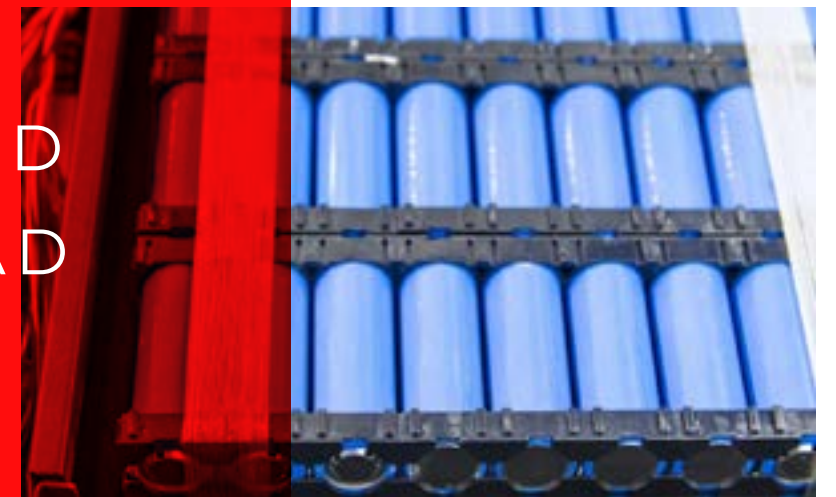




PEM MOTION

# #reread

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



## [OPES & Fraunhofer present standardized solar module for vehicles](#)

The technology company OPES Solutions and the Fraunhofer Center for Silicon Photovoltaics CSP have developed a flexible standard solar module for integration on vehicle surfaces. The partners advocate transport vehicles and buses in particular as areas of application.

#OPES #Fraunhofer #solarmodule

## [England will be first country to require new homes to include EV chargers](#)

The British government will introduce legislation in 2021 that will require all newly built homes and offices to feature electric vehicle chargers in England. Specifically, all new homes and offices will have to feature “smart” charging devices that can automatically charge vehicles during off-peak periods.

#England #EV #chargers

## [There is no Li-ion battery recycling standard, but that may be about to change](#)

Lithium-ion battery development and production is rapidly escalating worldwide, yet there’s no standard when it comes to battery designs, materials, and chemistries. And that affects the ability to recycle Li-ion batteries – a vital final stage of their life cycle. But this may be about to change in the US.

#battery #standard #materials

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## Vitesco bereitet Produktionsstart für 800-Volt-Elektromotortechnologie vor

Nachdem Vitesco Technologies erst vor einem halben Jahr einen 800-V-Inverter vorgestellt hatte, bereitet das Unternehmen nun den Produktionsstart für 800-Volt-Elektromotortechnologie in China vor, welche 2023 starten soll.

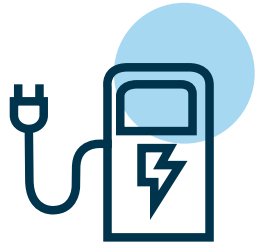
Der Motor passt zur kürzlich angekündigten neuen Generation des elektrischen Achsantriebs EMR4, welcher bei gleicher Leistung um 25 Prozent leichter sein soll.



## Joint Venture von Renault und Brilliance vor dem Aus?

Das Ende 2017 gegründete chinesische Joint Venture von Renault und Brilliance für vor allem elektrische Transporter steht möglicherweise vor dem Aus.

Laut einem Agenturbericht befinden sich beide Partner derzeit in fortgeschrittenen Gesprächen zur Beendigung des Gemeinschaftsunternehmens.



## #Kia

Kia has presented a version of its SUV model Sportage specially designed for Europe, which is also offered as a plug-in hybrid for the first time. The [PHEV drive](#) is known from other Kia models, but the design concept of the Sportage is new.



## #numbers

Volvo Buses has received three orders from operator Nobina for a total of [122 electric buses](#) for use in the Swedish cities of Gothenburg, Malmö and Hässleholm. The Volvo 7900 Electric and 7900 Electric Articulated are scheduled for delivery in 2022 and 2023.



## #SonoMotors

[Sono Motors](#) has announced that it will expand its community car-sharing service beyond its Sion to include all vehicles. Theoretically, this means that all cars can be offered for sharing via Sono's car-sharing service – within a trusted community.





## #Li-Cycle

Das kanadische Unternehmen [Li-Cycle](#) hat seine inzwischen vierte kommerzielle Recyclinganlage für Lithium-Ionen-Batterien angekündigt.

## #Volkswagen

[Volkswagen Group Components](#) hat in Salzgitter ein Labor für Zellforschung und Entwicklung eröffnet. Ab 2025 soll die Volkswagen-Einheit zelle in Salzgitter vom Band laufen.

## #BYD

[BYD](#) präsentiert mit dem Ocean-X ein neues Konzeptauto auf Basis seiner im April vorgestellten Elektroauto-Plattform „e-platform 3.0“. Ob und wann der Ocean-X in ein Serienmodell mündet, verrät BYD noch nicht.

