



PEM MOTION

#reread

ARTICLES, STATISTICS AND
MORE WORTH TO RE-READ
#FUTUREMOBILITY



[Bosch launches semiconductor production in Germany](#)

After several years of development, Bosch in Reutlingen has now started large-scale production of power semiconductors made of silicon carbide (SiC). In parallel, however, the further development of the semiconductors and the expansion of production capacities are already underway.

#development #production #Bosch

[Germany's EDAG patents wireless EV charging technology](#)

As part of the German LaneCharge project, their engineering partner EDAG developed a new process for inductive charging of electric cars and applied for the patent. A key point: unlike previous approaches, EDAG set the charging intelligence in the vehicle and no longer in the road.

#charging #electric #patent

[GM & Posco announce cathode material joint venture](#)

General Motors and Posco Chemical have announced a joint factory in North America to process active cathode material for GM's Ultium electric vehicle platform. Details are expected to follow shortly – when the joint venture is officially formed.

#factory #vehicle #jointventure

WWW.PEM-MOTION.COM

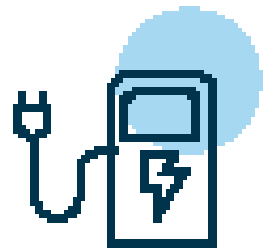
Vitesco brings out e-motors for two wheelers

The German automotive supplier Vitesco Technologies has just presented system solutions for 48-volt electric drives for two-wheelers for the first time at the Milan motorbike trade fair EICMA 2021. A demonstration model of a hybrid motorbike will also be on display



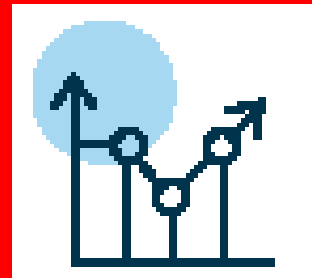
Niu unveils electric scooters, bikes and motorbike at EICMA

Niu has presented a number of new models at the EICMA in Milan, including an electric scooter called MQi GT Evo that goes over 100 km/h and an urban electric motorcycle called RQi. For the first time, the Chinese manufacturer is also presenting micro-mobility products such as electric scooters and e-bikes at EICMA.



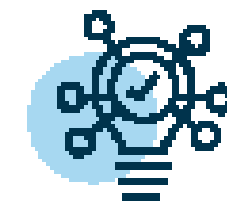
#electricbuses

The Flemish [public transport](#) company De Lijn has ordered 60 electric buses from Van Hool and VDL for delivery from the fourth quarter of next year. The order for the necessary charging infrastructure goes in equal parts to the two suppliers Spie-Ekoenergetyka and Heliox.



#numbers

In Poland, Solaris has been contracted with several orders for Urbino [12 electric school buses](#). A total of five municipalities have ordered the vehicles after receiving funding from a state subsidy programme.



#CostaRica

In Costa Rica, the Chinese automaker [BYD](#) has just delivered 29 Yuan Pro EV electric cars (locally called S1 Pro EV) to Walmart (Walmart de México y Centroamérica).





#Tesla

When Tesla presented the [Cybertruck](#) about two years ago, the manufacturer also showed an electric quad. This is now available for purchase – but only in a smaller version for children.

#eVTOLs

Several French aviation and transport industry players have opened a [test centre](#) for sustainable urban air mobility at the Pontoise-Cormeilles airfield just outside the French capital Paris. Trials of eVTOLs from several manufacturers are now beginning there.

#electricboat

[Arc Boat](#), a Los Angeles start-up, has announced another \$30 million in investment that should help finance its first production run. This will consist of about 25 vessels of a model dubbed the Arc One.

