



PT TERMINAL TELUK LAMONG

THE FIRST GREEN PORT IN INDONESIA

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Presentation Outline:

1. Terminal Teluk Lamong as a sustainable and green port.
2. Automation as a key to increase productivity and efficiency.

**WHY WAS
TELUK LAMONG
BUILT**

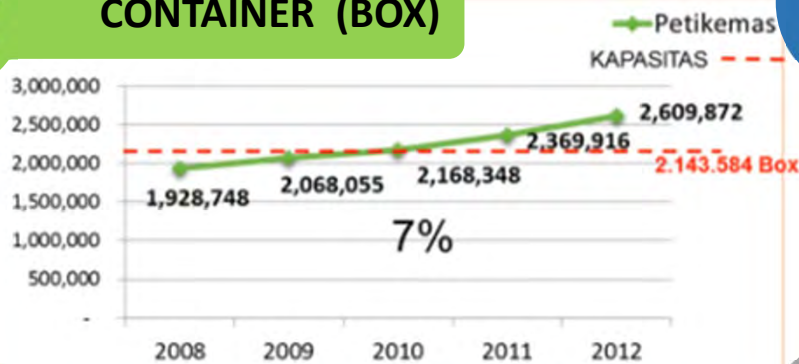


GOODS

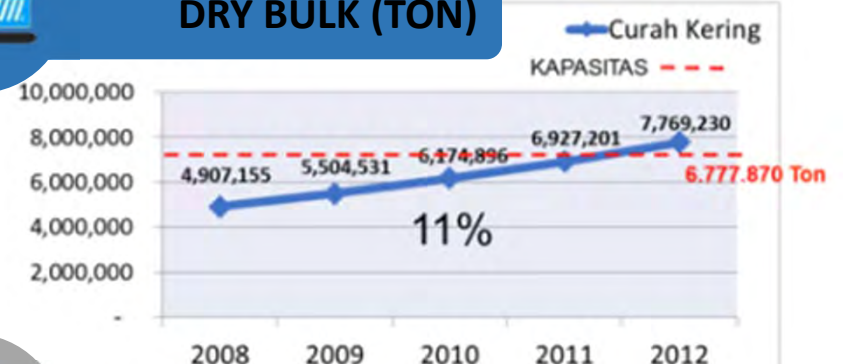
COMPARISON OF GOODS DISTRIBUTION AND CAPACITY IN TANJUNG PERAK (2008 – 2012)



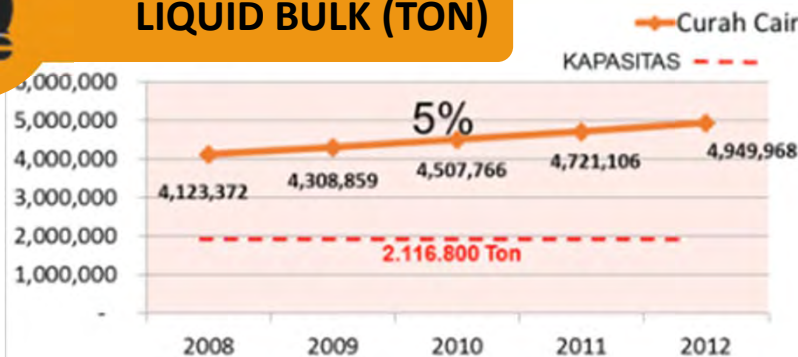
CONTAINER (BOX)



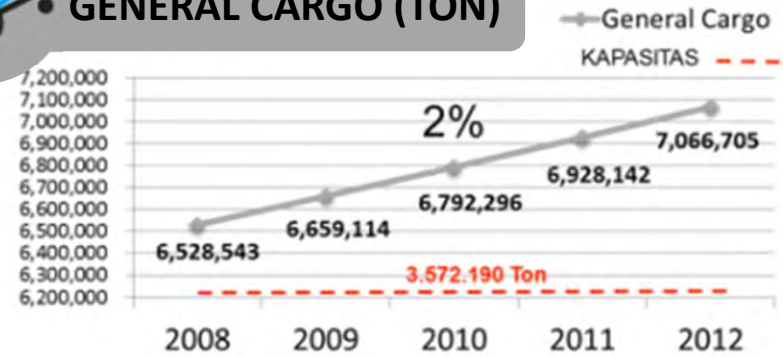
DRY BULK (TON)



LIQUID BULK (TON)

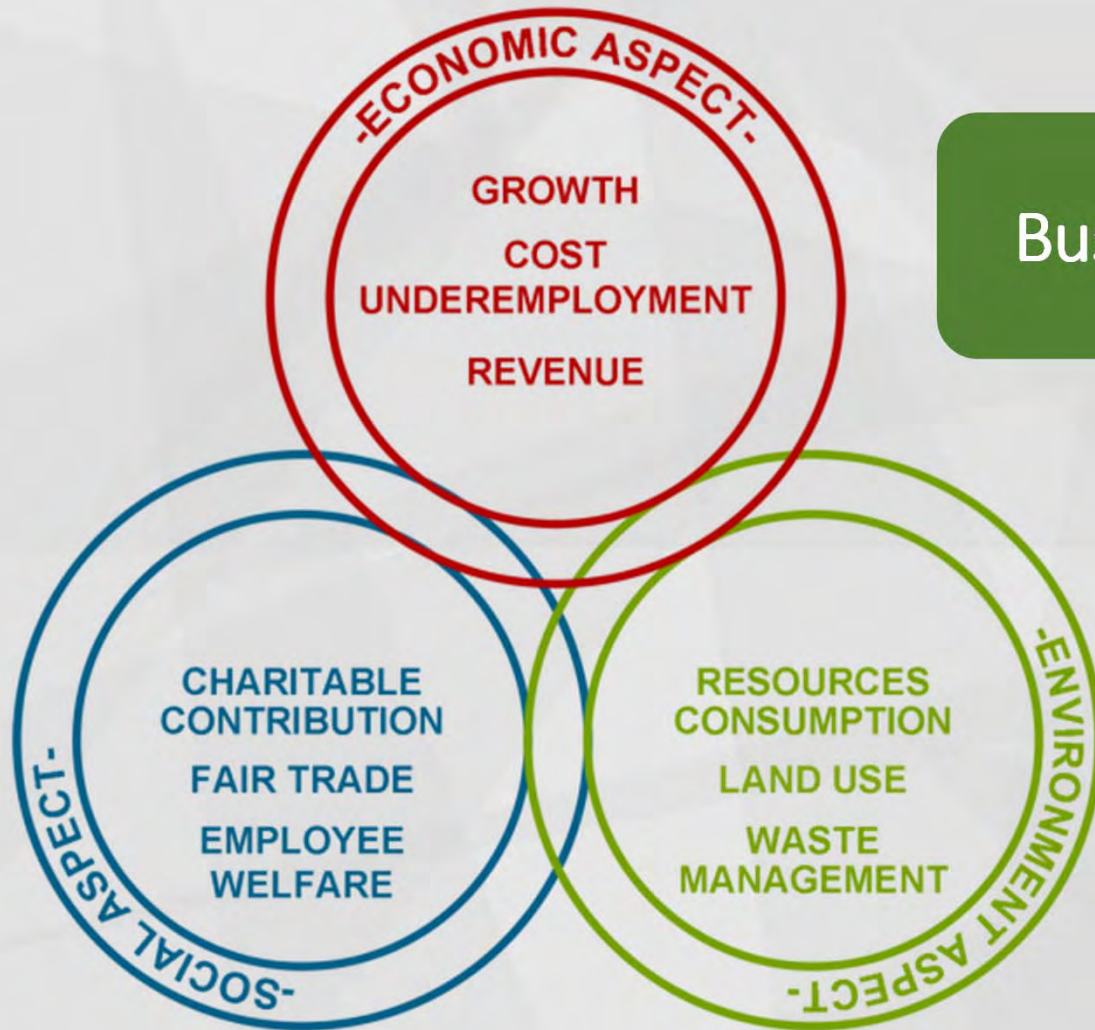


GENERAL CARGO (TON)



Green

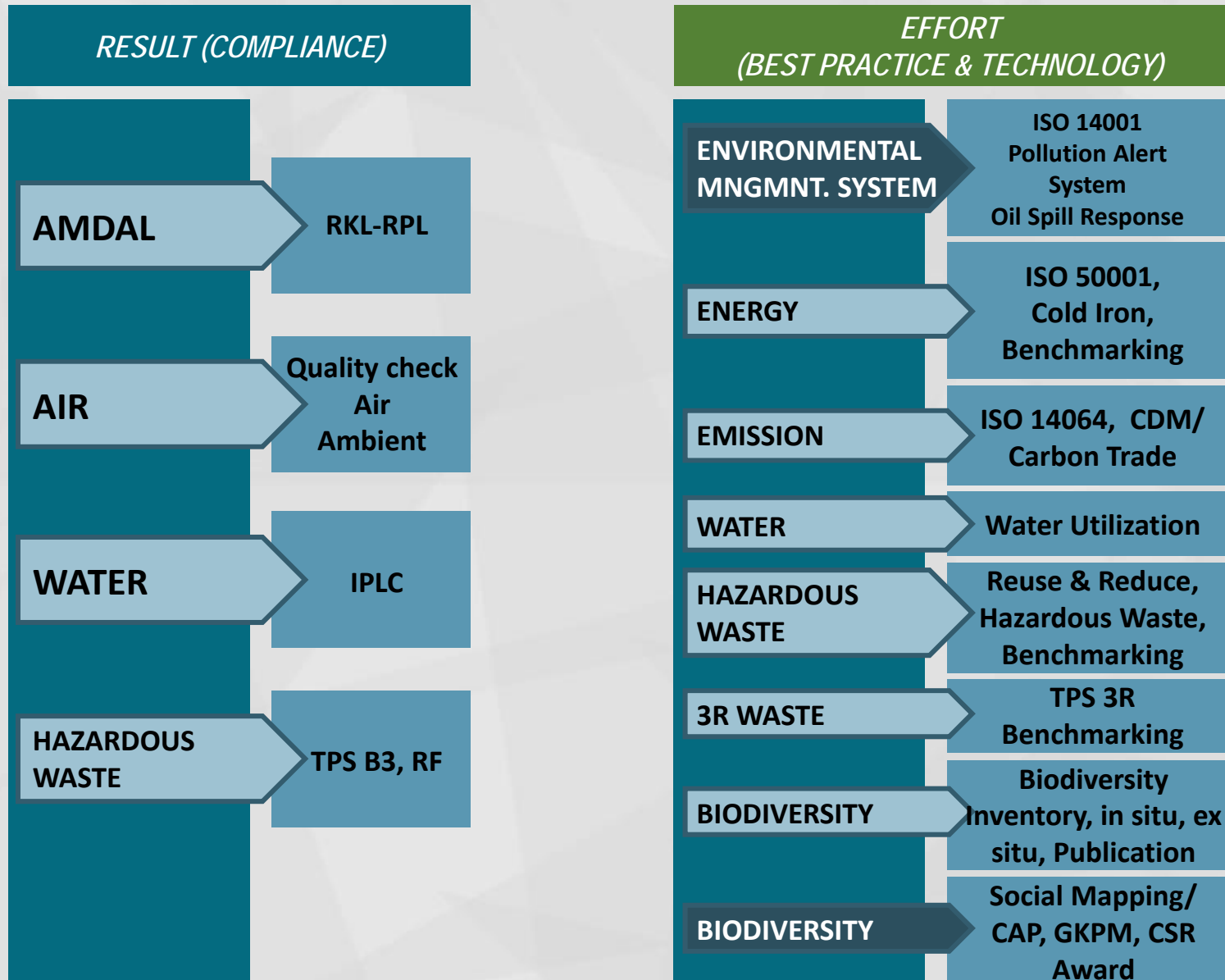
TRIPLE BOTTOM LINE (THREE PILLARS OF SUSTAINABILITY)



Business Sustainability

Green

PT TERMINAL TELUK LAMONG AS GREEN TERMINAL





***THE FIRST GREEN PORT
IN INDONESIA***

Green

PT TERMINAL TELUK LAMONG AS GREEN TERMINAL

ECO FRIENDLY TECHNOLOGY

- ✓ *CNG Truck*
- ✓ *Using Electrical Equipment*
- ✓ *Build CNG Power Plant*
- ✓ *Light Emitting Diode (LED) Lighting*
- ✓ *Solar Cell*

MATERIAL RECYCLE

- ✓ *Applying Exhaust Gas for Air Conditioner*

ENVIRONMENTALLY AWARENESS

- ✓ *Mangroove Plantation*
- ✓ *Not using fossil energy*
- ✓ *Supporting environmental activities*

WASTE MANAGEMENT SYSTEM

- ✓ *Waste management System*
- ✓ *Incinerator*
- ✓ *Oil Water Separator*
- ✓ *Oil Spillage Respond*



TERMINAL

INFRASTRUCTURE

SUPRASTRUCTURE

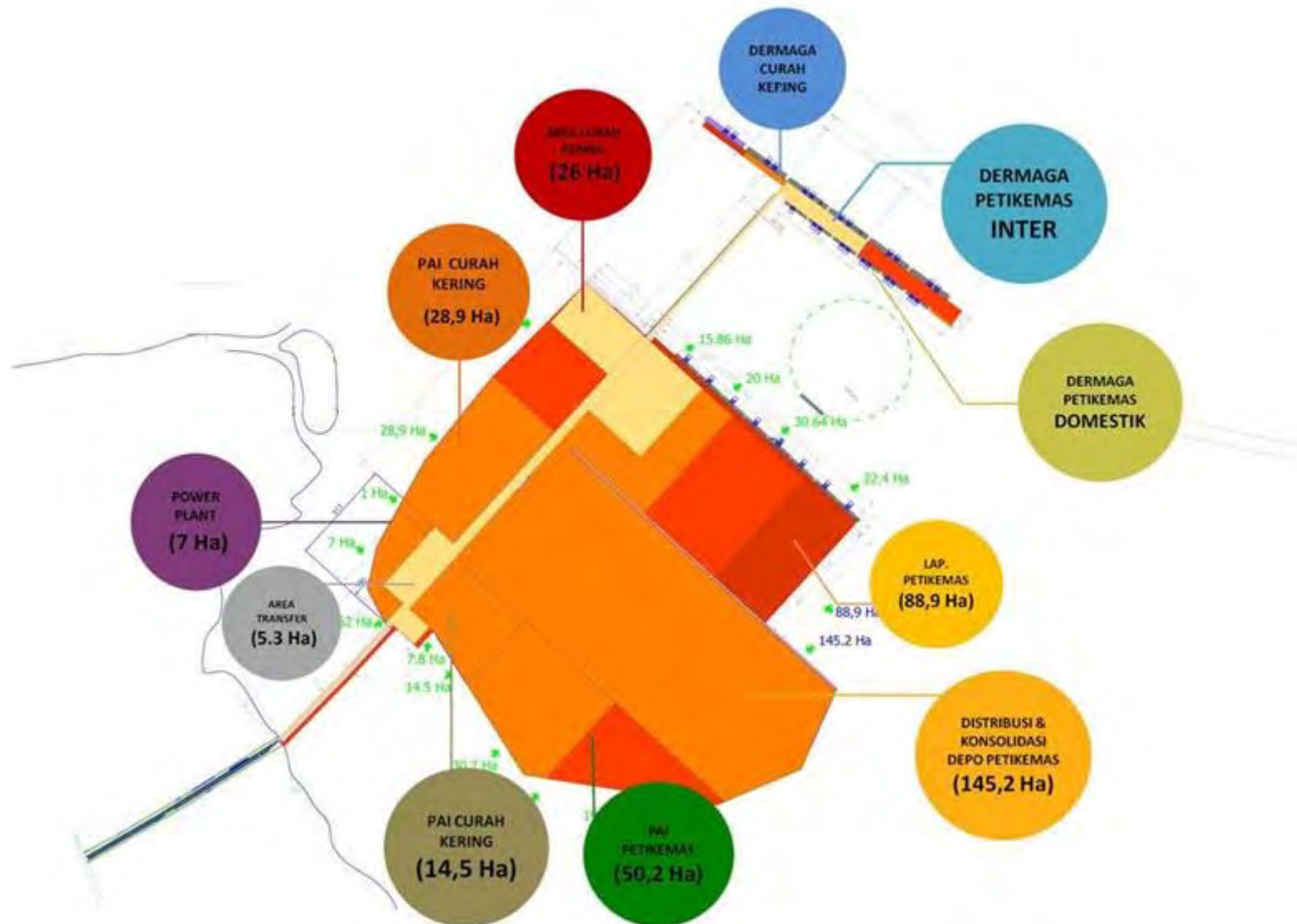


TERMINAL TELUK LAMONG

The image shows the Terminal Teluk Lamong building at dusk. The building has a curved roof and is supported by several columns. The sky is a mix of blue and orange, indicating sunset or sunrise. There are some people and vehicles visible in the foreground, and some construction equipment is visible in the background.

Facility

ULTIMATE PHASE OF PT TERMINAL TELUK LAMONG





TRANSPORTATION

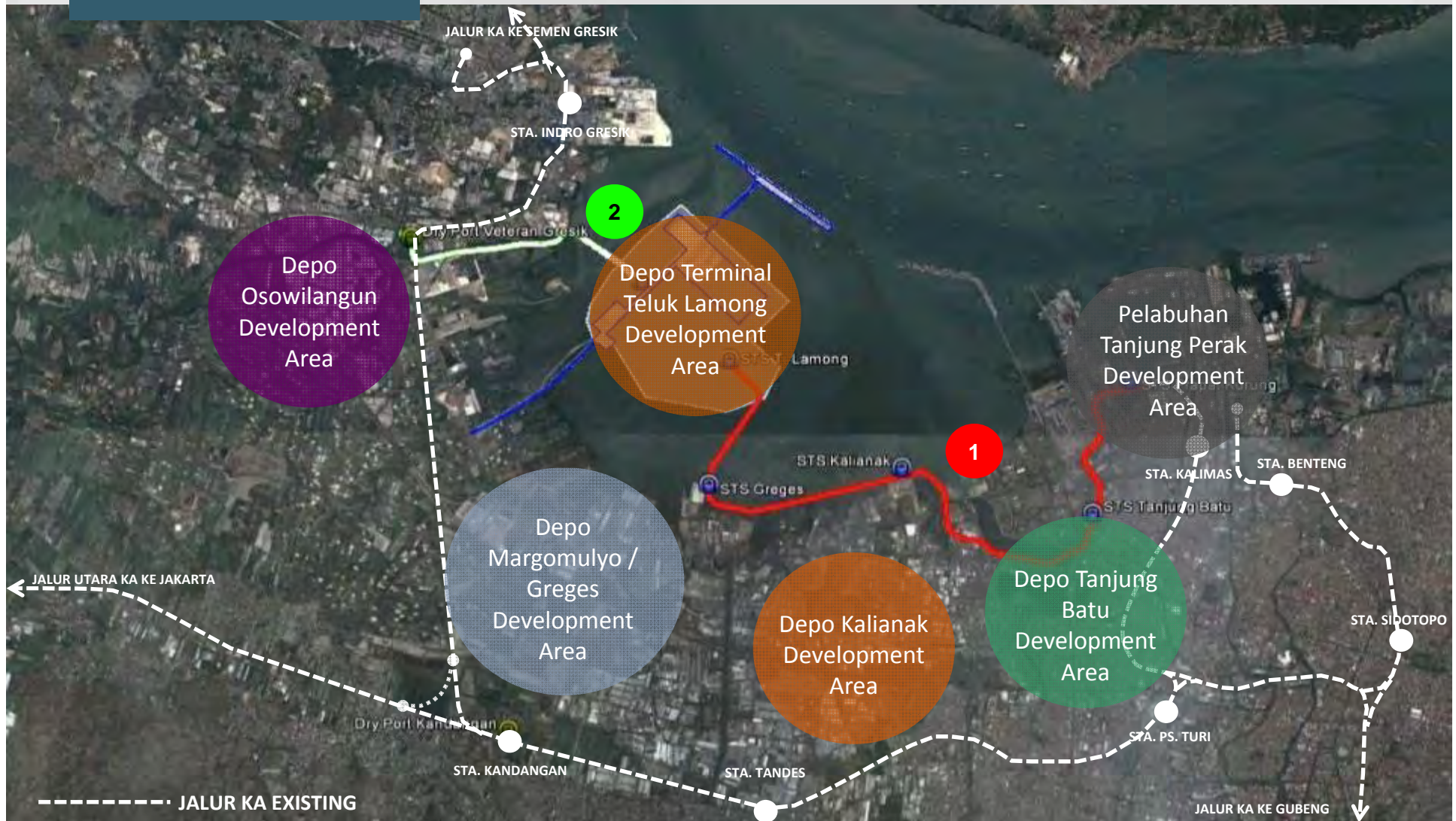
INTEGRATION

CONCEPT



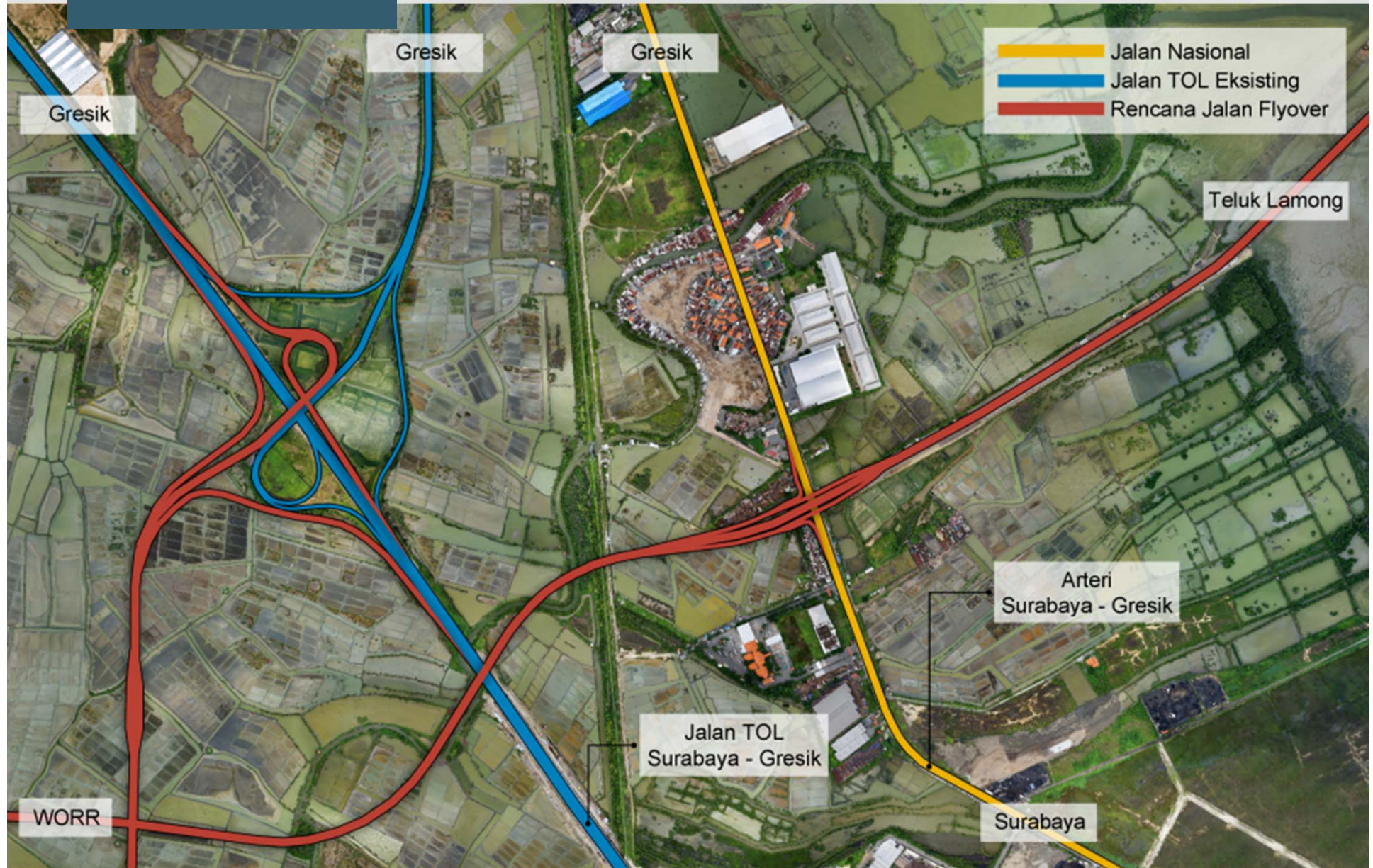
CONTAINER DEPOT

INTEGRATION INTERMODA & CONTAINER DEPOT



TOLL ROADS

INTEGRATION TOLL ROADS





AUTOMATION

AS

PRODUCTIVITY SOLUTION

Benefits

1. To increase terminal productivity at a constant level of quality.
2. To increase the level of safety.
3. To increase the level of efficiency and the accuracy.

Automated Stacking Crane specifications:

1. Twice RTG Productivity
2. 1 Person can operate 3-4 ASC at the same time.
3. Electricity-Powered and environmentally friendly.
4. SWL 40 Tons under the spreader.
5. 270 meters per minute gantry speed.
6. Controlled from the tower, there's no operator inside the ASC. (for safety reasons)



ASC

Automated Stacking Crane



**Docking
Station**

Automated Lift On/Off System



CTIV

Full Automated CTT Systems



Thank You

