

05 Makassar City (Indonesia)–Yokohama City

Main Proposer: Nippon Koei Co., Ltd.

Zero Carbon City Project Focused on Transportation and Energy through City-to-City Collaboration between Makassar City and Yokohama City

This City-to-City Collaboration project aims to transform Makassar into a decarbonized city by promoting decarbonization in the transportation sector as well as the adoption of renewable energy and energy efficiency measures. Yokohama City is sharing its knowledge and experience with Makassar, focusing not only on overall decarbonization policies but also on specific measures in the transportation sector.

As part of the JCM feasibility studies, the project is exploring several initiatives, including the introduction of autonomous decentralized traffic signal control systems at intersections in Makassar City; the installation of solar power systems at battery swapping stations for electric motorcycles; the implementation of waste heat recovery power generation systems at cement plants; and the adoption of renewable energy and energy-saving technologies in buildings throughout the city.

