

# iFORCOM Co., Ltd.



- ❑ Address: Yokohama City, Kanagawa
- ❑ Employees: 280
- ❑ Established in 1993
- ❑ Business: Providing product services and various development solutions in the field of environment, healthcare, and education

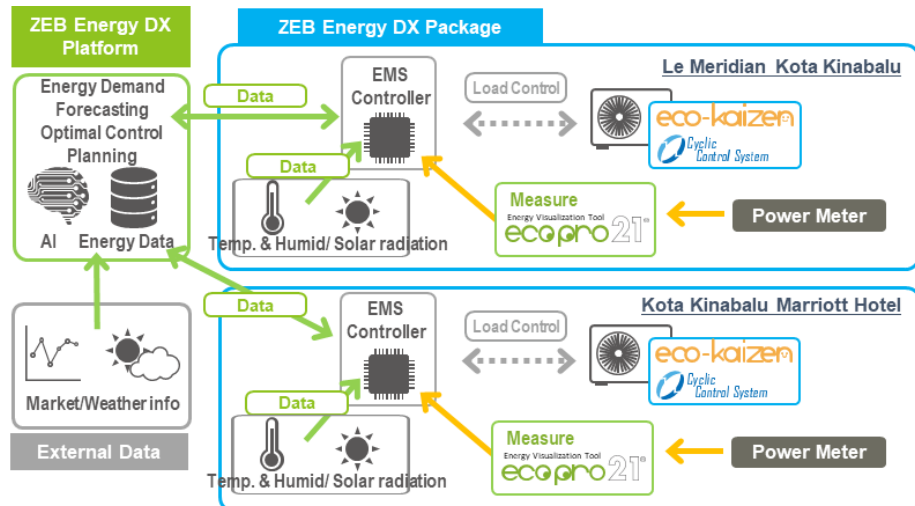
<https://www.iforcom.jp/>

## Outline of the demonstration project

- Pilot Project of Decarbonization Technology to Achieve Carbon Neutrality in Tourist Facilities in Malaysia

## Cooperation with local companies/governments

- Local Partner: ZnZ Tjjarah Sdn. Bhd., etc.
- Details of cooperation and collaboration: Installation of Equipment, Support for PoC



## Targeted economic/social issues

- Achieving the Malaysia's decarbonization target and reducing the high energy consumption in buildings.
  - The government aims to achieve carbon neutrality by 2050.
  - The introduction of decarbonization technology for buildings is an urgent issue in Kota Kinabalu City, since in terms of energy consumption in the city, commercial facilities account for the second highest at 18% after urban transportation.
  - The promotion of energy-saving technology is listed in the state's development plan (Sabah Structure Plan 2033), but the clear roadmap is not shown.

## Details of demonstration

- Reduce energy consumption in commercial facilities through comprehensive energy management that combines active technology (AC control, etc.) and external data.
- Design, implement, and operate technical services for two Marriott-affiliated hotels in the area, and aim to disseminate and develop the target technology through dissemination seminars that will be held as a summary of the results.
- In a past study of Johor state, 500,000 yen of electricity cost reduction and 23.6 ton of CO2 reduction annually were estimated for a government office building.

## Expected outcome of beneficiary effects

- Reduction of electricity bill and CO2 emissions by introducing target technology
  - Cost reduction: approx. 9.8 mil. yen / year (by controlling air conditioning (central + package type), estimated by simple preliminary diagnosis)
  - CO2 reduction: approx. 740 co2-t/year (estimated)
  - Achieving cost reduction of 700 million yen annually after applying for all the hotels in the area
  - Aiming to expand business in the country through the Marriott affiliates