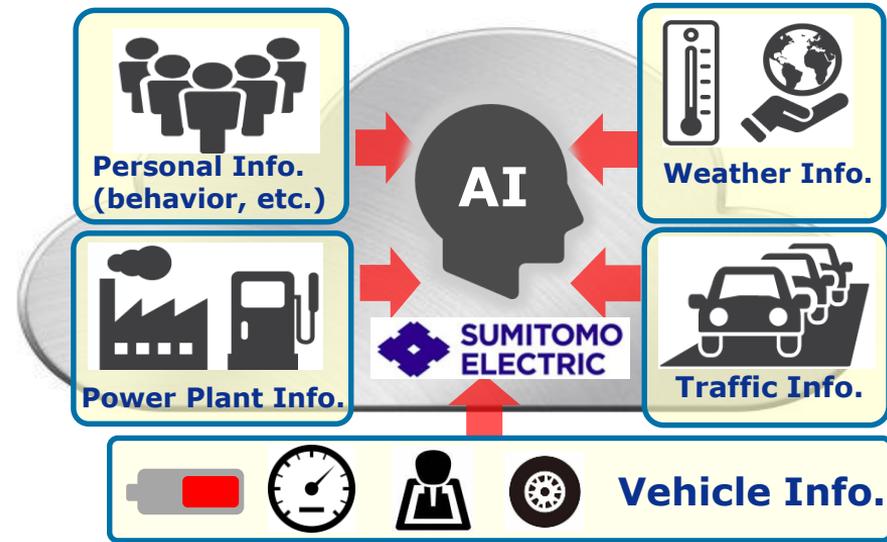


EV Range Map

Systems & Electronics Division
Sumitomo Electric Industries, Ltd.
Date: October, 2021

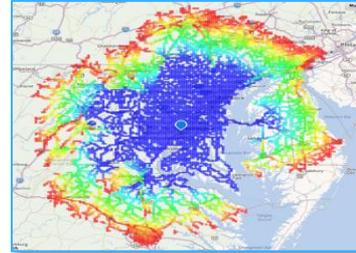
Energy management solutions for EV

Overview



Features

EV Range Map



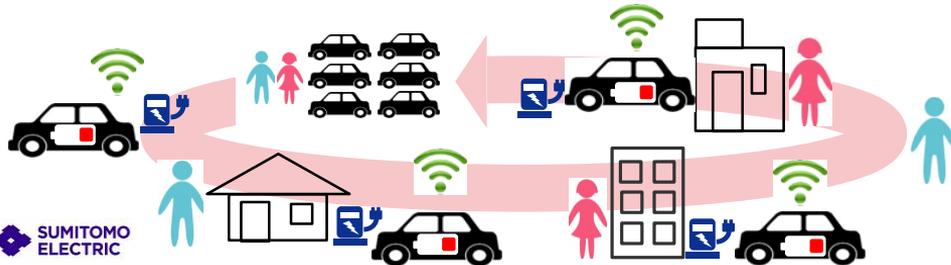
EV Charge Route Guidance



Charging recommendation

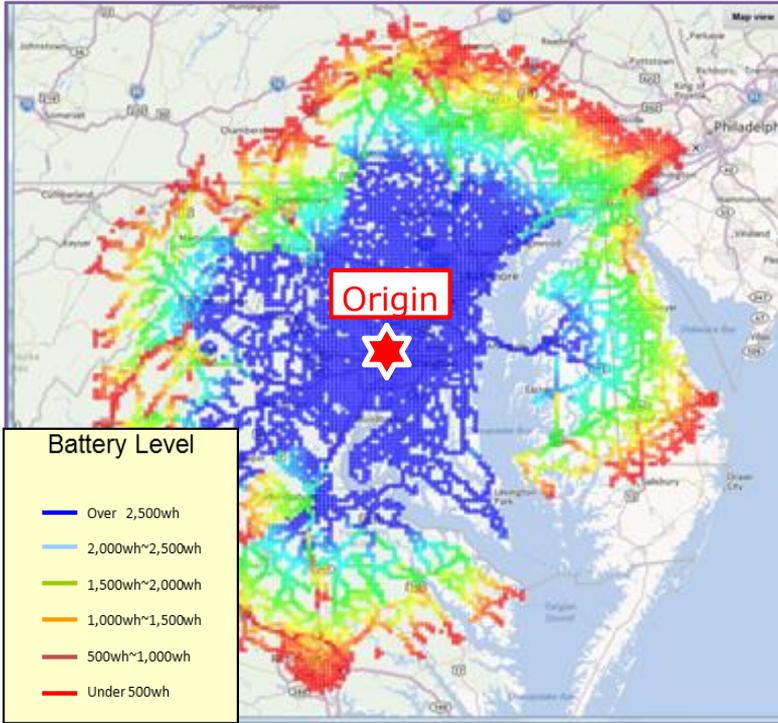
To solve the EV's range anxiety by providing EV range map, recommended EV route and charging plan with better accuracy using AI technology.

This solution is useful for ridesharing or fleet vehicle also.



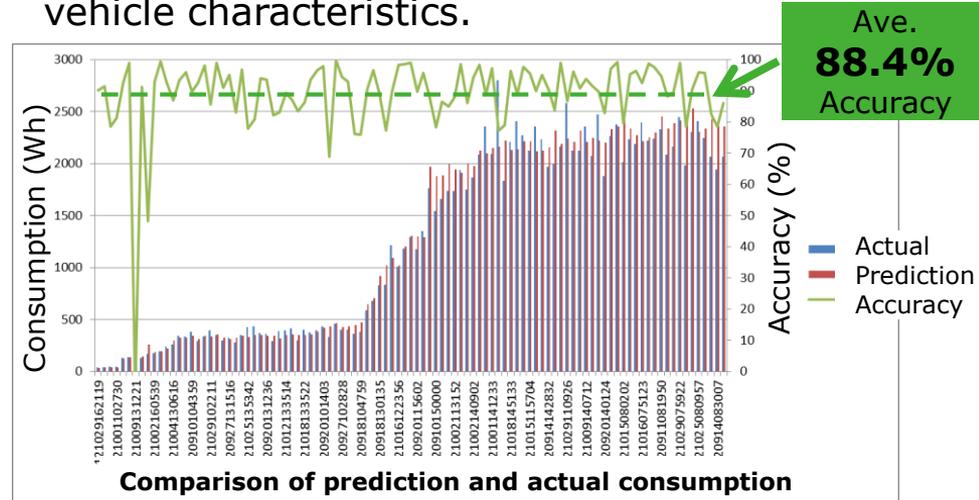
AI-based Predictive EV Range Map

Overview



Features

- Our high precision range map tells you exactly how far you can get from the origin.
- The range varies depending on the road gradient, road congestion, temperature and vehicle characteristics.

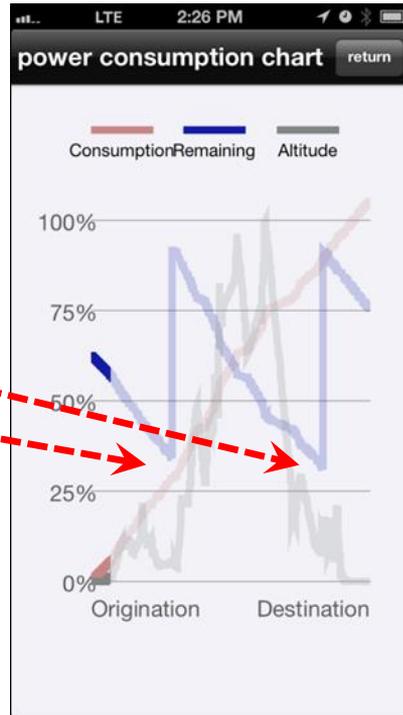


Easy Charge On-the-Go Route Guidance

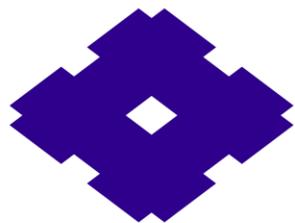
Overview



Features



- Our EV route guidance tells drivers everything they need to know to get to the destination without anxiety.
- All they need to do is to input where they want to go, and the software will calculate the most cost-efficient route with a recommended plan of where and when to quick-charge on the way.
- When you go up the hill, the battery % declines quickly, but when you go down the hill, it increases due to the regeneration.
- Builds trust with the EV drivers by showing the reason behind its calculation.



**SUMITOMO
ELECTRIC**

Connect with Innovation

<https://sumitomoelectric.com/>