

# City-to-City Collaboration between Rokan Hulu Regency & Pekanbaru City in Indonesia and Kawasaki City

Kawasaki City and local governments in Riau Province Region (Rokan Hulu Regency and Pekanbaru City) launched the city-to-city collaboration project about circular economy in 2019. In addition to circular economy, experience and knowledge sharing from Kawasaki City, who declared 2050 Zero Carbon City in 2020, and studies for project formulation contributing to decarbonization have been carried out in order to realize zero carbon city of Pekanbaru City .

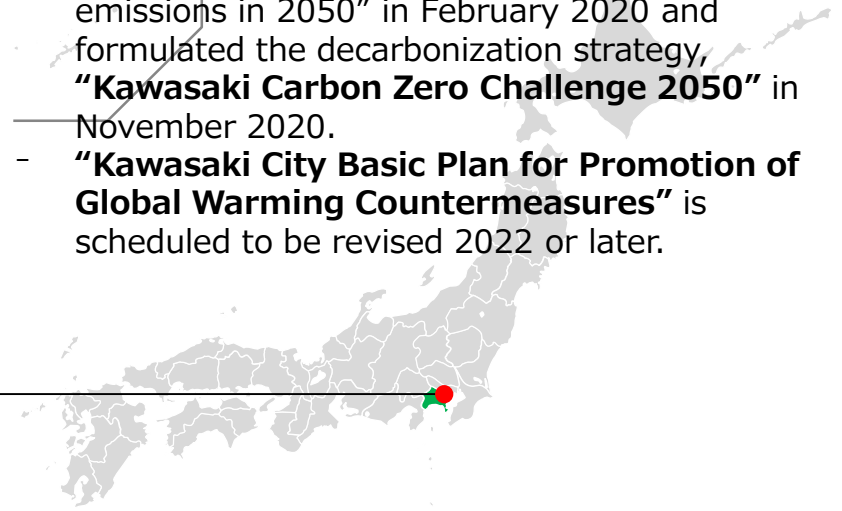
## Riau Province Region, Republic of Indonesia

- World largest oil palm industry area. Promotion of circular economy in the industry is required for further economic development.
- Pekanbaru City aims at developing **smart city** as one of prioritized policies and also are interested in formulation of **zero carbon city**
- Tenayan Industrial Park in Pekanbaru has been designated as prioritized industrial park by central Government and been developed as **eco industrial park**.



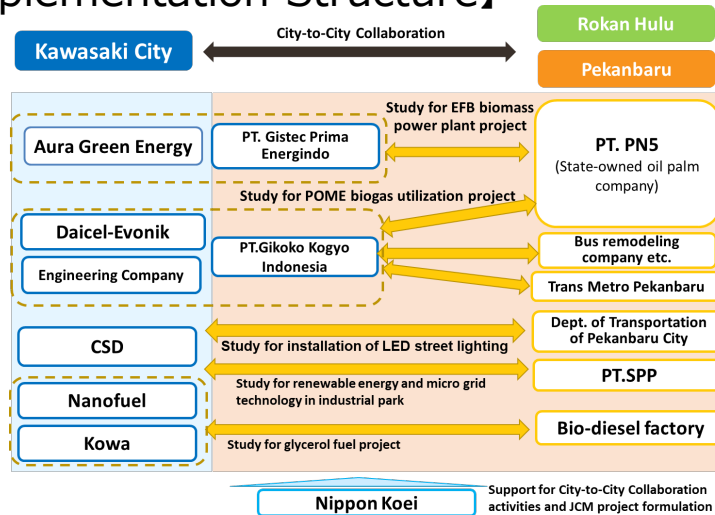
## Kawasaki City

- Developed Eco Town Plan in 1997. By promoting “Zero-emission concept” as basic concept for **formulation of circular economy** in the region, advanced and environmentally friendly urban development has been carried out.
- Declared the commitment to “Net-Zero CO<sub>2</sub> emissions in 2050” in February 2020 and formulated the decarbonization strategy, **“Kawasaki Carbon Zero Challenge 2050”** in November 2020.
- **“Kawasaki City Basic Plan for Promotion of Global Warming Countermeasures”** is scheduled to be revised 2022 or later.



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## 【Implementation Structure】



## 【Activities and outcomes】

### <City-to-City Collaboration Activities>

- While introduction of the project and environmental needs of Pekanbaru City were implemented in 14<sup>th</sup> Kawasaki International Eco-Tech Fair and GIC\* seminars, GIC companies introduced their environmental/zero-carbon technologies in “Business matching seminar with GIC companies”.
- Promoted **Pekanbaru City to start activities for zero carbon** by sharing initiatives for decarbonization in Kawasaki City and DKI-Jakarta in online workshop.
- Prepared **LOI between Pekanbaru City and Kawasaki City about 2050 Zero Carbon City** (on the process for signing)

### <JCM Project formulation>

- EFB biomass power plant project:** Implemented detail study regarding biomass fuels
- POME biogas utilization project:** Designed bio-CNG plant and considered CAPEX and OPEX.
- Bio-Diesel Fuel (BDF) Nano glycerol fuel project :** Studied glycerol market and economic benefits for BDF manufacturers
- Eco-grid project in industrial park and Project to install LED street lightings:** Implemented trial calculation of energy saving impact by installing EMS based on local data.

## 【Photo】



Online Workshop (Feb. 2022)

\*GIC: Kawasaki Green Innovation Cluster