




Get **rewarded** for shopping
at **Microsoft Store**

JOIN MICROSOFT REWARDS



Renault demonstrates wireless electric vehicle charging...

 Practical Motoring
Isaac Bober
21/05/2017

 SHARE

 SHARE

 TWEET

 SHARE

 EMAIL



© image/jpeg

Renault has demonstrated wireless electric vehicle charging that allows a vehicle to be charged while driving on the road.

RENAULT HAS partnered with technology companies Qualcomm Technologies and Vedecom in designing a wireless electric charging system that's "capable of charging an electric vehicle dynamically with a charge of up to 20 kilowatts at speeds up to, and in excess of, 100kmh".

The system has only been implemented on a test track with two Renault Kangoo Z.E. vehicles demonstrating that it works in both directions, but the system is, allegedly, real-world ready. The charging system requires extra componentry to be fitted to the electric vehicles.

The charging demonstrations took place on a 100-metre test track, built by Vedecom at Satory, Versailles, near Paris, within the FABRIC project.

"The tests will evaluate the operation and efficiency of energy transfer to the vehicles for a wide range of practical scenarios including vehicle identification and authorization on entering track, power level agreement between track and vehicle, speed and alignment of vehicle along track," Renault said. The project is called FABRIC* which is a multi-million dollar project, partly-funded by the European Union, to address the technological feasibility, economic viability, and socio-environmental sustainability of wireless vehicle charging.

The project began in January 2014 and will continue through December 2017.

"Contributing to this exciting project has enabled us to test and further research dynamic charging on our Kangoo Z.E. vehicles," said Eric Feunteun, Electric Vehicle Program Director, Groupe Renault.

"Our research engineers have worked very closely with the Qualcomm Technologies and Vedecom teams to complete the DEVC system integration demonstration as part of FABRIC. We see dynamic charging as a great vision to further enhance the ease of use of EVs, and the accessibility of EVs for all."

"We are inventors. We are wireless electric vehicle charging. This dynamic charging demonstration is the embodiment of this," said Steve Pazol, vice president and general manager, Wireless Charging, Qualcomm Incorporated.

"I am immensely proud of what we have achieved. The combination of a global team of expert engineers and Qualcomm Halo technology, which covers all aspects of WEVC systems, irrespective of the magnetics used, has enabled us to really push the boundaries of the possible and outline our vision for future urban mobility."

** FABRIC stands for FeAsiBility analysis and development of on-Road charging solutions for future electriC vehicles.*

MORE FOR YOU

Sponsored Links by Taboola

All Roads In Greece Should Have Older Drivers Wearing These

Driving Glasses

Hotels In Greece At Ridiculously Low Prices

Save70.com

Play this for 2 minutes and see why everyone is addicted

Throne: Free Online Game

Cheapest Way to Reduce a \$10,000 Credit Card Balance

Finder.com.au

How To Get A Home Loan With A Low Deposit

Finder.com.au

[3.54% p.a.] Home Loan Rate for Refinancers No Banks Can Beat

Finder.com.au

Selfie Quadcopter Revolution in Greece. The Idea Is Genius

Selfie Drone

If you live in Attiki you're eligible for these secret flight deals

Lastmin-Flights

This app will have you speaking a new language in 3 weeks!

Babbel

Boy, 13, regains consciousness after parents sign papers to donate his organs

FOX News on MSN

2019 Chevy Camaro facelift revealed

Street Machine on MSN

Underage daughter, 17, of slain gangster Carl Williams posts a picture of herself claiming to be inside the ultra-exclusive high-rollers' room of Crown Casino and boasts that she's 'made it'

Daily Mail on MSN

5 Books That Will Change Your Life

Blinkist

The Coolest SUVs For 2018 Are Available

SUVs | Sponsored Links

Multifunctional test facility delivers top performance

Marine Propulsion

'They were gone. Just like that': Woman helpless as horror crash unfolded

The Age on MSN

Is Lisa Wilkinson a ratings failure?

Sydney Morning Herald on MSN

Cindy Waldron crocodile attack: Childhood friend tells of horrific final moments

Brisbane Times on MSN

Download: 5 must-have games for Windows 10

Windows Store

5/8/2018

Renault demonstrates wireless electric vehicle charging...

Seven apps you didn't know you needed

Windows Store

Photo magic at your fingertips with Adobe Photoshop Express

Windows Store

[◀ Go to MSN Home](#)

[◀ Go to MSN Motoring](#)