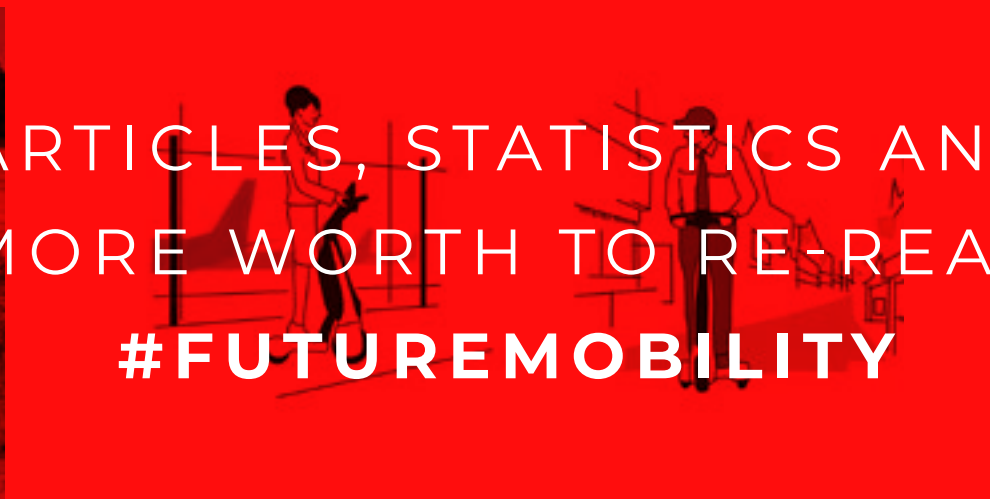




PEM MOTION

#reread

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



[Ride1up's newest e-bike is the most affordable electric bike with Gates carbon belt drive yet](#)

When it comes to belt drives in the e-bike industry, Gates is the undisputed leader. And those quality drives usually come at a high cost, but now we're seeing the lowest-priced Gates carbon belt drive-equipped e-bike yet: the new Ride1Up Roadster V2 Gravel Edition.

#electric #bike #carbon

[Toyota's new electric three-wheeler is designed to do the walking for you](#)

Toyota unveiled its new C+walkT today as a shiny new solution to the age-old problem of walking. Unlike other three-wheeled electric scooters we've seen, this one wasn't designed to do double-duty as a fun form of alternative transport. The C+walkT is strictly business and strictly for walking.

#Toyota #walking #threewheeler

[Bosch enables ebikes to go further and smarter](#)

Bosch has presented its innovations for the upcoming e-bike season including a smart system and a new app for more connectivity. The German engineering and technology company has also revealed a new battery – its largest e-bike battery to date – with a capacity of 750 Wh.

#battery #smartsystem

WWW.PEM-MOTION.COM

Remember BMW's tilting electric trike concept? An e-bike company is actually building it

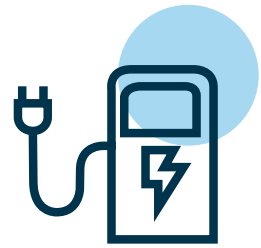
Earlier this summer, BMW unveiled an interesting electric cargo bike known as the Dynamic Cargo Concept. It used a three-wheeler platform and novel tilting mechanism to make a more stable e-cargo trike. BMW said at the time that it had no plans to produce the design, but instead was seeking a partner to commercialize the concept. Fast forward several months and it appears BMW has found that partner in German bicycle company Cube.



This new 9 kg (19 lb) electric bicycle claims to be the lightest e-bike in the world

Italian design firm ARES is showing off its ARES Super Leggera electric bicycle, which it claims is the lightest electric bicycle in the world.

The 9 kg (19.8 lb) electric road bike was produced in a partnership between the design firm ARES and High Performance Systems (HPS), an advanced engineering company that develops mobility technology.



#CityAirbus

Airbus hat Pläne für eine neue Generation des [CityAirbus](#) vorgestellt. Das mit acht elektrisch angetriebenen Propellern ausgestattete Fluggerät CityAirbus NextGen soll seinen Erstflug 2023 absolvieren.



#numbers

Das von Rolls-Royce für Geschwindigkeitsrekorde entwickelte E-Flugzeug hat seinen Erstflug erfolgreich absolviert. Die [367 kW starke Maschine](#) namens Spirit of Innovation startete vom Standort Boscombe Down des britischen Verteidigungsministeriums und flog etwa 15 Minuten lang.



#Xpeng

Der chinesische Elektroautohersteller [Xpeng](#) will über seinen Ableger Xpeng Heitech ab 2024 elektrische Flugautos auf den Markt bringen. Das in der Entwicklung befindliche Modell Voyager X2 bietet zwei Passagieren Platz.





#VolvoPenta

[Volvo Penta](#) hat eine Mehrheitsbeteiligung an ZEM AS erworben, einem norwegischen Anbieter von Batterien und kompletten elektrischen Antriebslösungen für Schiffe und Boote.

#Superyacht

BAE Systems hat den Auftrag gewonnen, das Antriebssystem für eine neue Superyacht-Generation des [Yachtbauers Southern Wind](#) zu liefern. Die erste Yacht mit dem Antrieb soll auf den Namen SW96 Nyumba getauft werden.

#Schiffsantrieb

Freudenberg hat mit der Lürsen Werft eine strategische Kooperation eingeläutet, deren Ziel die Entwicklung von [Brennstoffzellensystemen für Mega-Yachten](#) ist. Dabei kommt das mit Methanol betriebene Brennstoffzellensystem von Freudenberg zum Einsatz.

