

Title of Research Subject	Automobile in the carbon neutral era
Background and Objective	<p>Japanese government declared carbon neutral by 2050. When we think about automobile use, in the next stage, we will choose electric vehicles, and we need to prepare for that society. One of the most essential and required investment is charging infrastructure. This project will consider the nature of investment in charging infrastructure, which is essential for promoting the spread of electric vehicles. Specifically, the project aims to clarify how the costs should be borne to ensure the necessary number of vehicles, the strategy for installing rechargers to enable long-distance travel, and innovations for the use of non-fossil electricity. The aim of this research is to consider the car society of the future.</p>
Expected Results	<p>Considering the use of vehicles in a carbon-neutral era means maintaining the current society supported by current vehicles. The number of charging infrastructure is clearly not sufficient for the spread of electric vehicles to be provided only by retailers or public authorities, etc.. This is an extremely fundamental issue and at the same time an essential measure for the spread of electric vehicles. Strategies for the installation of charging infrastructure that can replace petrol stations as a business and only compensate for the short range of electric vehicles will be considered. In addition, in this project, new cost-sharing measures will be presented, drawing on examples from other countries. Identify who, where and how services will be provided. We believe that solving this problem in a short period of time will also contribute to the development of the car market in the age of de-engineering.</p>