenselcelle-teknologi introdusert i markedet, sier SINTEFs konsernsjef Unni Steinsmo.

Høydepunkter fra prosjektet H2moves Scandinavia
Målet med prosjektet H2moves Scandinavia er å framskynde introduksjonen av brenselcellebiler i markedet.
Ved å demonstrere praktisk bruk av flere brenselcellebiler i Skandinavia og gjennom byggingen av en ny hydrogenstasjon i Oslo, vil det brede publikum få kjennskap til denne teknologien, som nå står på terskelen til kommersialisering. Sommeren 2012 vil prosjektet gjennomføre en demosntrasjonstur gjennom Europa for å vise fram bilene og en transportabel hydrogenstasjon som er spesialutviklet for denne turen.
Prosjektet støttes av det europeiske programmet "Fuel Cells and Hydrogen Joint Undertaking (FCH JU) ". FCH JU ble lansert av EU-kommisjonen i oktober 2008, H2moves Scandinavia er det første fyrtårnsprosjektet som finansieres av FCH JU.
Det totale budsjettet for prosjektet er 20 millioner euro, hvorav 7,8 millioner euro er offentlig støtte fra FCH JU. Danske og norske myndigheter, representert ved henholdsvis Energiteknologisk Udviklings- og Demonstrationsprogram (EUDP) og prosjektet Transnova, pluss de involverte industrideltakerne har bidratt med de øvrige midlene.

For mer informasjon, vennligst kontakt:
Sofia Capito, H2moves Scandinavia Coordinator Public Driving, Ludwig-Boelkow-Systemtechnik GmbH, +49 89 608110 - 41, Sofia.Capito@LBST.de

Les mer på: www.scandinavianhydrogen.org

Press release
Oslo 2011-11-26

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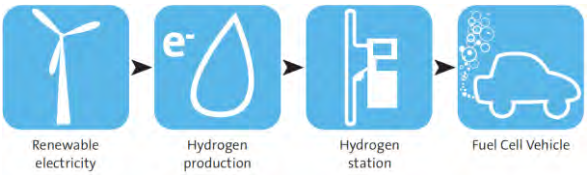

"I drive to my local petrol station and fill up with 4kg of wind."

Mercedes-Benz B-Class F-CELL

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New hydrogen station in Oslo (Gaustad) at SINTEF, Forskningsveien 1. It opened on 21st November 2011.

European project to gain customer acceptance for electric vehicles with fuel cells in Scandinavia

Press Release 6 July 2010

Following a recent signing ceremony with Norwegian officials, it was made public today, that a large demonstration project called H2MOVES on electric vehicles with fuel cells will take place in Scandinavia the coming years. The project will bring seventeen of the latest state-of-the-art electric vehicles with fuel cells from Daimler and FIAT to Oslo including the establishment of a large scale hydrogen refuelling station in the city by H2 Logic. This is to advance the commercialisation of hydrogen for transport in Scandinavia as well as connecting the region with the strong German initiatives within the area. The project has a budget of € 19,5 million financed by company contributions as well as European and national funding from Norway and Denmark.

Electric vehicles with fuel cells that run on hydrogen are seen to be one among several sustainable supplements to fossil fuels enabling the same convenient transportation as today.

Fuel cell vehicles

Ten Mercedes-Benz B-class F-CELL cars from Daimler (Germany), two Alfa Romeo MiTo fuel cell vehicles from Centro Ricerche FIAT (Italy) and five electric city cars with fuel cell range extension from H2 Logic (Denmark) will in 2011 be provided for daily operation in Oslo and on specific tours in southern Norway and the whole Scandinavian region.

Thanks to its long range of around 400 kilometres and short refuelling times, the Mercedes-Benz B Class F CELL combines local zero-emission mobility with long-distance comfort and compelling performance. Driving pleasure and performance on a par with a 2.0-litre petrol car come courtesy of the 100-kW/136-hp electric motor, which develops effortlessly superior torque of 290 Nm. The B Class F CELL consumes the equivalent of 3.3 litres of diesel per 100 kilometres in the New European Driving Cycle (NEDC).

The Alfa Romeo MiTo Fuel Cell car combines the high innovation of a green hydrogen vehicle with the “happiness” to drive a small sport vehicle. The MiTo uses a Nuvera Fuel Cell stack combined with a compact Li-ion traction battery pack to supply power to the electric motor; this allows the vehicle to reach a top speed of 150 km/h and to perform an acceleration from 0 to 100 kilometres in 10 sec, with hydrogen consumption of 3.2 lde/100 km and a range of 450 kilometres in NEDC, thanks to 700 bar H2 tanks.

Hydrogen refuelling

A hydrogen refuelling station from H2 Logic will be designed and built in Oslo. The objective is to provide hydrogen with a fully integrated purchase interface and in an urban environment within one of the densest hydrogen fuelling station network in Europe. The station will comply with the latest international hydrogen refuelling standard SAE J2601 that ensures a safe and fast refuelling in few minutes with the same ease of use and convenience as today. The hydrogen supply will be based on a combination of onsite production and trucked-in hydrogen, all based on Norwegian electricity of which more than 90% is based on renewable hydro and wind power.

European project to gain customer acceptance for electric vehicles with fuel cells in Scandinavia

Press Release 6 July 2010

Continued...

European road tour

During the project some of the fuel cell vehicles will be employed on a European hydrogen vehicle demonstration tour, coordinated by Hydrogen Sweden and in collaboration with the European Regions' and Municipalities' Partnership on Hydrogen and Fuel Cells (HyRaMP). For the on-site refuelling of hydrogen during the vehicle demonstration tours H2 Logic will also develop a mobile hydrogen refuelling concept for provision of almost 100% CO2 free hydrogen. A safety and certification study will be carried out by TÜV SÜD, (Germany) and SP Technical Research Institute of Sweden to identify the certification gaps in Scandinavia to accelerate full commercialization of vehicles and fuelling stations.

An crucial step towards market introduction

The € 19,5 million project called H2MOVES will be the first large scale demonstration project supported by the newly established European Fuel Cells and Hydrogen Joint Undertaking Programme. This collaborative public private partnership whose total budget amounts to €1 billion to be invested by 2014 supports the H2MOVES project together with national funds from the Norwegian "Transnova programme" and the Danish "EUDP programme" as well as industry contributions.

"These initiatives will help take yet another crucial step towards the mass production of electric vehicles with fuel cells around 2015 and the establishment of sufficient infrastructure to provide renewable hydrogen", said Dr. Ulrich Bünger, of Ludwig-Bolkow-Systemtechnik, Germany Project Coordinator of H2MOVES Scandinavia.

"One of the key technology contributions in the fight against climate change will be the electrification of the drive train in cars and city busses. The combination of batteries and fuel cells allow the drivers to enjoy the same range, and even better comfort and performance than commercially available vehicles provide today", said Dr. Steffen Møller-Holst, at SINTEF, Norway Project Coordinator of H2MOVES Oslo.

Contacts

For more information see www.h2moves.eu and www.scandinavianhydrogen.org, or contact the projects' secretariats as per below.

Dr. Ulrich Buenger

Project Coordinator, H2MOVES Scandinavia

Ludwig-Bolkow-Systemtechnik GmbH

+49 89 608 110 42

buenger@lbst.de

Dr. Steffen Møller-Holst

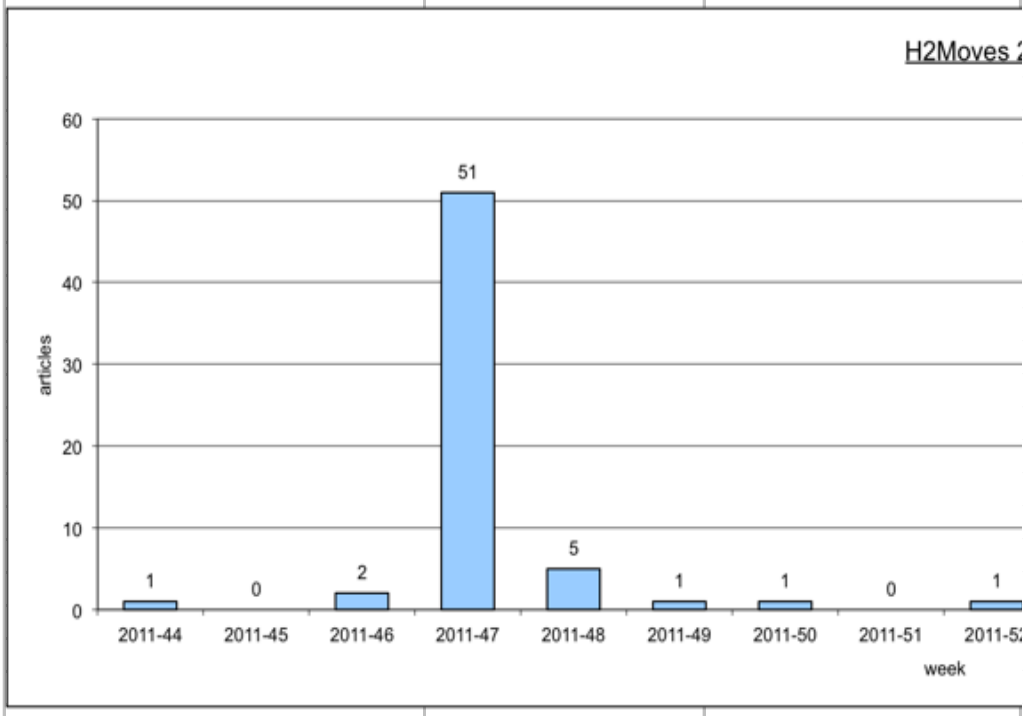
Project Coordinator, H2MOVES Oslo

SINTEF Materials and Chemistry

+47 92 60 45 34

steffen.moller-holst@sintef.no

H2Moves 2011-16feb2012



Uttag/Publikation	Land	Spridning: Unika Besökare
BilNorge.no	Norway	6322
Teknisk Ukeblad	Norway	1137
Ingeniøren	Denmark	151
Teknisk Ukeblad	Norway	1137
State of Green	Denmark	423

Platinum Today	United Kingdom	301
Platinum Today	United Kingdom	301
Science Nordic	Norway	1637
E24 Næringsliv	Norway	14916
Fuel Cell Works	United States	274
Forskning.no	Norway	639
Teknik Og Viden	Denmark	10703
교통환경신문	Korea	0
Forskningsrådet	Norway	2858

Automotive Business Review	South Africa	0
Paddock Talk	United States	15325
Cardor	Germany	690
Auto World.co.za	South Africa	3799
Electric Drive Transportation Assoc	United States	0
Im-auto.de	Germany	15937
Short News	Germany	404645

Klamm	Germany	417095
United Networker Magazine	Germany	13027
Alpha Galileo	United Kingdom	13384
Mercedes-Fans.de	Germany	8829
Nieuws Bank	Netherlands	63871
Vsesmi.ru	Russian Federation	390
Premiumpresse.de	Germany	47647
Gassmagasinet.no	Norway	774
Teknisk Ukeblad	Norway	1137

VVS Aktuelt	Norway	0
Mercedes-Fans.de	Germany	8829
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이투뉴스	Korea	0
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인터넷뉴스 조선닷컴	Korea	483762
네이트 뉴스	Korea	0
Yahoo! Korea News	Korea	50029

State of Green	Denmark	423
경영인신문	Korea	0
Energy Supply DK	Denmark	0
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Paran	Korea	0
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드림엑스	Korea	4920
머니위크	Korea	0
인재경영	Korea	0
CNB News	Korea	5361
News Prime	Korea	492
미디어인뉴스	Korea	10404
인재경영	Korea	0
Green Car Congress	United States	6674
Mpumalanga South Africa News - T	South Africa	3511762
오토조인스	Korea	0
Webfinanser	Sweden	1685
Presskontakt.se	Sweden	0
SINTEF	Norway	1476
Universitetsavisa	Norway	259
Fuel Cell Works	United States	274

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Kfz.net	Germany	247674
Auto-Presse.de	Germany	10650
Auto-Medienportal.Net	Germany	11291
Motor Zeitung.de	Germany	5253
Kostenlose Pressemitteilungen	Germany	0
Life PR.de	Germany	4297
Fair-News.de	Germany	61494
Firmenpresse.de	Germany	35754
Presse Echo.de	Germany	2302
Internet Intelligenz	Germany	483
Klamm	Germany	417095
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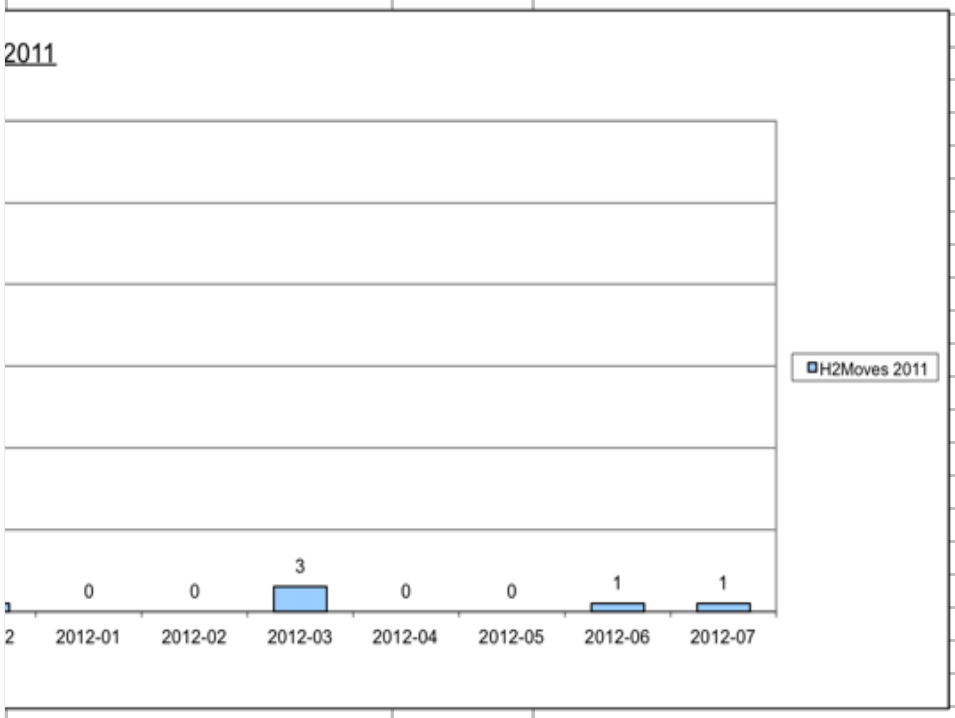

Spridning: Potientiellt läsarantal	Datum	Titel
6322	14/02-12 09	Får låne hydrogenbil en måned
2274	09/02-12 09	Redder hydrogenstasjonene
151	20/01-12 17	Statoil opgiver brintstationerne i Norge
2274	17/01-12 15	Hydrogenframtida har én måned på se
423	16/01-12 13	New Hydrogen Refueling Station Oper

301	01/01-12 18	Fuel Cell Roundup December 2011 12
301	12/12-11 16	Fuel Cell Roundup December 2011 12
1637	06/12-11 08	Highlighting hydrogen cars in Oslo
14916	03/12-11 07	EU tester hydrogenbiler i Oslo
822	02/12-11 17	140 Oslo citizens drove latest fuel cell
639	02/12-11 04	Hydrogenbiler til Oslo
10703	30/11-11 00	Dansk brændstof kan gøre Norge fri a
0	28/11-11 01	현대·기아차, 수소연료전지차 시범운행
2858	25/11-11 15	Tre veier til lavere transportutslipp

0	25/11-11 08	fuel cell conquers Scandinavia
15325	25/11-11 00	Here Today - Everywhere Tomorrow: T
690	24/11-11 21	Here today Everywhere tomorrow: Die
3799	24/11-11 17	The fuel cell conquers Scandinavia
0	24/11-11 15	Here today – Everywhere tomorrow: T
15937	24/11-11 13	H2moves Skandinavia: B-Klasse F-Ce
404645	24/11-11 13	Brennstoffzelle: Mercedes startet Dem

0	24/11-11 13	Brennstoffzelle: Mercedes startet Dem
13027	24/11-11 13	Here today – Everywhere tomorrow: D
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Sweden	3	
Norway	12	
Denmark	5	
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Korea	22	
United States	6	
South Africa	3	
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Ingress	URL	betyg
Før jul inviterte vi lesere av BilNorge.no til å låne en Mercedes B-Klasse F-Cell. Knut Olav Tveit og familien ble de heldige som skal hjelpe oss å smake på fremtiden.	http://www	Neutral
Fylkeskommunene overtar Statoils hydrogenpur	http://www	Neutral
Det er så stor en underskudsforretning at sælge brint, at Statoil nu lukker og slukker selskabets tre brinttankstationer i Norge - med mindre der inden for en måned viser sig en køber.	http://ing.c	Neutral
Deadline for den norske hydrogeninfrastrukturer	http://www	Neutral
H2 Logic A/S recently opened a hydrogen refueling station 150 meters north of the polar circle, at the Arctic Driving Centre in Finland. The station is operated by the leading Finish gas company Oy Woikoski Ab who also handles the supply of hydrogen.	http://www	Neutral

American Fuel Cell Bus Program Delivers "Buy America"- Compliant Fuel Cell Bus to SunLine Transit Agency (14/11/11) Ballard Power Systems announced that it has deployed, in conjunction with partners BAE Systems and ElDorado National, a fuel cell bus for SunLine Transit Agency in Palm Springs, Califo	http://www	Neutral
American Fuel Cell Bus Program Delivers "Buy America"- Compliant Fuel Cell Bus to SunLine Transit Agency (14/11/11) Ballard Power Systems announced that it has deployed, in conjunction with partners BAE Systems and ElDorado National, a fuel cell bus for SunLine Transit Agency in Palm Springs, Califo	http://www	Neutral
An EU-financed project aims to turn Oslo into a display window for fuel-cell cars.	http://scier	Neutral
Hovedstaden skal bli et utstillingsvindu for hydrogenbiler. Prosjektet finansieres av EU.	http://e24.	Neutral
Source : Public test driving in Oslo “Like driving through a cloud” Oslo the 26th of November: The largest public test drive of hydrogen fuel cell cars in Norway attracted Norwegian, British, Dutch, Serbian and German drivers.	http://fuelc	Neutral
Et EU-finansiert demonstrasjonsprosjekt tar sikte på å gjøre Oslo til et utstillingsvindu for brenselcellebiler.	http://www	Neutral
Mens Norge er storebror indenfor olie er det til gengæld en dansk udviklet brint tankstation, som blev åbnet i Oslo tidligere i sidste uge. Tankstationen er en del af en 145 millioner kroners afprøvning af elbiler fra Mercedes og Hyundai hvor brint bruges til at sikre samme lange rækkevidde og hurti	http://www	Neutral
현대·기아차가 북유럽 2개국의 수소연료전지차	http://www	Unrated
Hydrogen, biodrivstoff eller strøm? Ja takk, alle tre! Norge er med på utviklingen, og har tatt en lederposisjon på hydrogen, i jakten på drastiske kutt i CO2-utslippene fra transport.	http://www	Positive

Ten Mercedes-Benz B-Klasse F-CELL for a Nordic demonstration project H2moves Scandinavia ties in with European infrastructure projects Oslo ? Last Monday the start was given for the fleet operation of the European lighthouse project, H2moves Scandinavia; a cooperation of European companies from the	http://www	Neutral
Here Today - Everywhere Tomorrow: The Fuel Cell Conquers Scandinavia Last Monday the start was given for the fleet operation of the European lighthouse project, H2moves Scandinavia; a cooperation of European companies from the infrastructure and automobile sector.	http://padc	Neutral
© Daimler AG Vorher Bild 1 von 3 Nächste Here today Everywhere tomorrow: Die Brennstoffzelle erobert Skandinavien Zehn Mercedes-Benz B-Klasse F-CELL starten in nordisches Demonstrationsprojekt H2moves Scandinavia knüpft an europäische Infrastrukturprojekte an Oslo Am vergangenen Montag fiel der	http://www	Neutral
Mercedes-Benz ►►►►►►►►►► Ten Mercedes-Benz B-Klasse F-CELL for a Nordic demonstration project ►►►►►►►►►► H2moves Scandinavia ties in with European infrastructure projects Oslo ►►►►►►►►►► Last Monday the start was given for the fleet operation of the European lighthouse project, H2moves Scandinavia; a c	http://www	Neutral
Oslo – November 24, 2011– Last Monday the start was given for the fleet operation of the European lighthouse project, H2moves Scandinavia; a cooperation of European companies from the infrastructure and automobile sector.	http://www	Neutral
Mit dem B-Klasse F-Cell stellt der Stuttgarter Autobauer Mercedes bekanntlich schon seit längeren ein Auto mit alternativer Brennstoffzelle auf die Räder, nun geht das Modell - nach der F-Cell World Drive 2011 - in den nordischen Härtetest.	http://www	Neutral
Zum Montag startete der Stuttgarter Hersteller Mercedes mit seinem Brennstoffzellenmodell B-Klasse F-Cell ein neues Demonstrationsprojekt - in Skandinavien.	http://www	Neutral

onstrationsprojekt "H2moves Skandinavia"	http://www	Neutral
Oslo – Am vergangenen Montag fiel der offizielle Startschuss für den Demonstrationsbetrieb des EU-Leuchtturmprojekt H2moves Scandinavia, einem Zusammenschluss von europäischen Unternehmen aus den Bereichen Infrastruktur und Automobil.	http://www	Neutral
The Oslo area saw the opening of its third hydrogen refuelling station on November 21, 2011. This station, located at SINTEF's Oslo office, offers a fuel produced of water.	http://www	Neutral
Zehn Mercedes-Benz B-Klasse F-CELL starten in nordisches Demonstrationsprojekt	http://www	Neutral
Daimler Here today - Everywhere tomorrow: The fuel cell conquers Scandinavia Oslo , Nov 24, 2011 (3) * Ten Mercedes-Benz B-Klasse F-CELL for a Nordic demonstration project * H2moves Scandinavia ties in with European infrastructure projects Oslo - Last Monday the start was given for the fleet operati	http://www	Neutral
Компания Hyundai стала участником программы H2moves Scandinavia, проводимой для развития применения топливных элементов и водорода. Южнокорейский автопроизводитель представил электромобили Hyundai ix35 на топливных элементах (FCEV), которые появятся на дорогах Норвегии и Дании.	http://www	Unrated
(ddp direct) Here today Everywhere tomorrow: Die Brennstoffzelle erobert Skandinavien Zehn Mercedes-Benz B-Klasse F-CELL starten in nordisches Demonstrationsprojekt H2moves Scandinavia knüpft an europäische Infrastrukturprojekte an Oslo Am vergangenen Montag fiel der offizielle Startschuss für den D	http://www	Neutral
– Det har aldri vært så mye aktivitet innenfor infrastruktur for hydrogen og biler som det er nå, sa Bjørn Simonsen i Hynor under Zero-konferansen denne uken.	http://www	Positive
EU valgte Norge som sitt hydrogenland. Men her tanker Fabian Stang på det som kan være den eneste hydrogenstasjonen i drift over nyttår.	http://www	Neutral

Nylig innviet Oslos ordfører Fabian Stang en fyllestasjon for hydrogenbiler der alt drivstoffet blir laget av vann. Stasjonen gjør Oslo til Nordens utstillingsvindu for neste generasjon hydrogenkjøretøyer biler med elektrisk motor og hvert sitt lille utslippsfrie kraftverk under panseret.	http://www	Neutral
Zehn Mercedes-Benz B-Klasse F-CELL starten in nordisches Demonstrationsprojekt	http://www	Neutral
На официальной церемонии открытия водородной заправочной станции компания Hyundai следом за партнерами по проекту H2moves Scandinavia, включая Daimler, H2 Logic, SINTEF, LBST и Hydrogen Sweden, представила очередное подтверждение преимуществ и жизнеспособности водородных двигателей.	http://new	Unrated
Южнокорейская Hyundai Motor стала участницей европейской программы популяризации электромобилей на топливных элементах H2moves Scandinavia. Задачей проекта является привлечение внимания общественности к технологии топливных элементов и развитие инфраструктуры для обеспечения использующих их автомоби	http://www	Unrated
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시범운행 사업자 선정…유럽 친환경차 시장 교두	http://www	Unrated
덴마크·노르웨이 2개국서 운행투싼ix 수소연료전	http://new	Unrated
현대·기아차가 북유럽 2개국의 수소연료전지차	http://spor	Unrated
A third hydrogen refueling station has been opened in Oslo, as the Norwegian capital works to become an international hotspot for zero emission vehicles. The inauguration also saw the arrival of two new fuel cell cars from Korean automaker Hyundai, with a total of 17 fuel cell vehicles now operating	http://www	Neutral
현대·기아차가 북유럽 2개국의 수소연료전지차	http://www	Unrated
Source : Four ix35 FCEVs to be driven in Norway and Denmark Harsh northern European climate ideal for testing real-world viability of fuel cell vehicles ix35 FCEV hydrogen refuelling capability to be demonstrated at new cutting-edge hydrogen refuelling station in Oslo, Norway Cooperation with Europe	http://fuelc	Positive
현대・기아차, 북유럽 2개국 수소연료전지차 시	http://care	Unrated
충전으로 최대 525km 주행	http://new	Unrated
[CBS 김대훈 기자] 현대기아차가 북유럽 2개국의	http://kr.ne	Unrated

Today the Oslo area saw the opening of its third hydrogen refuelling station. This station offers a fuel produced of water and will, together with the 17 new Fuel Cell Electric Vehicles showcased today put Norway on the international map for zero emission vehicles.	http://www	Neutral
[소비자경제=김창규 기자]현대·기아차가 북유럽	http://www	Unrated
Mens Norge er storebror indenfor olie er det til gengæld en dansk udviklet brinttankstation, som netop er åbnet i Oslo.	http://www	Neutral
▲ 현대·기아차, 북유럽 수소연료전지차 시범운행	http://news	Unrated
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-덴마크, 노르웨이 수소연료전지차 시범운행 사업	http://med	Unrated
현대·기아차의 수소연료전지차가 북유럽을 달린	http://biz.c	Unrated
[경제투데이 임의택 기자] 현대·기아차가 북유럽	http://news	Unrated
시범운행에 사용될 투싼ix 수소연료전지차 앞에서	http://news	Unrated
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투싼ix 수소연료전지차 4대 현지 시범운행…유럽	http://www	Unrated
지차 시범운행 사업자 선정	http://www	Unrated
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A new 70MPa hydrogen refueling station from H2 Logic was inaugurated at a public event in Oslo, Norway. The station—the Oslo area's third—will supply 3 min.	http://www	Neutral
en station in Oslo; H2MOVES Scandinavia	http://www	Neutral
현대•기아차가 북유럽 2개국의 수소연료전지차	http://auto	Unrated
| Idag öppnades den tredje tankstationen för vätgas i Osloområdet. Vid denna station är bränslet tillverkat av vatten och el. Detta tillsammans med 17 nya elbilar med bränsleceller, placerar Oslo på den internationella kartan för framtidens avgasfria transport.	http://www	Neutral
	http://www	Neutral
Drivstoff fra vann - jovisst går det an! Alt drivstoffet lages av vann i Oslos nye fyllestasjon for hydrogenbiler.	http://www	Neutral
De neste tre årene skal Oslo by være en testarena for hydrogenkjøretøyer. De 17 bilene har elektrisk motor og hvert sitt lille utslippsfrie kraftverk under panseret.	http://www	Neutral
Source : Early morning, the 21st of November 2011, H2moves Scandinavia will open a new hydrogen refuelling station in Gaustad, Oslo. The press is in invited to this special event.	http://fuelc	Neutral

Norwegian and European partners open new “state of the art” hydrogen refuelling station in Oslo Early morning, the 21st of November 2011, H2moves Scandinavia will open a new hydrogen refuelling station in Gaustad, Oslo.	http://www	Neutral
Um Strategie und Technologien von Opel auf dem Weg zu einer emissionsfreien Mobilität vorzustellen, veranstaltete der Rüsselsheimer Hersteller in Berlin den ersten "eMobility Live-Talk".	http://www	Unrated
über Elektromobilität	http://auto	Unrated
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über Elektromobilität	http://mot	Unrated
(lifepr) Rüsselsheim/Berlin, 29.03.2011 - Um Strategie und Technologien von Opel auf dem Weg zu einer emissionsfreien Mobilität vorzustellen, veranstaltete der Rüsselsheimer Hersteller im Berliner "nhow-Hotel" den ersten eMobility Live-Talk.	http://www	Unrated
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PRESSRELEASE

Oslo, 21. November 2011

Oslo hotspot for zero emission vehicles

Today the Oslo area saw the opening of its third hydrogen refuelling station. This station offers a fuel produced of water and will, together with the 17 new Fuel Cell Electric Vehicles showcased today put Norway on the international map for zero emission vehicles.

The new station in Gaustad, Oslo is the first one in Norway where the hydrogen is produced exclusively by water and electricity, which in this case is entirely renewable. With no other emission than water vapor, any fuel cell car using this station is an actual zero emission vehicle.

The new station and the large number of FCEVs (Fuel Cell Electric Vehicles) result from the largest EU-financed demonstration program for hydrogen and fuel cell cars. The H2moves Scandinavia project has a total budget of nearly 20 million euro and the aim is to accelerate the market introduction of hydrogen powered FCEVs by gaining customer acceptance for the technology.

Today was also the Korean car manufacturer Hyundai's first showing of their hydrogen powered SUV ix35 FCEV to the Norwegian hydrogen project. The Nordic countries signed a letter of intent together with Hyundai earlier this year, aiming for advancing hydrogen as a fuel and preparing a market for fuel cell electric vehicles.

Allan Rushforth, Senior Vice President and COO of Hyundai Motor Europe, commented: *"Hyundai believes hydrogen-powered vehicles will play an important role in guaranteeing the long-term sustainability of the European auto industry. The ix35 FCEV boasts the same convenience and performance as a conventional vehicle thanks to a top speed of 160 kilometres-per-hour, a driving range of 525 kilometers and the ability to start in temperatures as low as minus 25 degrees Celsius.*

The cars in the project will be leased to private and industrial customers and used on an everyday basis. This will allow for a better understanding of regular customers' satisfaction regarding the technology. The Nordic climate will be an additional check on how the fuel cells perform in real life.

"Electric vehicles with fuel cells are ready for the market and we will start with the serial production in 2014 already. But since alternative drives require alternative infrastructures, we work closely together with partners from governments, energy providers and several automobile manufacturers", says Prof. Herbert Kohler, Vice President eDrive & Future Mobility of Daimler AG.

The hydrogen station, placed at research organization SINTEF, is manufactured by the Danish company H2 Logic and provides fast refueling of hydrogen in 3 minutes and a comparable range to gasoline on one refueling. This way hydrogen enables electric driving with the same convenience as gasoline.

"The new hydrogen station in Oslo provides a significant step forward in ensuring a refuelling network in Norway as well as Scandinavia. It paves way for the market introduction of fuel cell vehicles. Next step is to ensure support mechanisms together with governments", states Jacob Krogsgaard director of H2 Logic A/S.

Test driving
So far we have seen VIPs and politicians drive these cars. In the following week the general public will have the opportunity to be early in experiencing a zero emission car with the silence that comes with electric cars. On Saturday 26th of November, everyone showing their drivers license can go to the mall at Aker Brygge for a test drive accompanied by an expert from the car company.

During the ZERO conference, taking place the 21st-22nd of November, conference delegates can take an FCEV for a drive at Gardemoen.

About the H2moves Scandinavia project
H2moves Scandinavia aims to demonstrate the market readiness of fuel cell vehicles and the hydrogen refuelling infrastructure. The project wants to join Scandinavia into the ongoing fuel cell demonstration projects in Germany and the rest of Europe, thereby closing a hydrogen infrastructure gap between countries.

This is the first large scale demonstration project supported by the European Fuel Cells and Hydrogen Joint Undertaking Programme. The total budget is 20 million euro and support is also given from both Danish and Norwegian national funds.

Read more at: www.scandinavianhydrogen.org
Download images at: http://www.flickr.com/photos/h2moves_scandinavia

The project´s cars in Oslo

- Ten Mercedes-Benz B-class F-CELL from Daimler, range 380 km
- Two Hyundai ix35 FCEV, range 525 km
- Five Think city cars. Originally a battery electric car, now equipped with a fuel cell range extender, allowing a 250 km range

The Gaustad hydrogen refueling station

- 3 minutes refueling time in accordance with international standards
- High fueling pressure enabling comparable range as gasoline on one refueling
- Capacity to refuel up to 500 cars in a network on annual basis
- Onsite production of hydrogen using electricity to split water
- Electricity based on hydro power and CO2 certificates thus zero emission
- Station is manufactured by H2 Logic A/S www.h2logic.com

For more information contact
Christine Apelgren, Hydrogen Sweden Pm. Communication, H2moves Scandinavia, +46 708 837 683, christine.apelgren@vatgas.se

*Dr. Uli Bünge*r, Ludwig-Boelkow-Systemtechnik GmbH Project Coordinator, H2moves Scandinavia, +49 896 081 100, Ulrich.Buenger@lbst.de

Steffen Møller-Holst, Market Manager for hydrogen technology, SINTEF
+ 47 92604534, Steffen.Moller-Holst@sintef.no

Pressemitteilung

Oslo, 21. November 2011

Oslo ist Hotspot für Null-Emissionen-Autos

Heute wurde im Großraum Oslo die dritte Wasserstoff-Tankstelle eröffnet. Hier wird aus Wasser und Willen Treibstoff hergestellt und zusammen mit den 17 neuen Brennstoffzellen-Fahrzeugen, die heute vorgestellt wurden, ist Norwegen jetzt eines der bedeutendsten Länder für Null-Emissionen-Autos.

Die neue Tankstelle im Osloer Stadteil Gaustad ist die erste Tankstelle Norwegens, in der Wasserstoff ausschliesslich aus Wasser und erneuerbarer Elektrizität erzeugt wird. Das einzige Abgas ist reiner Wasserdampf, so dass Brennstoffzellen-Fahrzeuge tatsächlich Null-Emissionen Auto sind.

Die neue Tankstelle und die große Anzahl FCEVs (Brennstoffzellen-Fahrzeuge, engl.: Fuel Cell Electric Vehicles) sind Teil des größten von der EU finanzierten Demonstrationsprogrammes für Wasserstoff und Brennstoffzellen-Fahrzeuge. Das Projekt H2moves Scandinavia verfügt über ein Gesamtbudget von knapp EUR 20 Millionen und hat sich zum Ziel gesetzt, die Markteinführung von Wasserstoff betriebenen FCEVs zu beschleunigen, indem die Kundenakzeptanz für diese Technologie gesteigert wird.

Heute hat zusätzlich der koreanische Autohersteller Hyundai das erste Mal seine wasserstoffbetriebenen SUVs des Typs ix35 FCEV als Teil dieses norwegischen Projektes vorgestellt. Bereits Anfang 2011 haben die nordischen Länder zusammen mit Hyundai eine Absichtserklärung unterzeichnet, mit der Zielsetzung Wasserstoff als Kraftstoff voranzutreiben und den Markt für FCEVs vorzubereiten.

Allan Rushforth, Senior Vice President und COO von Hyundai Motor Europe sagte: *„Hyundai glaubt, dass mit Wasserstoff angetriebene Fahrzeuge eine wichtige Rolle übernehmen werden bei der Gewährleistung der langfristigen Nachhaltigkeitsentwicklung der Europäischen Automobil-Industrie. Der ix35 FCEV bietet den gleichen Komfort und Performance wie konventionelle Autos, dank der Höchstgeschwindigkeit von 160 km/h, einer Reichweite von 525 km und der Eigenschaft bei Temperaturen bis -25°C gestartet werden zu können.“*

Die Autos des Projektes H2mS sind an private Kunden und Kunden aus der Industrie verleast und werden täglich im Einsatz sein. Hierdurch werden Erkenntnisse gewonnen über die Kundenzufriedenheit mit dieser neuen Technologie. Der strengere Winter im hohen Norden wird eine zusätzliche Prüfung der Alltagstauglichkeit für die Brennstoffzellen sein.

„Elektrische Fahrzeuge mit Brennstoffzellen sind marktreif und wir werden bereits 2014 mit der Massenfertigung beginnen. Da alternative Antriebstechnologien einer alternative Infrastruktur bedürfen, arbeiten wir eng zusammen mit Partnern in den Regierungen, Energielieferanten und verschiedenen Automobilherstellern" sagt Professor Herbert Kohler, Vizepräsident eDrive & Future Mobility der Daimler AG.
Die Wasserstofftankstelle wurde von der dänischen Firma H2 Logic gefertigt und auf dem Gelände der Forschungsorganisation SINTEF in Oslo errichtet. Sie ermöglicht das Tanken von Wasserstoff innerhalb von 3 Minuten bei vergleichbarer Reichweite einer Tankfüllung wie bei Benzinern. Auf diese Weise ermöglicht Wasserstoff das elektrische Fahren mit dem gleichen Komfort wie Benzin.

„Die neue Wasserstoff-Tankstelle in Oslo stellt einen signifikanten Schritt vorwärts dar bei der Errichtung des Tankstellen-Netzwerkes in Norwegen und ganz Skandinavien. Das Tankstellennetz legt den Grundstein für die Markteinführung von Brennstoffzellen-Fahrzeugen. Der nächste Schritt ist die Sicherung des Transport-Mechanismus' – gemeinsam mit den Regierungen" sagt Jacob Krogsgaard, Direktor von H2 Logic A/S.

Probefahrten
Bisher haben vor allem VIPs und Politker diese Autos gefahren. Diese Woche wird die Osloer Bevölkerung die Gelegenheit zu einer Probefahrt haben. Am Samstag, 26. November können alle im Besitz eines Führerscheins vor der zentral gelegenen Shopping Mall Aker Brygge zu einer Probefahrt vorbeikommen. Die Probefahrten werden jeweils von einem Experten der Herstellerfirma des Fahrzeuges begleitet.

Im Rahmen der Zero Konferenz, die am 21. und 22. November in der Nähe des Osloer Flughafens stattfindet, können die Konferenzteilnehmer ebenfalls die FCEVs Probe fahren.

Über das Projekt H2moves Scandinavia („Wasserstoff bewegt Skandinavien")
Das Ziel von H2moves Scandinavia ist die Demonstration der Marktreife von Brennstoffzellenfahrzeugen und der dazugehörigen Wasserstoff Infrastruktur. Das Projekt möchte Skandinavien mit den bestehenden Demonstrationsprojekten in Deutschland und dem Rest Europas verbinden.

Dies ist das erste groß angelegte Demonstrationsprojekt, das von dem Europäischen Brennstoffzellen und Wasserstoff Programm (Fuel Cell and Hydrogen Joint Undertaking Programme: FCH JU) unterstützt wird. Das Gesamtbudget beträgt 20 Millionen Euro. Weitere staatliche Unterstützung wird sowohl von Dänischen als auch Norwegischen Stellen gewährt.

Read more at: www.scandinavianhydrogen.org
Download images at: http://www.flickr.com/photos/h2moves_scandinavia

Die H2moves Scandinavia Autos:

- Zehn Mercedes-Benz B-Klasse F-CELL, Reichweite 380 km (NEFZ)
- Zwei Hyundai ix35 FCEV, Reichweite 525 km (NEFZ) (Zwei weitere dieser Fahrzeuge werden im Rahmen des Projektes in Kopenhagen, Dänemark betrieben)
- Fünf Th!nk City Cars. Ursprünglich als reines Batterie elektrisches Fahrzeug gefertigt, aber nachgerüstet mit einem Brennstoffzellen Reichweitenvergrößerer. Jetzige Reichweite: 250 km

Die neue Wasserstoff-Tankstelle im Osloer Stadtteil Gaustad:

- Nachfüllen gemäß internationaler Standards innerhalb von drei Minuten
- Hoher Druck erlaubt Tankfüllungen, die eine mit Benzin vergleichbare Reichweite ermöglichen
- Die Kapazität ermöglicht es, 500 FCEV-Eigentümer zuverlässig mit Wasserstoff zu versorgen
- Vor-Ort Produktion des Wasserstoff durch Elektrolyse von Wasser
- Der hierfür benötigte Strom stammt aus Wasserkraft
- Tankstellen-Hersteller: H2 Logic A/S www.h2logic.com

Kontaktmöglichkeiten für weitere Informationen

Christine Apelgren, Hydrogen Sweden, Projekt Managerin Kommunikation, H2moves Scandinavia, +46 708 837 683, christine.apelgren@vatgas.se (Sprachen: Schwedisch und Englisch)

Dr. Ulrich Bünger, Ludwig-Bölkow-Systemtechnik GmbH, Projekt-Koordinator, H2moves Scandinavia, +49 896 081 100, Ulrich.Buenger@LBST.de (Sprachen: Deutsch, Englisch, Norwegisch)

Steffen Moller-Holst, Marketing-Direktor für Wasserstofftechnologie, SINTEF, +47 92604534, Steffen.Moller-Holst@sintef.no (Sprachen: Norwegisch, Englisch)

PRESSMEDDELANDE Oslo 21 november 2011

Oslo metropol för avgasfria fordon

Idag öppnades den tredje tankstationen för vätgas i Osloområdet. Vid denna station är bränslet tillverkat av vatten och el. Detta tillsammans med 17 nya elbilar med bränsleceller, placerar Oslo på den internationella kartan för framtidens avgasfria transport.

Den nya tankstationen i Gaustad, Oslo är den första i Norge där vätgasen tillverkas uteslutande av vatten och förnyelsebar el. Med vattenånga från avgasröret, blir de bränslecellsbilar som tankas här helt utsläppsfria vad gäller koldioxid och andra miljöskadliga partiklar.

Vätgasstationen och de 17 bränslecellsbilarna ingår i det hittills största EU-projektet för vätgas som fordonsbränsle, H2moves Scandinavia. Den totala budgeten är närmare 200 miljoner kronor. Målsättningen är att öka allmänhetens kännedom och acceptans för den nya tekniken och på så sätt driva på marknadsintroduktionen av vätgasdrivna elbilar med bränsleceller.

Idag presenterade också den nya projektpartnern Hyundai de bilar som ska ingå i projektet i Oslo, två vätgasdrivna suvar av modellen ix35 FCEV. Tidigare i år undertecknade representanter för nordiska bränslecellsorganisationer en avsiktsförklaring tillsammans med Hyundai i Korea. Ambitionen var att förbereda den nordiska marknaden för vätgasdrivna bränslecellsbilar, något som nu har börjat.

”Hyundai menar att vätgasdrivna fordon kommer att spela en viktig roll for att garantera den långsiktiga hållbarheten i den europeiska fordonsindustrin. ix35 FCEV har samma prestanda och bekvämlighet som en vanlig bil med en topphastighet på 160 km/h, en räckvidd på 525 km och den startar i en kyla ner till -25 grader”, kommenterar Allan Rushforth, vice VD och COO Hyundai Motor Europa.

De bilar som ingår i projektet kommer att leasas ut till privatpersoner och företag som ska använda dem till vardags, vilket ska ge en god bild av hur vanliga konsumenter upplever tekniken.

”Elbilar med bränsleceller är redan redo för marknaden och vi kommer att börja serieproducera dem redan 2014. Men eftersom alternativa drivmedel kräver alternativa infrastrukturer har vi ett nära samarbete med stater, energiföretag och andra biltillverkare”, säger professor Herbert Kohler, vice VD eDrive & Future Mobility, Daimler.

Vätgasstationen är placerad hos forskningsorganisationen SINTEF och har tillverkats av det danska företaget H2 Logic. Tankningen tar tre minuter och körsträckan blir då lika lång som vid en bensintankning.

Partners
Coordinator
ludwig bölkow systemtechnik
Vehicles and infrastructure
H2 Logic
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DAIMLER
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SP
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New Energy World
Local partners
SINTEF
HYNOR
Scandinavian Hydrogen Highway Partnership
H2moves.eu
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Testkörning
Hittills är det kändisar och politiker som har fått testköra och provtanka. Men på lördag den 26 november är det Oslobornas tur att få uppleva de tystgående elbilarna med bränsleceller. Under hela dagen kommer ett antal bilar att finnas utanför köpcentret Aker Brygge och alla som har körkort får möjlighet att testköra dem.

Om projektet H2moves Scandinavia
H2moves Scandinavia har som mål att visa att såväl tekniken i vätgasdrivna elbilar med bränsleceller som infrastrukturen för vätgas är mogen för konsumenterna. Projektet vill också förena Skandinavien med de pågående satsningarna på en vätgasinfrastruktur i Tyskland och resten av Europa.

Det här är det första storskaliga projektet som får stöd av European Fuel Cells and Hydrogen Joint Undertaking Programme. Den totala budgeten är 20 miljoner euro och förutom EU-stödet stöttas projektet också av statliga medel från Norge och Danmark.

Svenska parter i projektet är Vätgas Sverige som ansvarar för kommunikationsarbetet och SP som tillsammans med tyska TÜV kommer att arbeta med säkerhets- och standardiseringsfrågor.

Läs mer på www.scandinavianhydrogen.org
Foton finns på http://www.flickr.com/photos/h2moves_scandinavia/

Projektets bilar placerade i Oslo:
- Tio Mercedes-Benz B-klass F-CELL från Daimler, räckvidd 380 km
- Två Hyundai ix35 FCEV, räckvidd 525 km
- Fem Think city car. Ursprungligen en batteridriven bil som utrustas med en bränslecell, räckvidd 250 km

Vätgastankstationen i Gaustad, Oslo
- 3 minuters tanktid, i enlighet med internationell standard
- Högt tryck vid tankningen, 70 NPa, ger en lika lång körsträcka som vid en bensintankning
- Kapacitet att på årsbasis fylla ett nätverk av 500 bilar
- Vätgasproduktion sker på platsen genom elektrolys, el används för att spjälka vatten till vätgas och syre
- Elektriciteten som används i elektrolysen kommer från vattenkraft med grön elcertifikat
- Tillverkad av H2 Logic www.h2logic.com

För mer information kontakta
Christine Apelgren, Vätgas Sverige, Kommunikationsledare H2moves Scandinavia
0708-837 683, christine.apelgren@vatgas.se

Dr. Uli Bünger, Ludwig-Boelkow-Systemtechnik GmbH, Projektkoordinator H2moves Scandinavia, +49 92 60 45 34, ulrich.buenger@lbst.de

					Prosjekttittel	*Navn*	*Mobil*
Program, session inside H2Moves, Sintef i Oslo							
Antall pax:	50	Versjon:	1	Vers. dato: 2010-11-07			

Schedule All in local time		Sequence	**Content**	
Start	**08:00:00**	1	**Welcome and short info** Why are we here today?	Ernst Heloff Kristiansen Uli Buenger
Varighet	00:03:00			
Stopp	08:03:00			
Start	**08:03:00**	2	**Presentation of H2 Moves Scandinavia** Ernst Helof Kristiansen from SINTEF steps down	Uli Buenger
Varighet	00:07:00			
Stopp	08:10:00			
Start	**08:10:00**	3	**Intro Transnova and HyNor** Welcoming on stage, Eva Solvi and Bjørn Simonsen Uli Buenger remains on stage?	Uli Buenger
Varighet	00:01:00			
Stopp	08:11:00			
Start	**08:11:00**	4	**Transnova and HyNor sequence**	Eva Solvi Bjørn Simonsen
Varighet	00:04:00			

Stopp	08:15:00			
Start	**08:15:00**	5	**Outro Transnova and Hynor**	Uli Buenger
Varighet	00:01:00			
Stopp	08:16:00			
Start	**08:16:00**	6	**Intro Zero** Welcoming on stage Einar Håndlykken	Uli Buenger
Varighet	00:01:00			
Stopp	08:17:00			
Start	**08:17:00**	7	**Interviewsetting with Zero**	Uli Buenger Goril Andreasen
Varighet	00:04:00			
Stopp	08:21:00			
Start	**08:21:00**	8	**Outro to Zero**	Uli Buenger
Varighet	00:01:00			
Stopp	08:22:00			
Start	**08:22:00**	9	**Rap up and info about the next 40 minutes**	Uli Buenger
Varighet	00:02:00			
Stopp	08:24:00			