



# Regional Port Developments

## TOC Asia 2017

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26 April 2017

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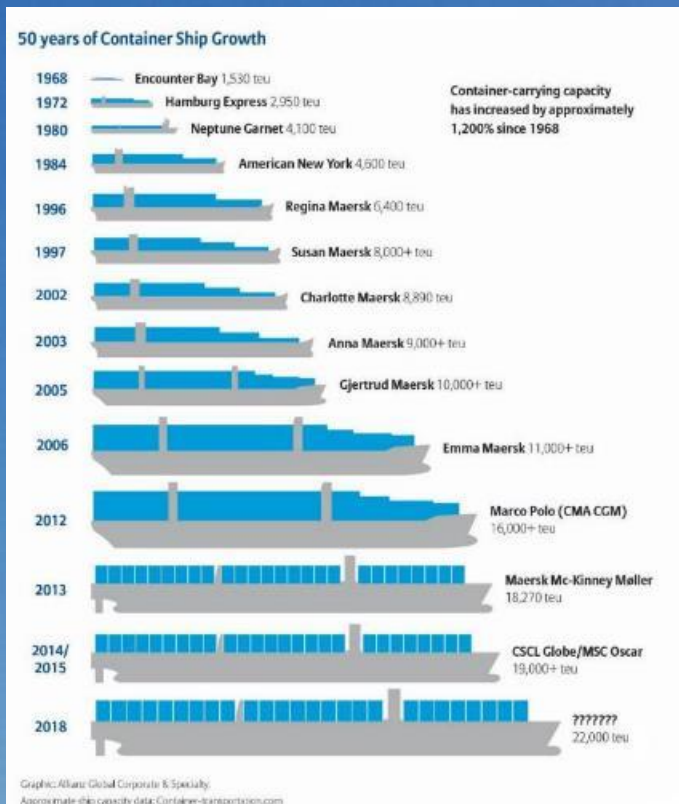


# Tanjung Priok and New Priok

Tanjung Priok is the key port of the fourth largest country on earth. It is the hub supply 250m people over a 17,000 island archipelago. Working at over 100% utilisations it did not have the capacity or capability to deliver. New Priok was needed to:

- Reduce logistics costs
- Deliver more handling capacity
- Create the capability to accept larger ships
- Improve access to Tanjung Priok
- Build a port developer
- Generate cash flow
- Generate the ability to invest

**Mission critical project for the Government of Indonesia**



# New Priok CT1, in operation



# New Priok CT2&3 and beyond

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# Where is the O/D volume

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# Where will the O/D volume be?

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# The basis of the maritime strategy

Current network (No reduction of logistics cost)

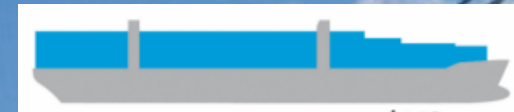


Proposed network (logistics cost reduced)



Source: Drewry Maritime Research

New and larger ships reduce costs



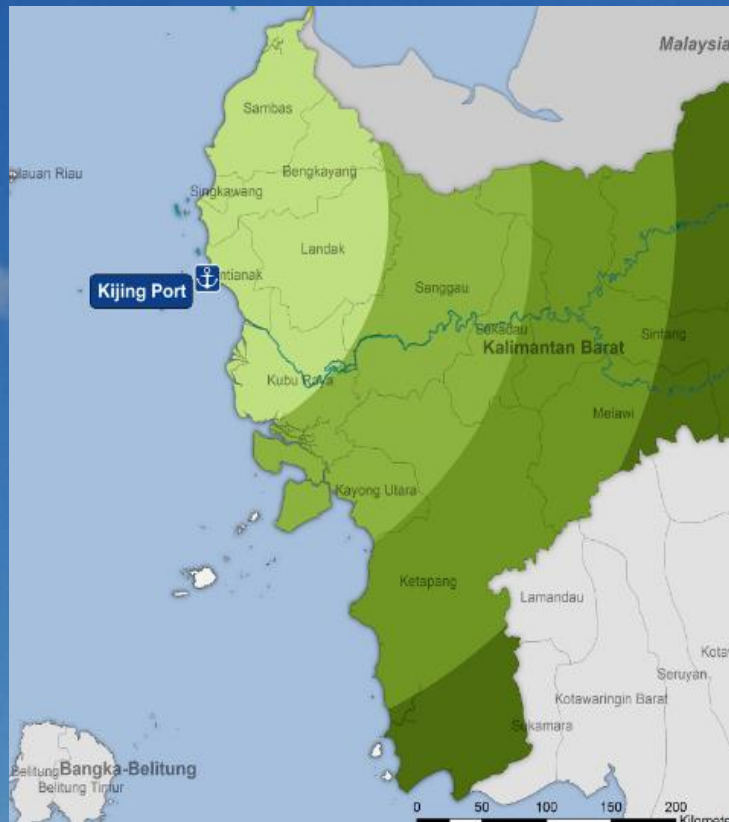


# River ports in Kalimantan

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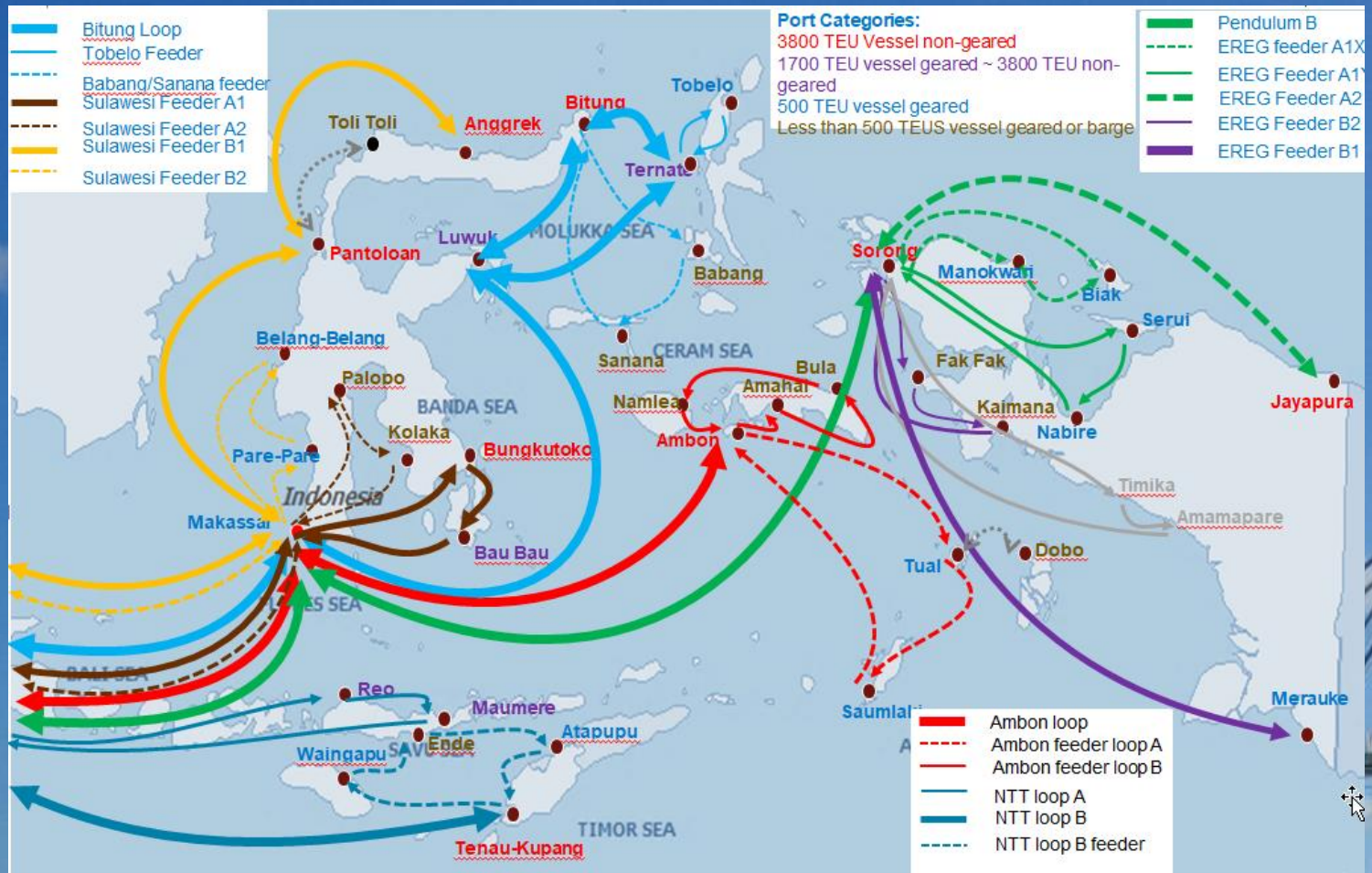


# The potential and the problems...



Type	Capacity	Draft (m)	Length (m)
<b>Container Terminal</b>	800,000 TEU/year	16.0	600 m
<b>Dry Bulk Terminal</b>	15mt /year	14.0	250 m
<b>Liquids Terminal</b>	300,000 cbm	16.0	500 m

# Development for east Indonesia



# Indicative planning concepts

## Port Category A



- Built to handle 3,800 TEU ship
- Upgrade port infrastructure (Berth length 300 m; Draft -14 mLWS)
- Upgrade handling equipment (Quay container crane/Harbour Mobile Crane)

## Port Category B



- Built to handle 1,700 TEU ship
- Upgrade port infrastructure (Berth length 200 m; Draft - 12 mLWS)
- Upgrade handling equipment (Harbour Mobile Crane)

## Port Category C



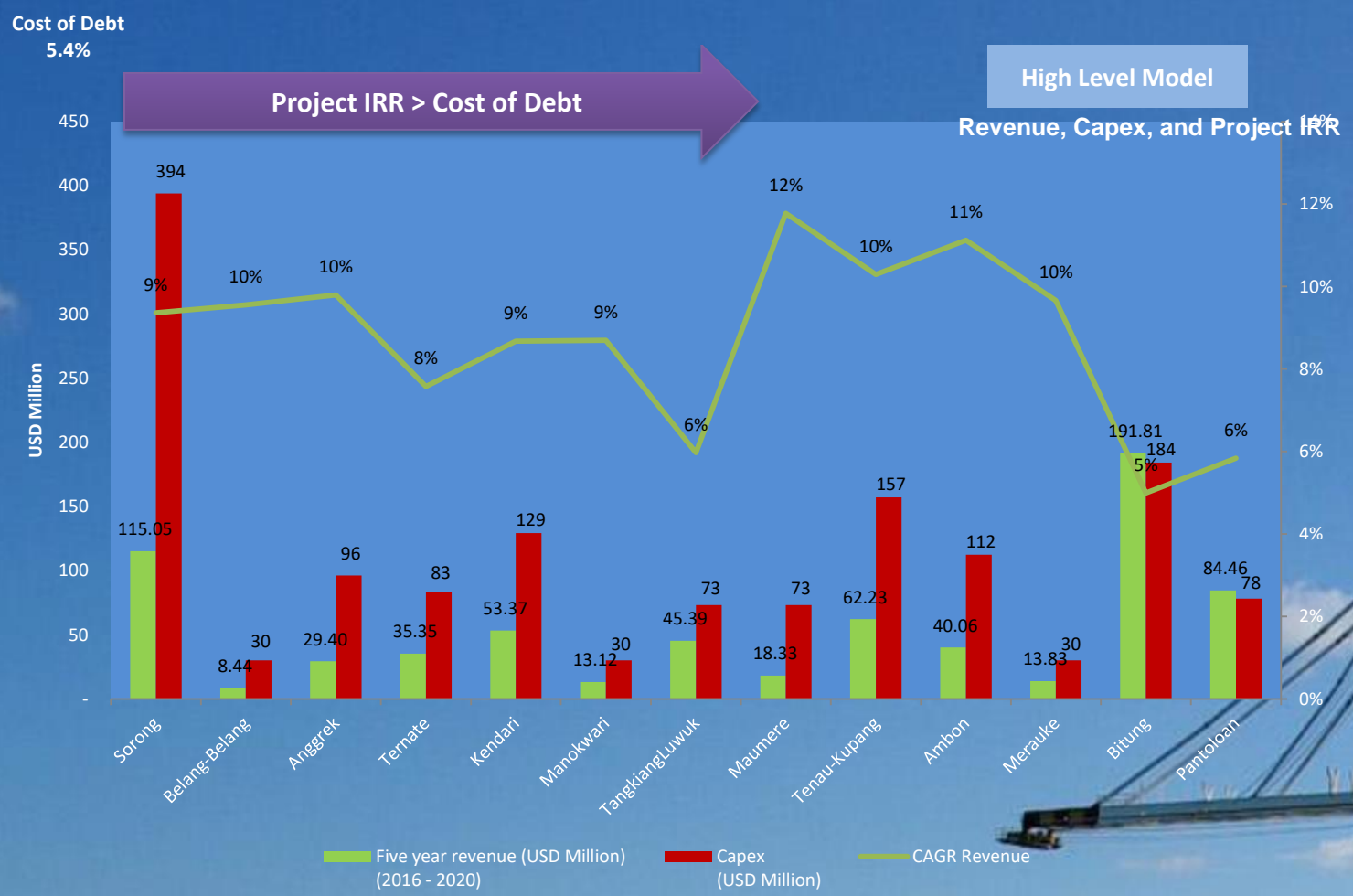
- Built to handle 540 TEU ship
- Upgrade port infrastructure (Berth length 150 m; Draft -10 mLWS)
- Handling equipment using either ship crane or Harbour Mobile Crane

## Port Category D



- Built to handle barge
- No major upgrade on the infrastructure and equipment

# Can this be financed?



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# Thank You

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