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NOW Journal #11 – June 2021

[BMVI publishes first funding call for alternative drive systems in rail transport](#)

The focus of the funding is on the procurement of rail vehicles with innovative, alternative drives and the charging and refuelling infrastructure necessary for their operation. In addition, support for the preparation of studies on possible applications of rail vehicles with alternative drives is also part of the funding call. A total of 227 million euros is available for this purpose ...

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[Application phase completed – 51 regions and municipalities lodge applications to become HyExperts](#)

Friday the 18th of June marked the last day for regions and municipalities to submit their application outlines for the HyExperts category in the second round of the "HyLand – Hydrogen Regions in Germany" competition, organised by the Federal Ministry of Transport and Digital Infrastructure (BMVI). A total of 51 applicants applied for a place among the HyExperts, including eight participants who had already taken part in HyLand I as HyStarters ...



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[Federal Minister of Transport Andreas Scheuer hands over hydrogen fuel cell waste collection vehicles from The manufacturer FAUN to Berlin's Municipal Waste Management Authority](#)

Berlin, 15.06.2021 – With immediate effect, Berlin's municipal waste management authority BSR is taking a major step towards climate protection by deploying two hydrogen fuel cell vehicles for waste collection. A further 12 emission-free fuel cell vehicles are planned. In the presence of Federal Transport Minister Andreas Scheuer, FAUN handed over two of these highly innovative vehicles to Wolfgang Wüllhorst (BSR fleet manager) ...



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[Embarking into fuel cell drive technology: City of Karlsruhe receives approx. 1.5 million euros in funding](#)

The Federal Ministry of Transport and Digital Infrastructure (BMVI – Bundesministerium für Verkehr und digitale Infrastruktur) is supporting the City of Karlsruhe in the purchase of two fuel cell-powered waste collection vehicles with a funding notification amounting to around 1.5 million euros ...



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[Bochum: USB adds hydrogen, gas and electric vehicles to its fleet](#)

The use of alternative drive systems for waste collection vehicles is assuming an increasingly important role. Natural gas, hydrogen or electric vehicles produce fewer emissions than diesel vehicles and are much quieter when in operation. For the first time, Umweltservice Bochum GmbH (USB Bochum GmbH) has procured a hydrogen and a natural gas waste collection vehicle ...

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[Osterholz-Scharmbeck district receives funding for a fuel cell-powered waste collection vehicle](#)

Enak Ferlemann, Parliamentary State Secretary at the Federal Ministry of Transport and Digital Infrastructure, today handed over a funding notification issued by his ministry to Abfall-Service Osterholz GmbH (ASO). The Federal Ministry of Transport and Digital Infrastructure (BMVI – Bundesministerium für Verkehr und digitale Infrastruktur) approved ASO's funding application for the purchase of a fuel cell-powered waste collection vehicle with funding totaling around 585,000 euros ...

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Braunschweig – Where hydrogen mobility is already a reality

While various large-scale projects for the production of green hydrogen (H₂) are in the starting blocks in Germany, the hydrogen application side is also growing continuously. The nationwide network of hydrogen filling stations for cars with fuel cells now consists of 91 stations ...



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Esslingen district makes the move into hydrogen technology with two fuel cell vehicles

The district of Esslingen is venturing into hydrogen technology and procuring two fuel cell utility vehicles for its road maintenance services. The project is being supported by the federal and state governments with more than half a million euros of funding ...



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Lübeck waste management company EBL receives funding for waste collection vehicles with alternative drive systems

The waste management company Entsorgungsbetriebe Lübeck (EBL) has received a funding notification from the Federal Ministry of Transport and Digital Infrastructure (BMVI) for the purchase of a waste collection vehicle with an alternative drive system. The project is supported by the National Organisation Hydrogen and Fuel Cell Technology (NOW GmbH) and Jülich Research Centre GmbH as the project management organisation ...

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Sustainable waste disposal with hydrogen technology – Municipal waste management company of Kassel receives funding for two waste collection vehicles

The path towards the introduction of hydrogen technology in Kassel's waste management sector has been paved. The Federal Ministry of Transport and Digital Infrastructure (BMVI – Bundesministerium für Verkehr und digitale Infrastruktur) has approved the necessary funding for the procurement of two hydrogen-powered waste collection vehicles in the city of Kassel. The total funding amounts to 1,338,750 euros ...

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No charging, no driving: "Wirkkette Laden" ("Process Chain of Charging") project analyses sources of malfunction at charging of electric vehicles

In 10 to 15 percent of cases, a vehicle that has arrived at a charging point cannot be charged there. The "Wirkkette Laden" project aims to examine the causes behind this. Under the coordination of NOW GmbH and project management organisation PTJ Jülich, the Charging Interface Initiative CharIN investigates the potential sources of error that can occur during the charging of electric vehicles ...



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HyExpert Wunsiedel ready for the next stage: H2.Fichtelgebirge interest group is founded

The district of Wunsiedel in the mountainous Fichtelgebirge region counts among the HyExperts from the first round of the "HyLand – Hydrogen Regions in Germany" competition. Now, the next step is being planned and preparations are being made to apply as a HyPerformer ...

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Successful start for the BMVI's new Electric Mobility Funding Guideline

The new Electric Mobility Funding Guideline of the Federal Ministry of Transport and Digital Infrastructure (BMVI), published at the end of 2020, has got off to a successful start with three funding calls so far in the areas of research and development; procurement of vehicles including the associated charging infrastructure; and electric mobility concepts ...

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Regulations and standards for hydrogen-based electric mobility in China

The use of hydrogen (H₂) and fuel cells (FC) in China will initially be primarily focused on the mobility sector. The Chinese efforts to expand regulations and standards in this area are correspondingly strong. Similar to regulations and laws that regulate the interaction between end users, industry and the state behind the scenes, standards harmonise technologies in terms of quality, interfaces and sustainability ...

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[NOW online seminar: First call for funding for alternative drives in rail transport](#)

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