

The Global South Future-Oriented Co-Creation Project: Selected Companies (1st Application)

ISUZU MOTORS LIMITED

**“Thailand / Introduction of Battery-Swapping EV, sector coupling
through collaboration with power infrastructure project”**

ISUZU MOTORS LIMITED

- ◆ Head office: YOKOHAMA, KANAGAWA
- ◆ listed on TSE
- ◆ Established: April/1937
- ◆ Business areas: Manufacture and sale of commercial vehicles and related materials.



MITSUBISHI CORPORATION (Joint Applicant)

- ◆ Head office: CHIYODA-ku /TOKYO
- ◆ listed on TSE
- ◆ Established: April/1950
- ◆ Business areas: general trading firm



- ◆ The project is jointly implemented with:
Isuzu Motors Co., (Thailand) Ltd/ Tri Pitch Isuzu Sales Co.,Ltd /
Commercial Japan Partnership Technologies Asia

Project Plan

<Outline>

- Introduce of battery-swapping EVs set with an energy system that contributes electrification of logistics and the carbon-neutral society by effective use of renewable energy such as surplus power under expansion of EVs in Thailand.

<Expected results>

- Battery-swapping EVs that can be replaced in a few minutes enables to have a solution for logistics sector and commercial vehicle customers that have difficulties to shift EVs.
- Under the circumstances which carbon emissions becomes a global issue and the fact that transportation sector in Thailand accounts for 20% of the country's total GHG emissions, this project contributes GHG reduction in line with Thailand government policy of carbon neutrality by 2050.
- The use of swapping station as the battery energy storage system which can optimize the renewable energy mainly generated from solar power result in contribution of CN society in Thailand.

