

[Home](#) [News](#) [Electric Cars](#) [Renault, Qualcomm show off electric-car road charging at 60 mph](#)

Renault, Qualcomm show off electric-car road charging at 60 mph

[John Voelcker](#) [58 Comments](#) [May 22, 2017](#)[Follow John](#)[Take Us With You!](#)

Dynamic wireless electric car charging testing using a Renault Kangoo Z.E.

It's long been an inspiring futuristic concept: electric cars that can recharge continuously at speed, driving along roadways with built-in inductive charging.

Think a modern-day version of slot cars, but at 1:1 scale.

Now French automaker Renault has demonstrated a prototype of just such a system, briefly recharging one of its electric cars at 60 miles per hour.

DON'T MISS: [How wireless charging works for electric cars, explained](#)

The French automaker that builds more electric cars than any other European maker partnered with electronics company Qualcomm to develop what it calls a "dynamic wireless electric-vehicle charging" system.

The prototype demonstrated last week allowed charging at up to 20 kilowatts at speeds up to 100 km/h (62 mph) and higher.

The demonstration cars were a pair of Renault Kangoo ZE electric small delivery vans, shown on a test track in Versailles, near Paris.

Qualcomm and a French firm, Vedecom, installed the charging equipment in the test track.

Renault, meanwhile, modified its electric vans with the system that permitted wireless charging.

READ THIS: [Renault Zoe electric-car owners can double their range by upgrading leased batteries](#)

The goal of the tests, the companies said, is to assess the "operation and efficiency of energy transfer to the vehicles for a wide range of practical scenarios."

Among the communications between vehicle and track are those that identify the vehicle and authorize it to begin charging, negotiate over the level of power to be provided, and keep the vehicle aligned on the charging strip at an appropriate speed.

The test is part of a 9-million-euro project known as Fabric, partly funded by the European Union, to evaluate the technology feasibility, business models, and sustainability of wireless on-road charging.

We use cookies on this website. You can read about them [here](#).

News In Your Inbox

GreenCarReports

[SIGN UP](#)

I agree to receive emails from the site. I can withdraw my consent at any time by unsubscribing.

RELATED ARTICLES



Renault opens its first electric-vehicle-only showroom, in Sweden



Dynamic wireless electric car charging testing using a Renault Kangoo Z.E.



Dynamic wireless electric car charging testing using a Renault Kangoo Z.E.

Fabric began in January 2014, and will continue through the end of this year; it's made up of 25 partners from nine European countries.

CHECK OUT: [Mercedes-Benz S550e wireless charging comes into focus](#)

They include automakers, parts suppliers, and researchers from across the auto industry, the energy supplier world, and the transportation and roadway sector.

"We see dynamic charging as a great vision to further enhance the ease of use of electric vehicles," said Eric Feunteun, Renault's electric-vehicle program director, "and the accessibility of EVs for all."

Follow GreenCarReports on [Facebook](#) and [Twitter](#).

TAGS: [CHARGING](#) [INDUCTIVE CHARGING](#) [KANGOO](#) [RENAULT](#) [WIRELESS CHARGING](#)

POSTED IN: [CAR TECH](#) [ELECTRIC CARS](#) [GREEN CARS](#)

Recommended Galleries



2019 Porsche Cayenne E-Hybrid: the subtly earthy type



2018 Toyota Camry XLE Hybrid road-trip review: a case for high-mpg sedans



2018 Ford F-150 Power Stroke first drive: diesel, the not-so-efficient way



2019 Toyota Avalon Hybrid first drive review: understated efficiency



plug-in electric vehicles



Nissan, Mitsubishi, Renault all to 'target' electric cars in 2020, CEO Ghosn says



Life with Renault Twizy: electric bopping around Bermuda



Renault Kangoo ZE small electric van now on sale with longer range

FOLLOW US

Like 358K
On Facebook

Follow @GreenCarReports

Green Car Reports on

Most Popular This Week

1 Shell Airflow Starship semi truck aims for fuel-economy record



Like 282 201 Comments

2 Subaru admits cheating on fuel-economy and emissions tests



Like 378 31 Comments

3 2019 Toyota Avalon Hybrid first drive review: understated...



Like 39 56 Comments

4 Teslas will start paying to drive in L.A.'s "Lexus lanes"



Like 53 51 Comments

5 2018 Nissan Rogue Hybrid: late to the party, but at least it...



Like 30 13 Comments

[More »](#)

Topics

[GAS MILEAGE](#)



[HYBRIDS](#)





ALT FUELS



AUTO SHOWS



CONTRIBUTE

[Send us a tip](#)
[Comment](#)
[Contact the editor](#)

FOLLOW US

Like 358K

Follow @GreenCarReports

Get daily e-mail updates

Enter email

GO

I agree to receive emails from the site. I can withdraw my consent at any time by unsubscribing.

Photo Galleries



2018 Ford F-150 Power Stroke first drive: diesel, the not-so-efficient way

« 1 of 5 »

People Who Read This Article Also Read



Ford fires CEO Fields, in part, for lagging on electric cars



Ford axes Fields, new VW diesel update, 60-mph wireless...



Trump names vocal renewable-energy critic to...



Chevy Bolt EV costs \$28,700 to build, Tesla Model 3 a bit...

More from High Gear Media

MOTORAUTHORITY



BMW M2 Competition sharpened with M Performance parts



Volvo cars and trucks can now inform each other of hazards



2019 Kia Niro EV revealed with 280 miles of range

The Car Connection




Self-driving car using Google-owned Waymo tech involved in crash



Toyota to use new self-driving car test track to simulate risky emergency maneuvers



Self-driving car hurdles, Genesis dealerships, Former VW CEO charged in dieselgate: What's New @ The Car Connection



Reviews

Buying Guides

RSS Feed

Gas Mileage

Car Types

Contact Us


Press


Legal

Disclaimer

Privacy Policy

Reprints

Twitter

Facebook

© 2018 Green Car Reports. All Rights Reserved. Green Car Reports is published by Internet Brands Automotive Group. Stock photography by izmostock. Read our Cookie Policy.