A background graphic of a network or molecular structure, featuring numerous blue dots of varying sizes connected by thin, light blue lines, creating a complex web-like pattern across the slide.

Intelligent Powertrain for Next-gen e-POWER

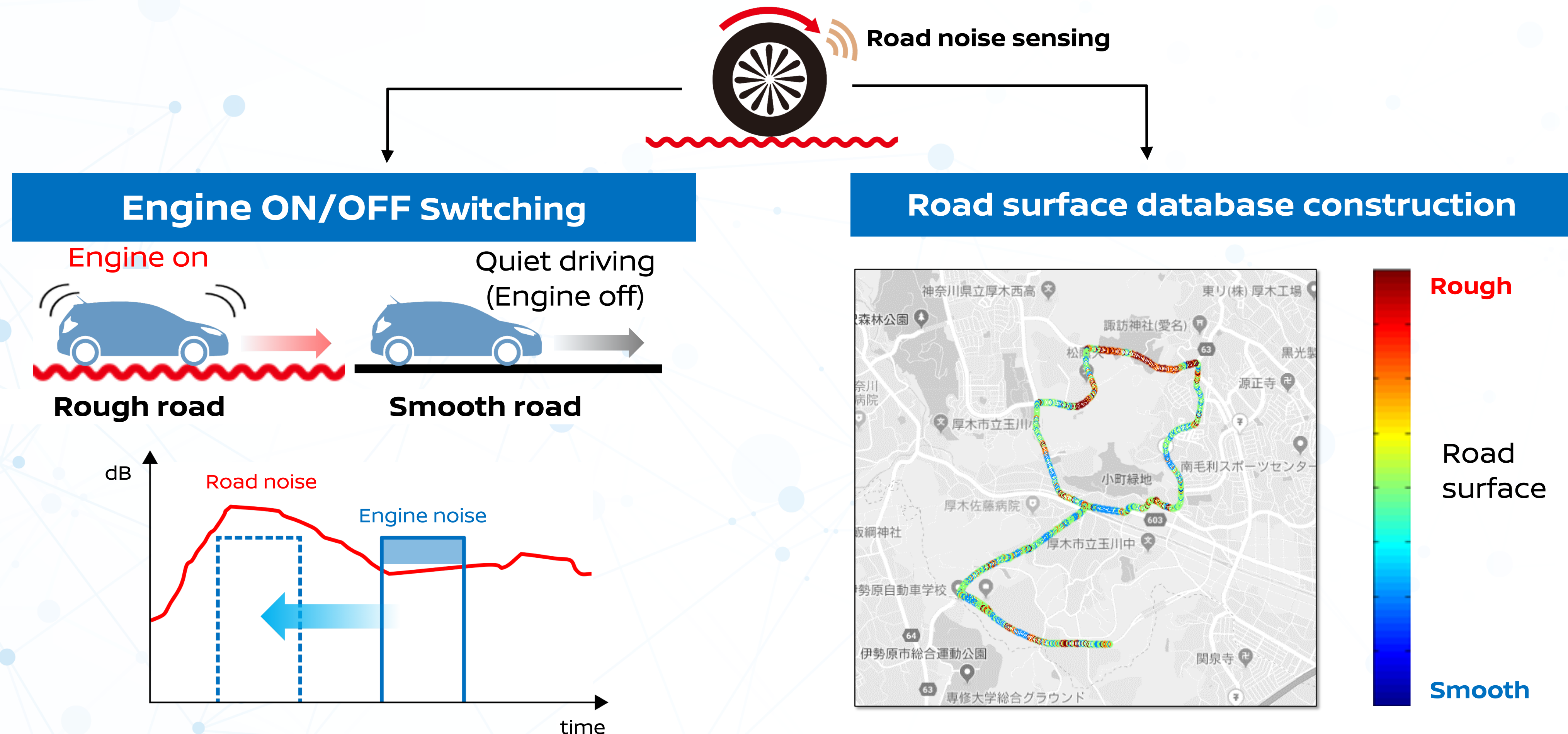
Next-gen e-POWER with Intelligence

- Battery charging is optimized to individual's driving habits to improve real-world fuel efficiency and quietness
- e-POWER will gain wisdom by the day, using machine learning & deep learning to optimize performance according to driver behavior



Energy management by sensor

- Engine control uses latest sensing technologies to realize outstanding quietness and EV feel
 - Engine ON/OFF switching based on road surface detection
 - Engine ON/OFF scheduling based on road-surface database construction



Predictive energy management

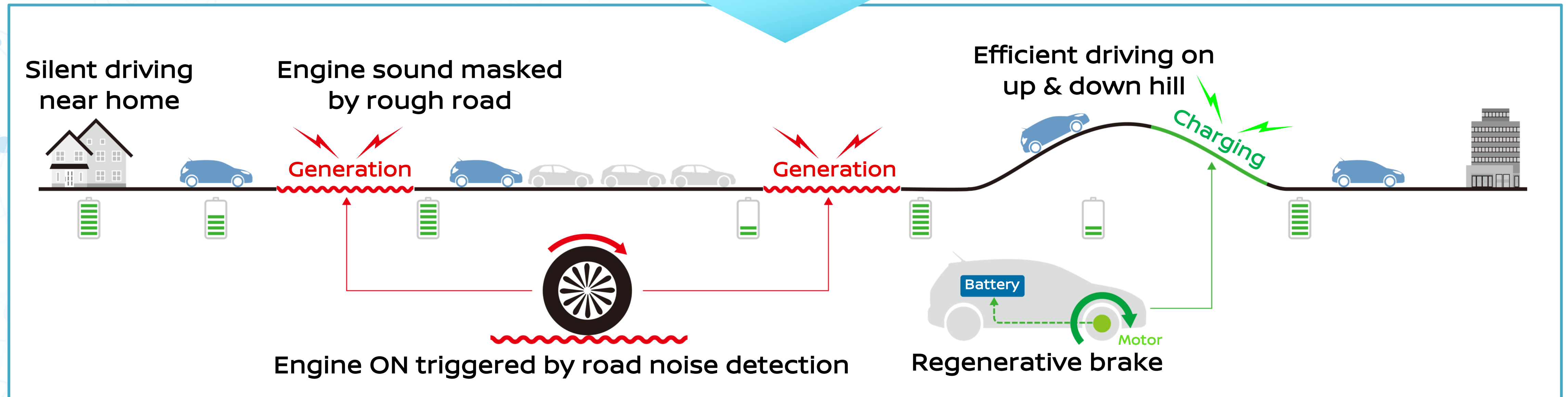
- Real-world fuel efficiency improved by predictive charging schedule incorporating up-to-the-minute forecasts of traffic and environmental conditions
 - Control engine by prediction of energy needs based on external information such as navigation, and 3D HD map

Predictive charging scheduling

Navigation

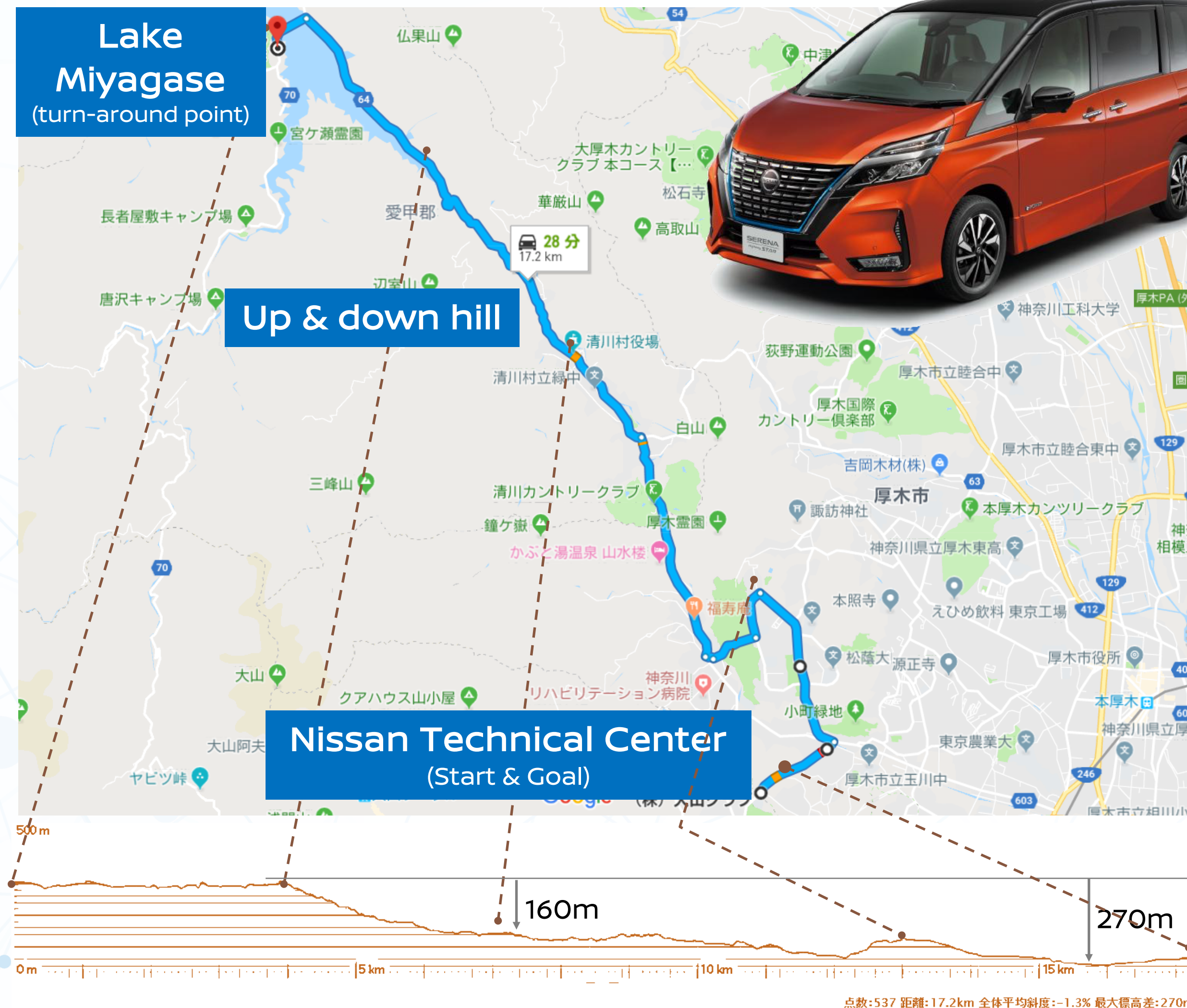


Road/environment information via connected



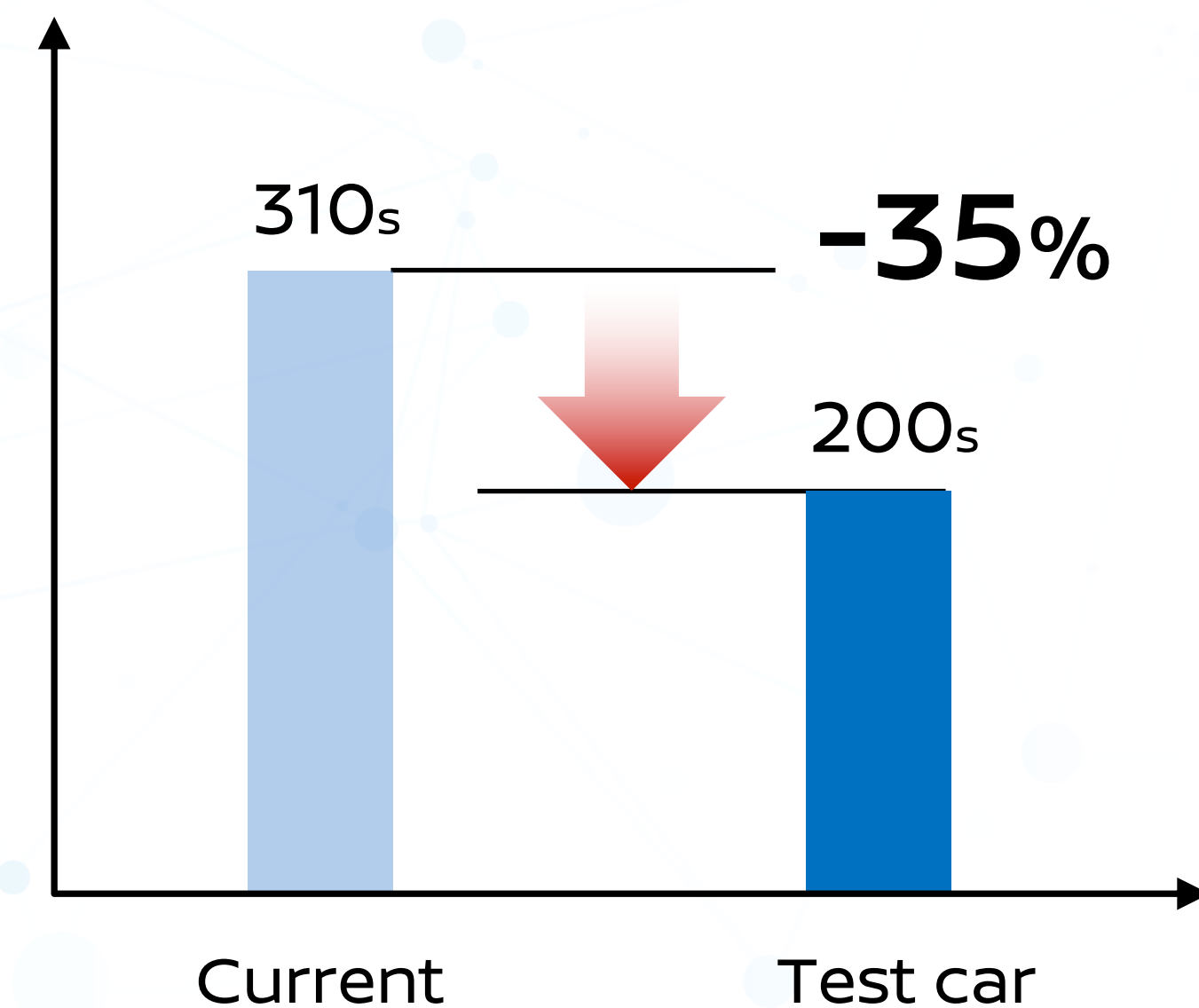
Test result of energy management

- Test condition : Suburban route with up and down hill
- CO₂ improvement : approx. 5%, time of engine noise awareness : -35%



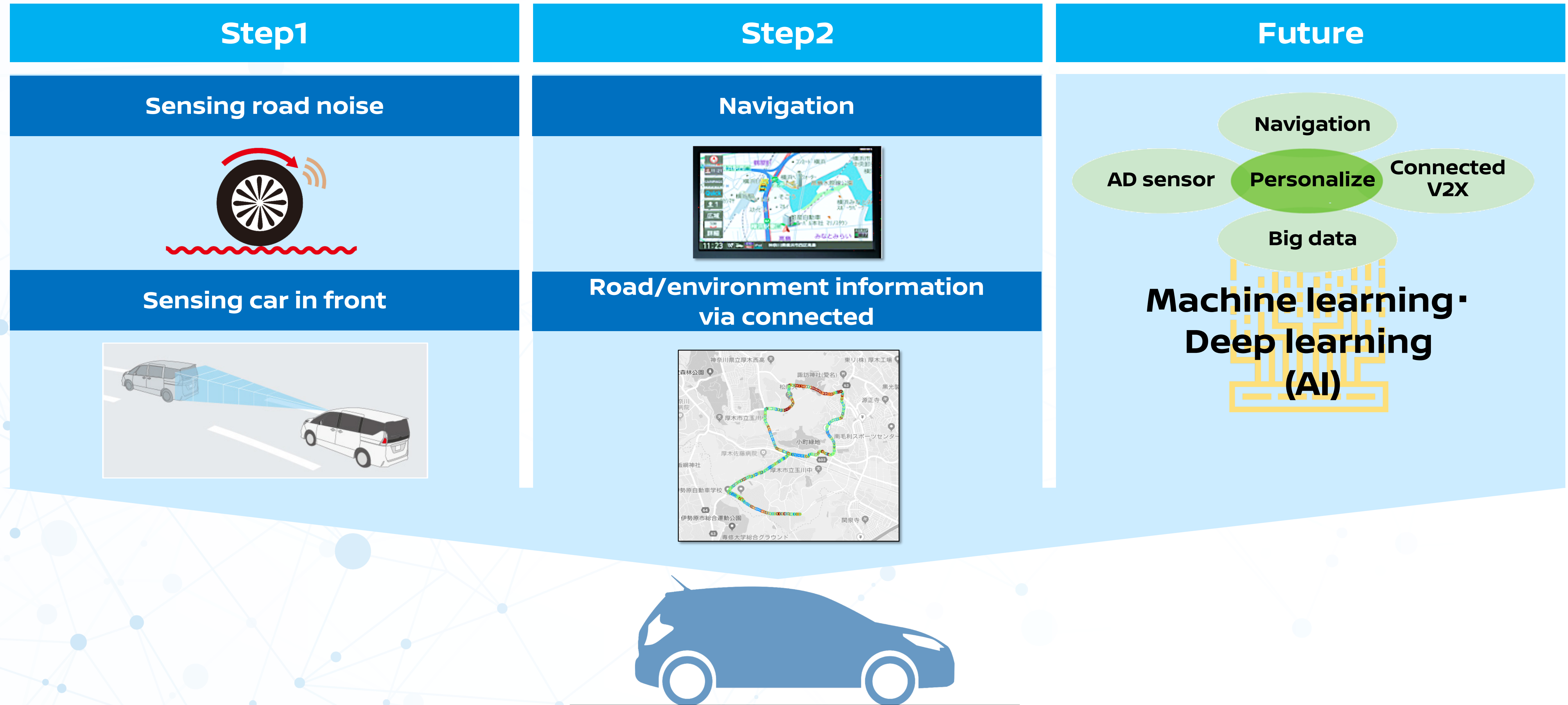
- Travel distance (round trip) : 37km
- Difference in level : 270m
- Travel time : 3700s
- Average speed : 35km/h

Period when driver can hear engine noise



e-POWER with more intelligence

- e-POWER will gain wisdom by the day, using additional outside information for machine learning & deep learning to optimize performance according to driver behavior



The logo features the word "NISSAN" in a bold, black, sans-serif font. To its right is a small icon consisting of three blue curved lines above a black square. This is followed by the word "INTELLIGENT" in a bold, black, sans-serif font, and finally the word "MOBILITY" in a larger, bold, black, sans-serif font. The entire text is centered horizontally.

NISSAN INTELLIGENT **MOBILITY**