

03.11.2017

## NOW Journal 11/2017

### NEWS

#### Energy supply with hydrogen enables the UN climate protection goals to be achieved

At the 23rd UN World Climate Conference commencing in Bonn on 05.11.2017, a main focus will be on deepening and further defining the Paris climate protection agreement. By 2018, when the climate agreement is to take effect, all signatories must have defined binding guidelines on how greenhouse gas emissions can be reduced, how society can be protected against climate change and simultaneously be led into a sustainable future ...

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#### "Multitalent Hydrogen" campaign puts hydrogen in the spotlight

Berlin/Bonn/Brussels, 19.10.2017 – With "MULTITALENT HYDROGEN", the NOW, together with the EnergieAgentur.NRW, the European hydrogen and fuel cell industry association Hydrogen Europe as well as the European public-private partnership Fuel Cells and Hydrogen Joint Undertaking (FCH JU) have launched an information campaign on the subject of hydrogen and fuel cell technology ...

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#### Another funding call for projects on battery-electric mobility

As of now more ideas for practical research and development projects to promote battery-electric mobility can be submitted to the Federal Ministry of Transport and Digital Infrastructure (BMVI). Deadline for submission is 31 December 2017 ...

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#### NOW initiates discourse on sustainable urban commercial transport mobility concepts

Sustainable urban development with innovative mobility and logistics concepts can make a substantial contribution towards the energy transition in the area of transport. Ideas leading to the greater market penetration of low-carbon drives in urban commercial transport was therefore the key issue of focus in the "Urbaner Wirtschaftsverkehr" (Urban Commercial Transport) workshop held in Berlin on 18 October 2017, to which NOW invited representatives from the areas of logistics, trade, commercial vehicles, politics and science ...

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#### Hydrogen drives us: the "Wasserstoff Brennstoffzelle Deutschland" initiative shifts up a gear

The comprehensive nationwide introduction of environmentally friendly hydrogen and fuel cell technology is the goal of the "Wasserstoff Brennstoffzelle Deutschland" (Hydrogen Fuel Cell Germany) initiative – from hydrogen-run vehicles and the expansion of the hydrogen refuelling infrastructure to the establishment of fuel cell devices for the supply of heat and power in buildings ...

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#### Allguth and Linde open hydrogen filling station in Munich

Munich, October 18, 2017 – The Allguth service station in Munich's Trudering district has sounded the all-clear for hydrogen mobility. Allguth, a medium-size oil company, has teamed up with the technology company The Linde Group, and now offers hydrogen (H2) as a fuel for zero-emissions fuel-cell vehicles. The Federal Ministry for Transport and Digital Infrastructure (BMVI) supported the construction of the hydrogen facility with EUR 400,000 from its National Innovation Programme for Hydrogen and Fuel Cell Technology (NIP) ...

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### New hydrogen filling station in Cologne

Cologne, 17 October 2017 – The expansion of the nationwide hydrogen filling station network for environmentally friendly fuel-cell vehicles continues. Today, Linde and Total jointly inaugurated another new public hydrogen filling station in Germany, at Cologne/Bonn Airport. The station is an important building block for further hydrogen projects in North Rhine-Westphalia, for the operation of passenger car fleets and, in future, for buses as well ...



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### First hydrogen filling station opens in Bremen

Bremen, 16 October 2017 – Today Daimler, Shell and Linde inaugurated the city of Bremen's first hydrogen filling station. Drivers of emission-free fuel-cell cars now have a refuelling option on the important route between Hamburg and North Rhine-Westphalia. By creating this important hub, the partner companies have taken another step towards a nationwide H2 supply network ...



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### New hydrogen filling station in Bad Rappenau

Berlin/Bad Rappenau, 16 October 2017 – The hydrogen filling station network in Germany continues to grow. Today, Air Liquide celebrated the official opening of its hydrogen filling station in the Heilbronn district of Bad Rappenau, which has been in operation since June, attended by Norbert Barthle, Parliamentary State Secretary at the Federal Ministry of Transport and Digital Infrastructure (BMVI) ...



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### NOW and the US department of energy work together on H2 safety

The Fuel Cell Technologies Office of the US Department of Energy (DoE) will in the future work in close collaboration with the German National Organisation Hydrogen and Fuel Cell Technology (NOW). Among the main objectives of the joint research to be undertaken will be to increase the levels of safety at hydrogen refuelling stations ...

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### Green logistics: intralogistics experts learn about fuel cell drive technologies in Stuttgart

On 27 September 2017, specialists and managers converged on Stuttgart Airport to take part in a workshop on the subject of fuel cells in logistics. Under the title "Deployment of Hydrogen and Fuel Cells in Intralogistics – Status Quo and Perspectives", the Clean Intralogistics Net (CIN) industry network outlined the current state of fuel cell technology to the participating experts along with important research results and future anticipated developments ...



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### Urban districts are drivers of future-oriented, sustainable mobility

The e-Quartier Hamburg model project, which was supported by the Federal Ministry of Transport and Digital Infrastructure (BMVI – Bundesministerium für Verkehr und digitale Infrastruktur) and the Free and Hanseatic City of Hamburg, examined how residents of urban districts can especially benefit from new mobility concepts and against which criteria such concepts should be aligned with ...

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### f-cell award 2017 winning entries: power from sewage and longer service life for fuel cells

At this year's f-cell award, an innovative air filter for fuel cells that was developed by Freudenberg Filtration Technologies (Weinheim) was distinguished in the "Products & Market" category. Meanwhile, in the "Research & Development" category, the jury was convinced by a joint project of the Institute of Textile Technology Augsburg (ITA) of the University of Augsburg and the Institute for Applied Microbiology (IAMB) of the RWTH Aachen ...



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### Designing the first EU-wide Green Hydrogen Guarantee of Origin for a new hydrogen market

Taking Europe-wide green and low carbon hydrogen Guarantees of Origin (GO) to the next level: from concept to implementation. This is the objective of the CertifHy study undertaken by a consortium led by HINICIO, composed of ECN, GREXEL, Ludwig Bölkow System Technik (LBST), and TÜV SÜD and financed by the FCH 2 JU ...



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## NOTIFICATIONS / EVENTS

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### **Exhibition opening: “Hydrogen – the unlimited source of energy”**

06.11.2017, Deutsches Museum Bonn, Ahrstraße 45, 53175 Bonn

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### **eMERGE2 concluding event**

10.11.2017, Erich-Klausener-Saal, BMVI, Invalidenstraße 44, 10115 Berlin

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### **Development of electric mobility and expansion of charging infrastructure in Lower Saxony**

16.11.2017, Technologie- und Gründerzentrum Oldenburg, Marie-Curie-Straße 1, 26129 Oldenburg

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