

Realization of a low carbon society through game changing technologies

R&D Project Title Future society opened by direct dynamic wireless power transfer to EV

Project Leader : Hiroshi Fujimoto
Professor, Graduate School of Frontier Sciences,
The University of Tokyo

R&D Team : Toyo Denki Seizo K.K., NSK Ltd., Bridgestone Corporation, ROHM Co., Ltd.,
DENSO CORPORATION, Ono Sokki Co., Ltd., Mitsui Fudosan Co., Ltd.



Purpose:

Infinite cruise-range EVs by Dynamic WPT from road coils. Contribute to spread of EVs that emit no CO₂ during driving.

Summary :

- Problems of existing EVs are shorter cruise-range and longer charging time.
- Solved by DWPT from road coils in part of highways. Realize smart EV community without plug-in charging.
- Early realization of a carbon-neutral society by DWPT EV

Demonstration test of smart EVs for the widespread of Dynamic Wireless Power Transfer.

<http://hflab.k.u-tokyo.ac.jp/>

