

# OSLO DIRECT SALES OF ENERGY STORAGE VEHICLES

APPLICATION SCENARIOS



Is stationary energy storage a good idea in Norway? Electric cars now account for 79 per cent of new cars sold in Norway, and the MS Medstraum was recently launched as the world's first electric fast ferry. In a global report on lithium-ion batteries, Norway ranked first in sustainability. These are impressive records. Even so, stationary energy storage is beginning to steal the limelight.

APPLICATION SCENARIOS



Is Oslo a good place to buy electric cars? Today, Oslo is the world's first mass market for electric vehicles. You will not find a higher density of electric vehicles (EVs) anywhere else in the world. More than 50% of all new cars sold in Oslo in 2017 were electric. In 2018, the number increased to more than 60%. This means that more than every second car sold is now an EV.

APPLICATION SCENARIOS



How many electric cars were sold in Norway in 2024? A Tesla electric car driving on a road covered with snow in Tromsø, Norway on Jan. 11, 2025. Jakub Porzycki / NurPhoto via Getty Images According to new data from the Norwegian Road Federation (OFV), nearly 90% of new vehicles sold in Norway in 2024 were electric.

APPLICATION SCENARIOS



Is Norway a good place to buy EV batteries? An early adopter of electric transport, Norway continues to capture EV battery headlines. Electric cars now account for 79 per cent of new cars sold in Norway, and the MS Medstraum was recently launched as the world's first electric fast ferry. In a global report on lithium-ion batteries, Norway ranked first in sustainability.

APPLICATION SCENARIOS



Does Norway have a battery market? Today Norway has not one, but two huge battery markets. There are two market drivers for batteries: EVs and stationary energy storage. Energy storage is coming on strong now. It's the key to turning intermittent wind and solar into a stable energy source, explains Pål Runde, Head of Battery Norway.

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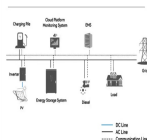
What incentives boosted the sales of electric vehicles in Oslo? A whole package of incentives boosted the sales of electric vehicles in Oslo, including: zero purchasing tax, no value-added tax (VAT), free parking, no road tax, free charging, free passing in the toll gates, free tunnels, free travel with ferries, access to the bus lines, etc. In sum, these incentives made EVs:

APPLICATION SCENARIOS



In terms of direct emissions, Oslo hopes to reduce greenhouse gas emissions by 95 per cent compared to 2009, by 2030; with a partial target of 52 per cent by the end of 2023. In 2020, emissions totalled 1.1 million tonnes, ???

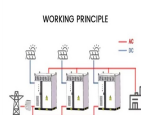
System Topology



Such measures have had a major impact on EV sales in Oslo and a number of cities in China. New Energy Vehicle dual credit system: 10-12% EV credits in 2019-2020 and 14-18% in 2021-2023. About 86% of the ???



Overall, Norway's ambitious plans for electrification and transition to renewable energy sources have created a significant demand for energy storage solutions, including battery energy storage systems. These systems ???



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As the BBC reported, some months of sales in 2024 saw up to 98% of cars sold being fully electric. The top two selling passenger cars in Norway last year included the Tesla Model Y and Tesla Model 3, according to ???



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The CO<sub>2</sub> equivalent emissions from the transport sector have grown at an annual average rate of 1.7 % from 1990 to 2022. The reliance on petroleum products for combustion ???



Norway already had a long history of taxing the sales of new cars, with a high purchase tax in addition to Value-Added Tax of 25%. To make EVs more competitive, they were exempted from these taxes. As time passed, ???



Electric vehicles (EVs) have prominent advantages for reducing CO<sub>2</sub> emissions and alleviating the dependence on fossil fuel consumption in the transport sector. Therefore, many countries have set targets for EV ???

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For more than 75 years Oslo-based car dealership Harald A Møller has been importing Volkswagens, but early in 2024 it bid farewell to fossil fuel cars. Now all the passenger vehicles for sale in



In order to promote the sales of electric vehicles, Norway has provided lots of incentive policies such as exempting high import tax, registration tax and sales tax to stimulate the sales of electric vehicles. the sales ???



Almost five out of six new cars sold in Norway last year were powered by battery only, with Tesla's share of the overall market rising to 20.0% from 12.2%, registration data showed on Tuesday. Electric vehicles accounted ???



Electric vehicles outsold gas and diesel models in Norway for the first time ever last month, accounting for 58.4% of all vehicle sales. The latest Norwegian data suggest that six in 10 cars sold in Norway during March were ???