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ASOSIASI BADAN USAHA PELABUHAN INDONESIA

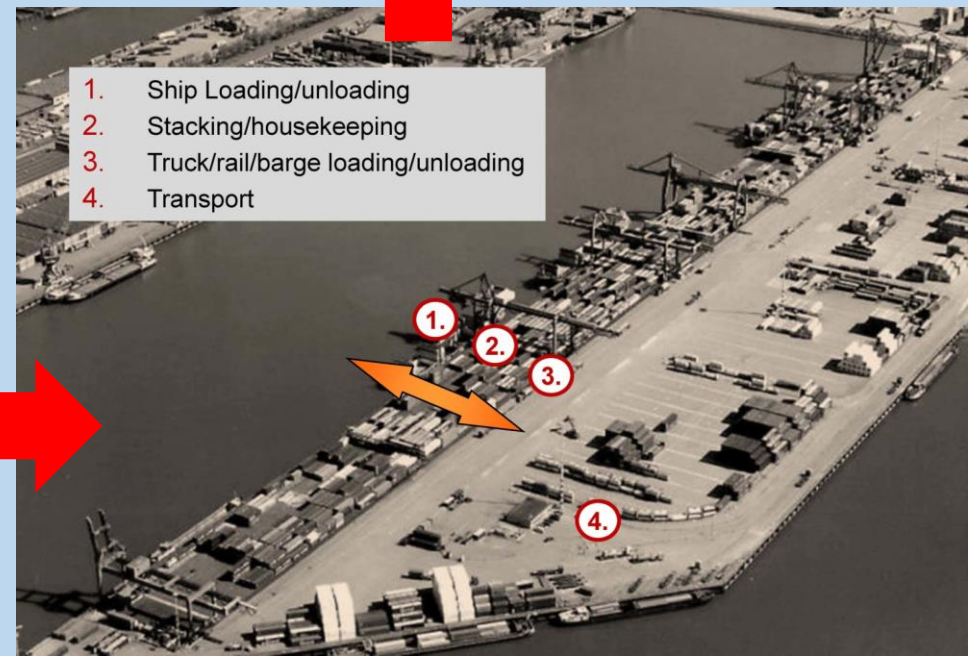
CIKARANG
DRY PORT
www.cikarangdryport.com

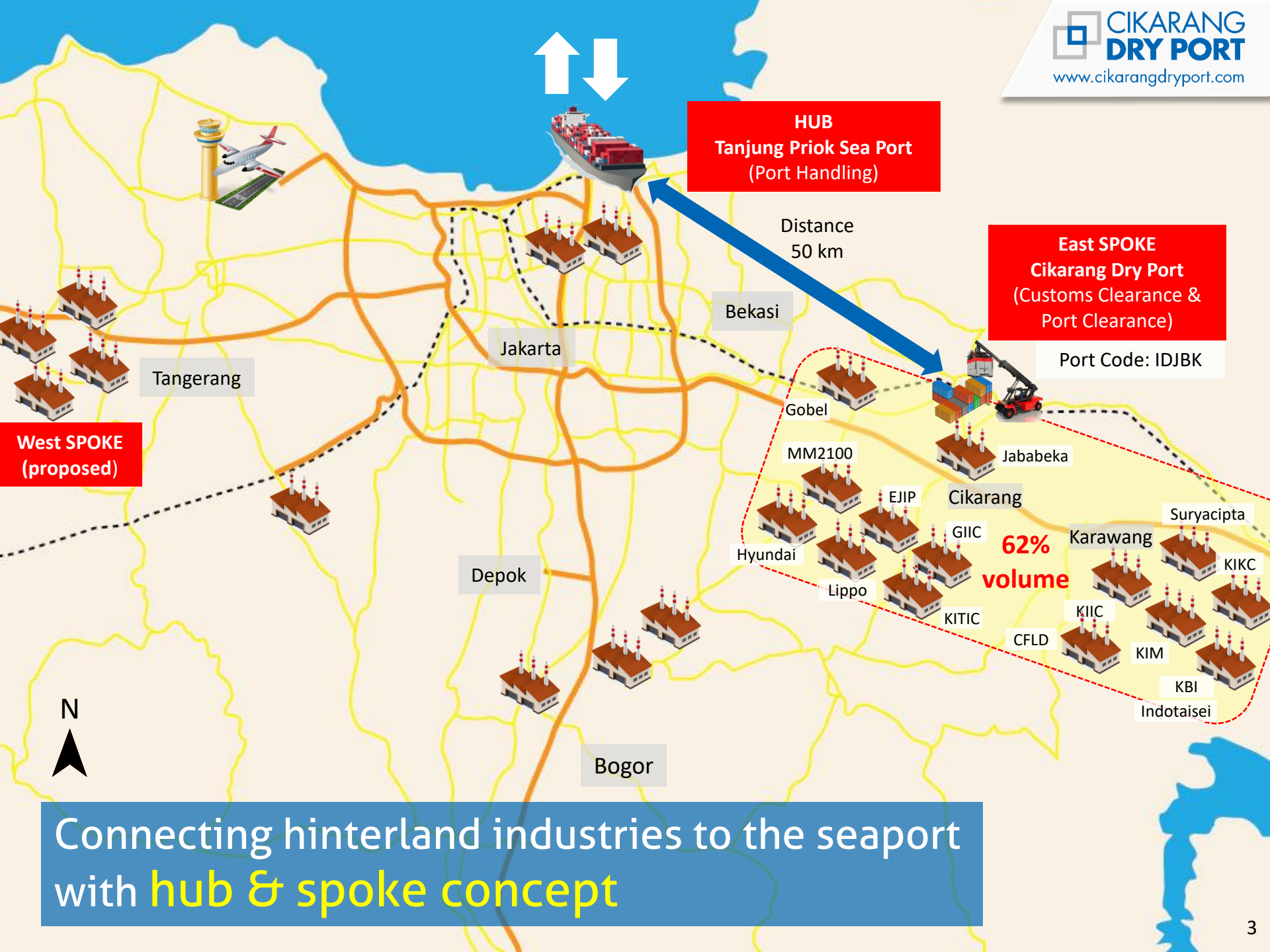
Developing Smart Port Ecosystem

Cikarang Dry Port's experience in Internet of Things implementation



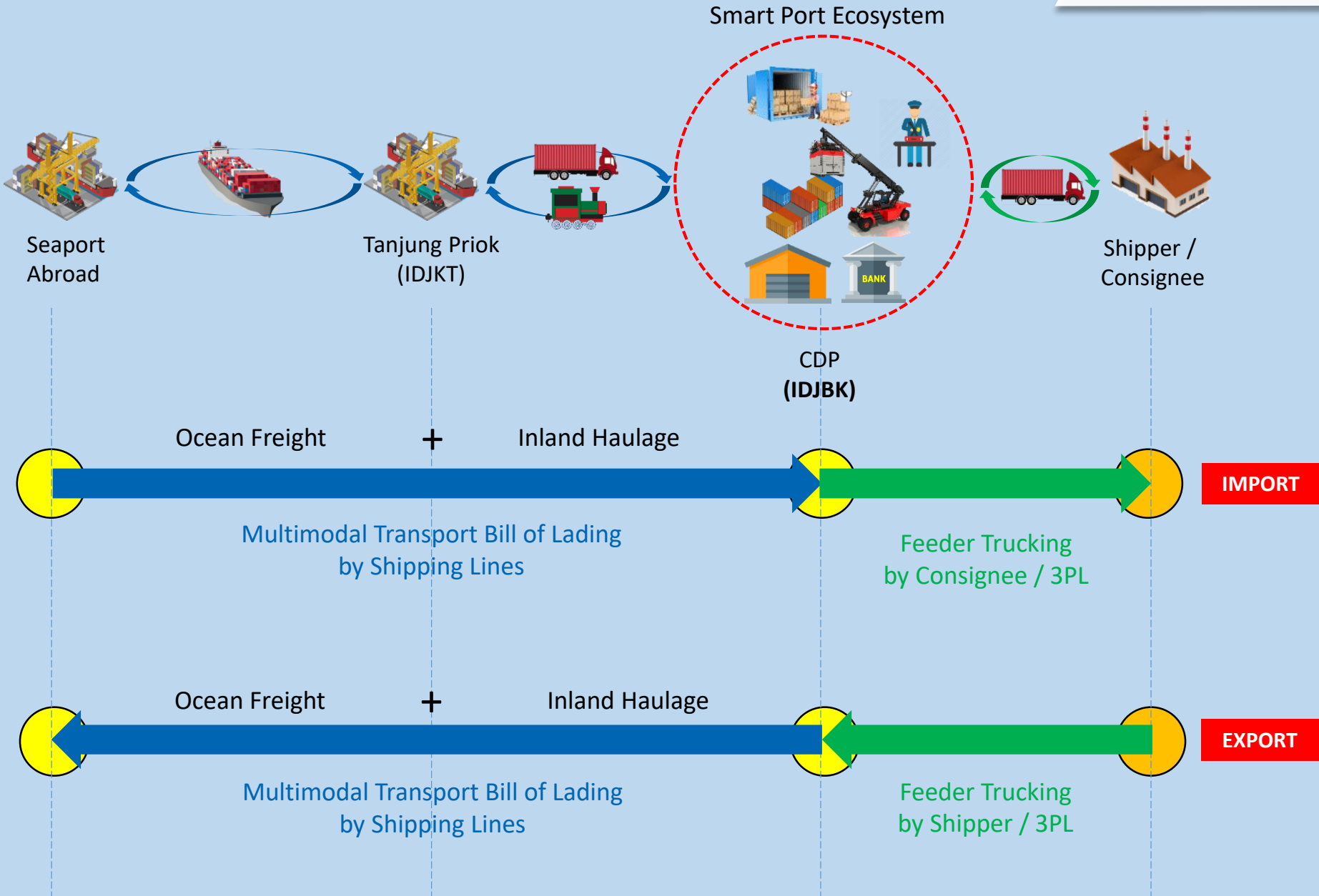
Sea Port Terminal Revolution





Connecting hinterland industries to the seaport with **hub & spoke concept**

Direct Export and Import



Customs Office

3rd party DC

New Office
& Warehouse

Empty Depot

Bonded Logistics Center

Office: CDP,
Quarantine, & Banking

Container Yard

Gate

Container Freight Station

Physical Inspection

Reefer

Mobile X-Ray

To Surabaya

To Jakarta / Tg. Priok

200 ha of
integrated port & logistics facilities





Seaport – Dry Port **Railway Connectivity**

Connecting Dry Ports: CDP – Lat Krabang



Benefits

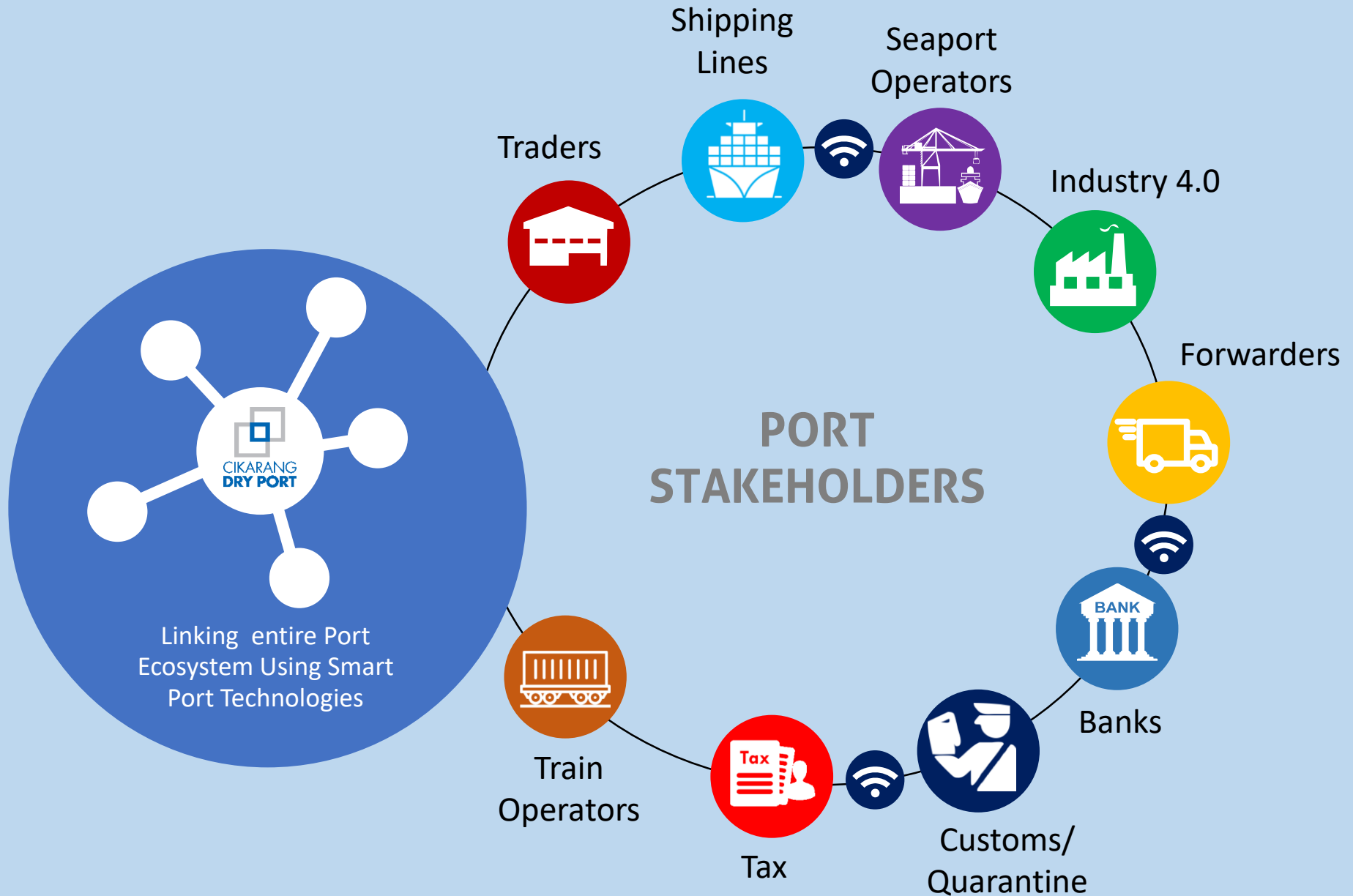
- **Expand and Explore the market**
Connecting strategic industrial zones and getting closer to the markets
- **One Stop Service Solution**
Port, Customs, and Quarantine are located and integrated in the same area
- **Better Visibility and Certainty**
Predicted lead time and cost using Multimodal Transport Bill of Lading
- **Faster Transit Time**
6 days total lead time Lat Krabang – Cikarang including 3 days sailing time

In Cooperation With

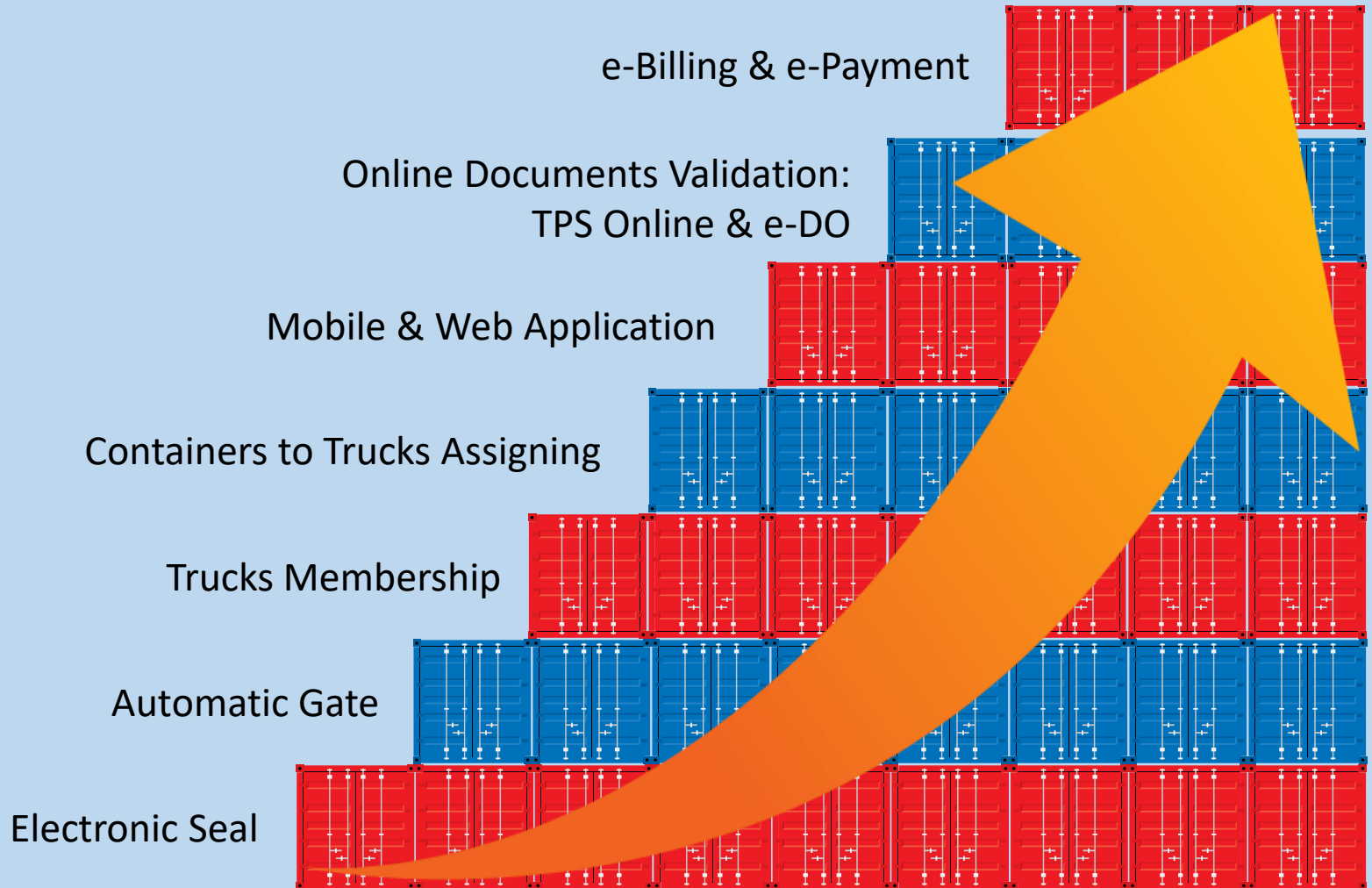


- Service First
- Customer's Satisfaction is Our Priority
- Fastest Transit Time in The Market

Smart Port Ecosystem



Smart Port Development Steps



GERBANG CIKARANG DRY PORT

6°16,07' LS: 107°09,87' BT

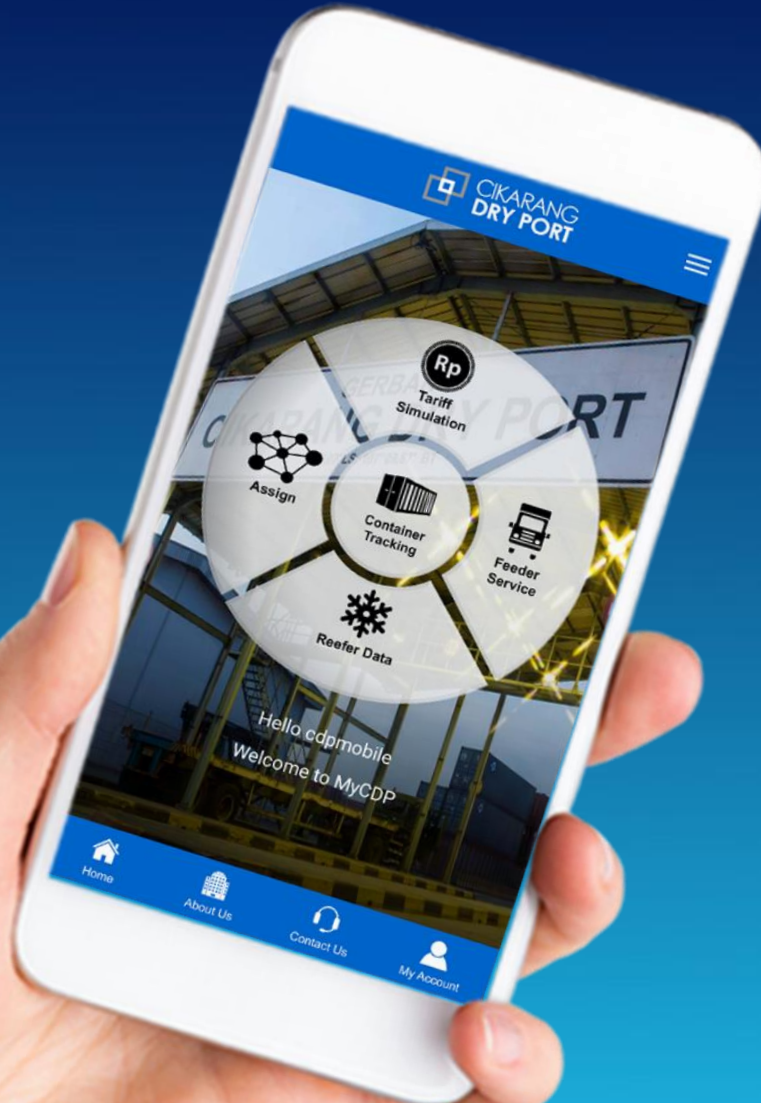
Bonded transfer with **electronic seal**
for monitoring and cargo security



Automatic Gate System



MyCDP: Cikarang Dry Port's services at your fingertips



1. Container Tracking
2. Monitor Reefer Data
3. Assigning Forwarders and Transporters
4. Order Feeder Trucking
5. e-Billing & e-Payment (for vesion. 2.0)



Conclusions

1. Smart Port System empowered by Internet of Things **interconnect every parties and stakeholders** for more efficiency productivity.
2. Smart Port innovation **creates and facilitates new market and opportunities** for port business
3. Possible **further developments**: marketplace for trucking services, warehousing services & commodities marketplace, etc.

Thank you very much.
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