



JICA's Supports to IKN and TriCity

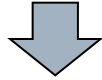


JICA
Indonesia Office
YASUI Takehiro
08/11/2023

JICA at a glance

Government of Japan
Ministry of Foreign Affairs

Official Development Assistance (ODA)



Japan International Cooperation Agency
(JICA)



148

Developing Countries and Regions
Receiving Assistance

during fiscal 2018



On-Going Cooperation in Indonesia



Public Urban Transport Development
(Jakarta MRT North South Line, first subway/MRT in Indonesia)

MRT Jakarta: Symbol Project

Cooperation between Indonesia and Japan.
Finance, Technology, Operation Style...



2004 JKT Urban Transportation M/P
2008 First L/A
2019 Operation Start

Patimban Port

New International Port Development
in Metropolitan Area



©Junichi Fukushima

Recovery from Earthquake in Central Sulawesi

Master Plan for Regional Recovery



Housing: WB

Sea Coast Protection: ADB

Road Development, River Basing Protection,

Land Slide Protection: Japan ODA Loan

Paru Bridge: Japan Grant Aid

1. To Ministry of Public Works and Housing (PUPR)
 - Dispatch Japanese Engineers to support Quality Assurance to Construction of Basic Infrastructure in Governmental Core Area (KIPP) since June 2022.

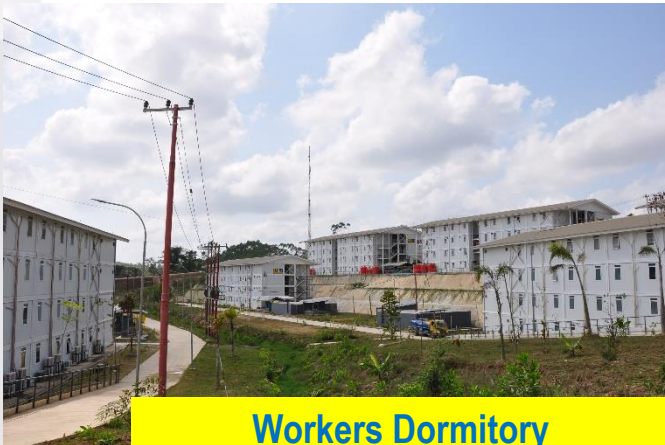
2. To NNCA (OIKN)
 - MOC signed on May 2023
 - Collaboration such as utilization of JICA long-term experts and the below survey

3. To BAPPENAS
 - JICA commenced a survey for East Kalimantan (incl. IKN) regional development since June 2023.
 - Thorough the survey, JICA is seeking for possible future cooperation

Note: Displayed in the chronological order.

Sharing Japanese Engineering Knowledge with PUPR for Infrastructure Development in IKN (from June 2022)

- Japanese Engineering Team for reviewing and recommendation on construction quality control and assurance for priority basic infrastructure projects in KIPP – IKN by PUPR



JICA's Support to IKN and TriCity

Encouraging Japanese Private sector to IKN and Kalimantan

- JICA Survey Team and JICA Long Term Expert to BPKM (Ministry of Investment) have viewed legal framework, plans, and designs related to IKN Nusantara
- These Surveys also cover trends on investments by foreign development partners and private sector
- IKN Site Visit Tours in June 2022, January and April 2023.
- Japanese Media Tour in July 2023
- Information dissemination for motivating Japanese companies' to the investments in IKN Nusantara.
- IKN seminar for Japanese private sector in March 2023, and plan to have the 2nd seminar in December 2023.



Support for the Development in East Kalimantan Region in collaboration with BAPPENAS

- JICA commenced a survey for East Kalimantan (incl. IKN) regional development since June 2023.
- Planning for the development in cities in East Kalimantan and promotion Tri-City (IKN-Samarinda-Balikpapan) development concept in the region.
- Recommendation from such cooperation would be applied for Development of IKN Nusantara.



Support for the Development in East Kalimantan Region in collaboration with BAPPENAS (Continued)

Initial Findings from the survey

Overall	<ul style="list-style-type: none"> ❑ How to realize Low carbon city ❑ Lack of integration/coordination of the development plans (sector-wise, area-wise) ❑ Inclusion of Samboja and Other In-Between Urban Nodes and Villages 		
Connectivity (Transportation, ICT)	<ul style="list-style-type: none"> ● Traffic Congestion ● Less use of public transportation ● mixed traffic (industrial and general vehicles in Samarinda) ● LRT/BRT/Railway plans, but not yet realized. 	Electricity and Energy	<ul style="list-style-type: none"> ● Enough power supply, but not Green ● Connectivity
Climate Change (Disaster Risk Management)	<ul style="list-style-type: none"> ● Insufficient Drainage, flooding ● Landslides 	Urban Management	<ul style="list-style-type: none"> ● Urban sprawl ● Traffic congestions ● Smart City
Environmental Management (incl. Waste Management)	<ul style="list-style-type: none"> ● Improper management of ex-mining sites ● Less capacity of landfill sites (sanitary landfill in Balikpapan, open dumping in Samarinda) 	Living Environment	<ul style="list-style-type: none"> ● Water Supply (Quantity and Quality) ● Waste water ● Informal settlements along the river (Samarinda)
Industrial Development and Investment Promotion	<ul style="list-style-type: none"> ● Heavily rely on Oil&Gas (Balikpapan), Coal mining(Samarinda) ● Lack of value-added industries ● Lack of human resources 	Diversity and Community Coexistence	<ul style="list-style-type: none"> ● low number of social conflicts

Support for the Development in East Kalimantan Region in collaboration with BAPPENAS (Continued)

Connectivity (Transportation, ICT)

Balikpapan City

Container Terminal



Kariangaw Industrial Zone



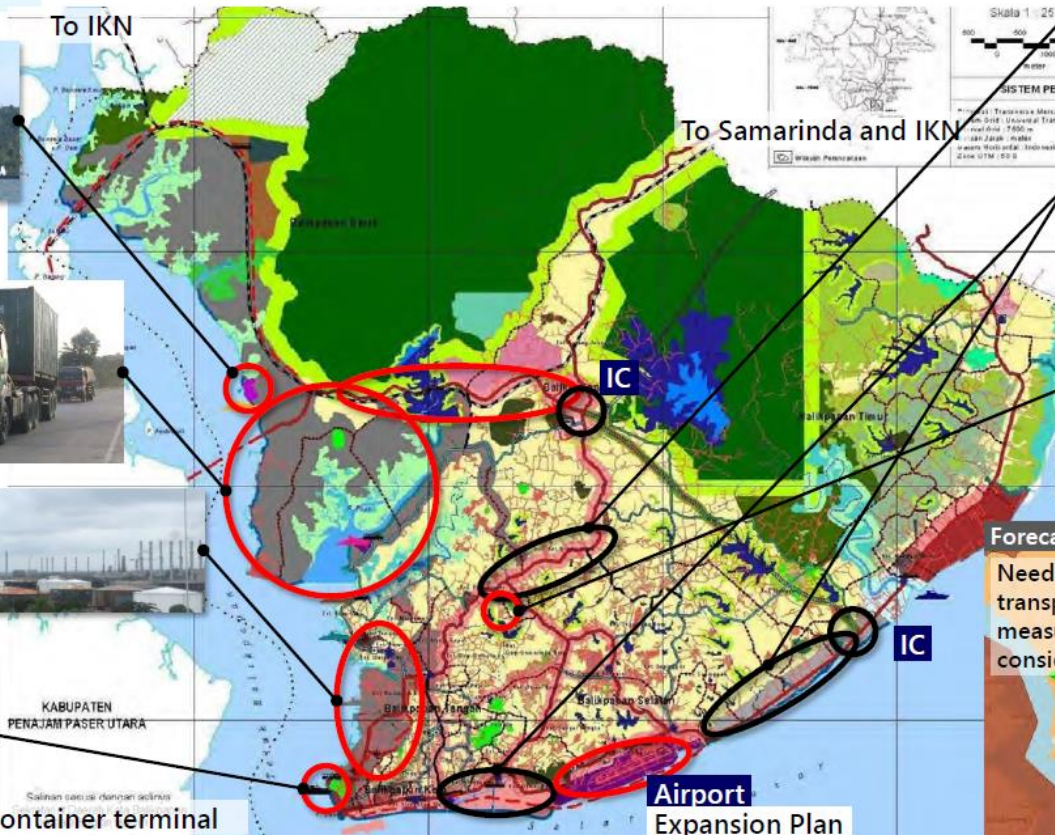
Pertamina



Ferry & Cargo Port



Plan: Integrated port around container terminal



Congestion Points



Bus Terminal



46 Bus/day → Samarinda
6 Bus/day → Nusantara

Forecast 2040 (Not Considering IKN Impact)



Balikpapan City Spatial Pattern Plan 2012-2032

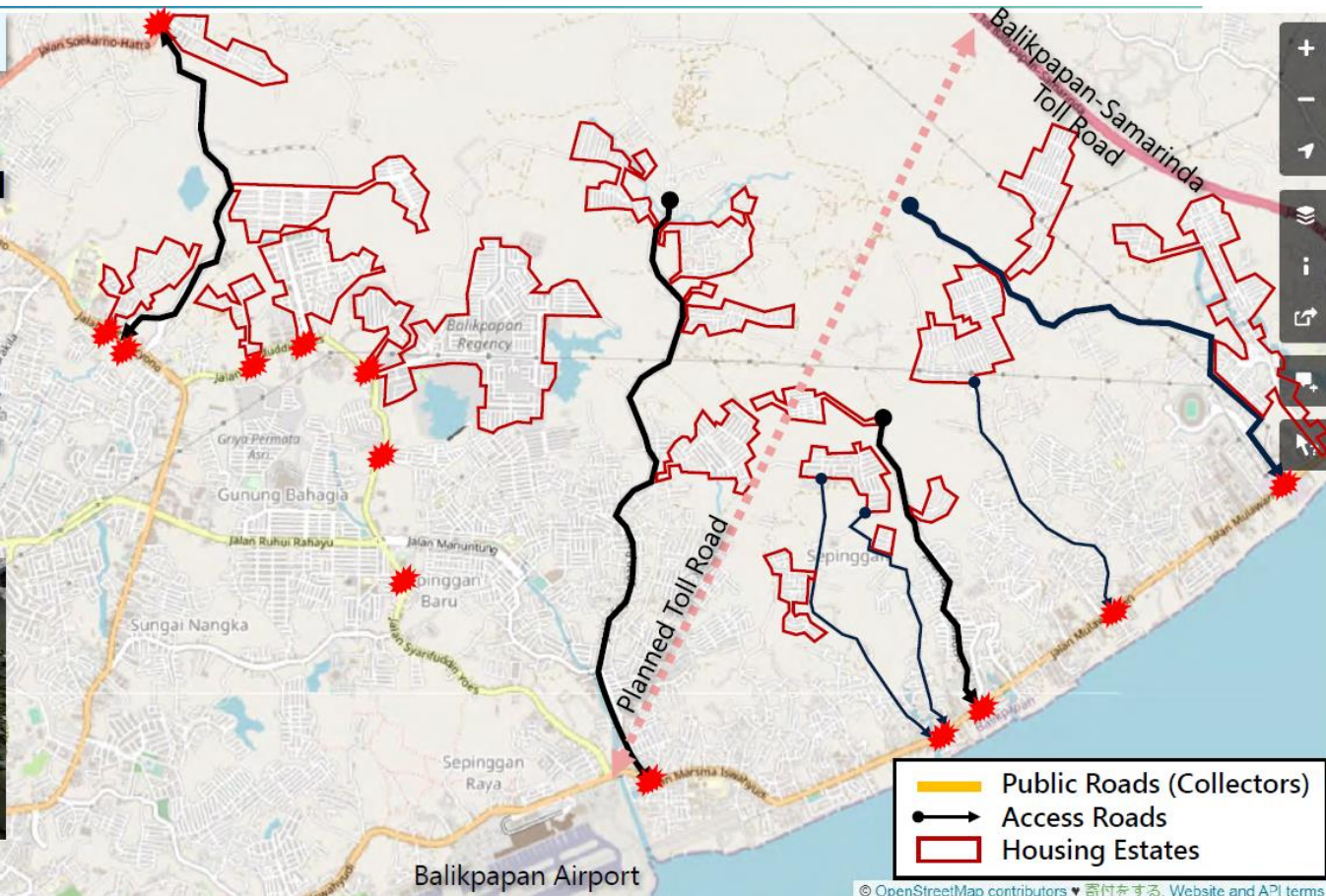
Balikpapan City Transport Master Plan 2023-2028

Support for the Development in East Kalimantan Region in collaboration with BAPPENAS (Continued)

- JICA team found several urban/spatial issues through the survey.
- JICA is also considering the contents of upcoming and future cooperation.

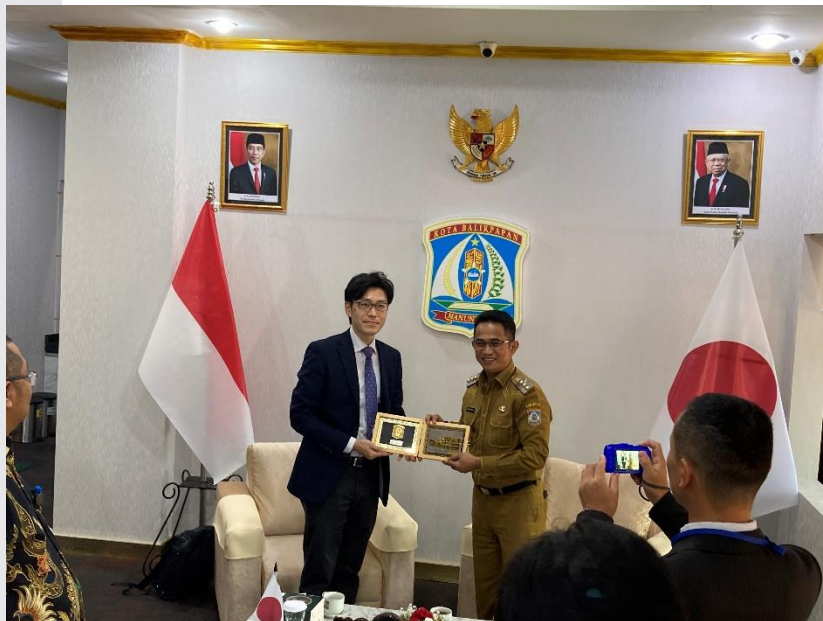
Balikpapan City: Eastern Sprawl

- Housing Development is Expected to Intensify; **Flooding, Landslides, and Environmental Impacts on Land** (Runoff, Sewage, etc.) to be Regulated
- **Roadway Network is to be Strengthened through Planning** to Avoid Severe Traffic Jams at Peak Hours as Suburban Population Grows from Expected Inflow into Balikpapan



Knowledge share by Yokohama City to Balikpapan

- With huge support and collaboration by BAPPENAS, JICA dispatched some staff of Yokohama City for workshop sharing its knowledge (Urban development and Sewage) with Balikpapan city in October 2023.
- Beside the direct collaboration such as yen loan and technical cooperation, JICA can collaborate connecting various relationships and resources.





ありがとうございました!!



Terima Kasih Banyak!!