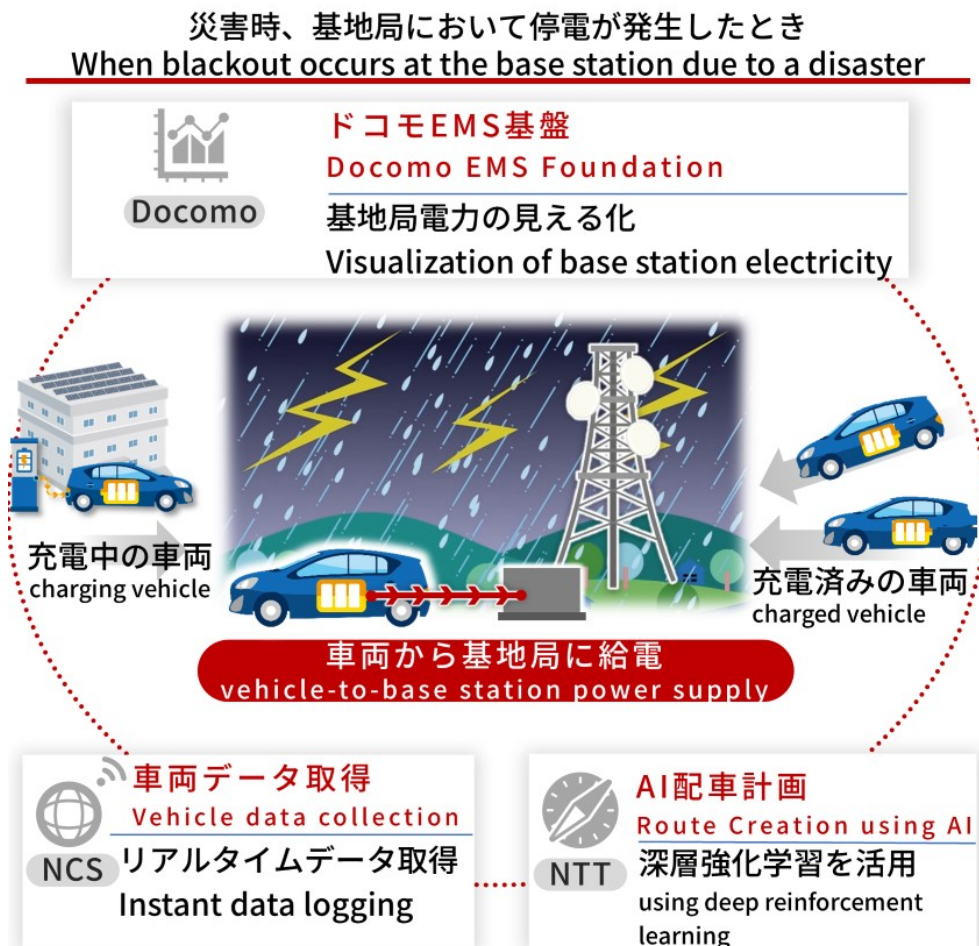


EV-base station power rescue system with AI dispatch planning

Provide backup power solutions for base stations during
disasters to ensure stable communication services

#Business Resilience



///Technical Issue

In a large-scale disaster, it's challenging to decide which EVs to deploy as emergency power sources and how to optimize power supply efficiency.

///Research Goal

We will implement efficient dispatch using deep reinforcement learning and a high-efficiency EV power supply system.

---Technology

- High-efficiency power supply system for base stations using EVs
- Dispatch planning using deep reinforcement learning
- Integration of vehicle and base station power data

---Novelty

- A high-efficiency power supply system enables rapid power delivery.
- Dispatch planning using deep reinforcement learning ensures quick and efficient deployment, even in large-scale disasters.

---Applicable Business

Using EVs as emergency power during disasters supports municipal and community response efforts.
Using EVs as a balancing resource during power shortages contributes to the power supply-demand adjustment market.