

Reduction of Greenhouse Gases in the Iskandar Development Region

Panasonic, Japan Facility Solutions, The Japan Research Institute

MOEJ: F/S on formation of large-scale JCM project to create a low-carbon society in Asia (2014~) (44)

Contribute to the development of a green and healthy Pasir Gudang using the “Kitakyushu Model”

This project aims to develop a Large-Scale GHG Emissions-Reduction Project through the application of the “Fujisawa Model by Panasonic”, “Kitakyushu Model” and “ESCO Business Model”, in residential areas, industrial areas, and individual buildings, based on LCSBP in Iskandar development region, Malaysia.

The Asian Center for Low Carbon Society will conduct studies and offer recommendations for the low-carbon development of industrial areas in the city of Pasir Gudang.



Proponent: Japan Research Institute Implementation Plan	Cosponsor	Panasonic	Kitakyushu	Japan Facility Solutions
	Objective	<ul style="list-style-type: none"> Low-carbon development of residential areas 	<ul style="list-style-type: none"> Low-carbon development of industrial areas 	<ul style="list-style-type: none"> Low-carbon development of buildings
	Methods	<ul style="list-style-type: none"> Development of mechanisms and formation of project to achieve the low-carbon development of residential areas using the Fujisawa Model 	<ul style="list-style-type: none"> Development of intercity/intergovernmental-linked systems to achieve the low-carbon development of industrial areas using the Kitakyushu Model 	<ul style="list-style-type: none"> Create mechanisms for sustainable low-carbon development by facilitating ESCO business.
	Research Plan	<ul style="list-style-type: none"> Discussions with two developers Participation in basic and detailed designs for residential areas in order to achieve the development of a low-carbon area based on the results of studies in FY 2013 	<ul style="list-style-type: none"> Set up a forum for discussions to study the situations of cities and facilitate ongoing consultations in order to achieve intercity cooperation with Pasir Gudang. Identify potential fields and areas for low-carbon development. 	<ul style="list-style-type: none"> To carry out, such as "energy-saving effect secondary diagnosis", "planning of effect verification method," "the development of standard contract"
	Linkages	<ul style="list-style-type: none"> Developer A Developer B 	<ul style="list-style-type: none"> Pasir Gudang City 	<ul style="list-style-type: none"> TNB Energy Services

Kitakyushu proposed the following low-carbon support measures to Pasir Gudang:

- Measures for green industry
- Measures for sustainable waste management
- Measures for low-carbon development
- Measures for green communities