

PT TEKNIKO INDONESIA

MARINE PROJECTS

- Cirebon 1 – Coal Fired Power Plant 660MW
- Cirebon 2 – Coal Fired Power Plant 1000MW
- Krakatau Steel – ISM Gas Power Plant 2X100MW
- LINE (Lotte Indonesia New Ethylene) Cilegon

PROJECT EXPERIENCES

- **Cirebon 1 – Coal Fired Power Plant 660MW – USD 32.5 million**
EPC Trestle 2 KM and Jetty 13,000 DWT (including Sea Water Intake)
- **Cirebon 2 – Coal Fired Power Plant 1000MW – USD 48.3 million**
EPC Trestle 2.7 KM and Jetty 15,000 DWT
- **Krakatau Steel – ISM Gas Power Plant 2X100MW – Cilegon – IDR 48.8 billion**
Sea Water Intake
- **LINE (Lotte Indonesia New Ethylene) - Cilegon – IDR 358 billion**
Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

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CIREBON 1 – COAL FIRED POWER PLANT 660MW

EPC Trestle 2 KM and Jetty 13,000 DWT (including Sea Water Intake)



Cirebon 1 – Coal Fired Power Plant 660MW

EPC Trestle 2 KM and Jetty 13,000 DWT (including Sea Water Intake)

- **Owner** : PT Cirebon Electric Power
- **Main Contractor** : Doosan Heavy Industry Co., Ltd
- **Subcontractor** : PT Tekniko Indonesia
- **Project Name** : Cirebon 1, CFPP 660 MW Power Plant
- **Project Duration** : 45 months
- **Work Items** : Jetty 13,000 DWT + Trestle 2 KM (EPC), SWI, GTSU Erection
- **Project Amount** : USD 32,500,000
- **Year** : 2007

Cirebon 1 – Coal Fired Power Plant 660MW

EPC Trestle 2 KM and Jetty 13,000 DWT (including Sea Water Intake)



Title : Jetty + Trestle
Year : March 2010



Title : Marine Piling
Year : November 2009

Cirebon 1 – Coal Fired Power Plant 660MW

EPC Trestle 2 KM and Jetty 13,000 DWT (including Sea Water Intake)



Title : Trestle + SWI Pipe



Title : Trestle + SWI Pipe

Cirebon 1 – Coal Fired Power Plant 660MW

EPC Trestle 2 KM and Jetty 13,000 DWT (including Sea Water Intake)



Title : Jetty 13,000 + Trestle 2km
Year : July 2010

Cirebon 1 – Coal Fired Power Plant 660MW

EPC Trestle 2 KM and Jetty 13,000 DWT (including Sea Water Intake)



Title : Jetty 13,000 + Trestle 2km
Year : July 2010

Cirebon 1 – Coal Fired Power Plant 660MW

EPC Trestle 2 KM and Jetty 13,000 DWT (including Sea Water Intake)



Title : GTSU Erection
Year : Nov 2010



Title : GTSU Erection
Year : Nov 2010

Cirebon 1 – Coal Fired Power Plant 660MW

EPC Trestle 2 KM and Jetty 13,000 DWT (including Sea Water Intake)



Title : GTSU Erection
Year : Nov 2010



Title : GTSU Erection
Year : Nov 2010

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CIREBON 2 – COAL FIRED POWER PLANT 1000MW

EPC Trestle 2.7 KM and Jetty 15,000 DWT



Cirebon 2 – Coal Fired Power Plant 1000MW

EPC Trestle 2.7 KM and Jetty 15,000 DWT

- **Owner** : PT Cirebon Energi Prasarana
- **Main Contractor** : Hyundai Engineering & Construction, Co., Ltd.
- **Subcontractor** : PT Tekniko Indonesia
- **Project Name** : Cirebon 2, CFPP 1000 MW Power Plant
- **Project Duration** : 45 months
- **Work Items** : Jetty 15,000 DWT + Trestle 2.8 KM (EPC), SWI
- **Project Amount** : USD 48,300,000
- **Year** : 2018

Cirebon 2 – Coal Fired Power Plant 1000MW

EPC Trestle 2.7 KM and Jetty 15,000 DWT



Cirebon 2 – Coal Fired Power Plant 1000MW

EPC Trestle 2.7 KM and Jetty 15,000 DWT



Title : Transportation & Construction Jetty



Cirebon 2 – Coal Fired Power Plant 1000MW

EPC Trestle 2.7 KM and Jetty 15,000 DWT



Title : Girder Installation



Cirebon 2 – Coal Fired Power Plant 1000MW

EPC Trestle 2.7 KM and Jetty 15,000 DWT



Title : Girder Handling



Cirebon 2 – Coal Fired Power Plant 1000MW

EPC Trestle 2.7 KM and Jetty 15,000 DWT



Title : Trestle Concrete



Cirebon 2 – Coal Fired Power Plant 1000MW

EPC Trestle 2.7 KM and Jetty 15,000 DWT



Title : Intake Pouring Concrete w/ Hopper



Cirebon 2 – Coal Fired Power Plant 1000MW

EPC Trestle 2.7 KM and Jetty 15,000 DWT



Title : Grab Type Ship Unloader

Cirebon 2 – Coal Fired Power Plant 1000MW

EPC Trestle 2.7 KM and Jetty 15,000 DWT



Title : Trestle of Jetty



KRAKATAU STEEL – ISM GAS POWER PLANT 2X100MW - CILEGON

Sea Water Intake

KRAKATAU posco



Krakatau Steel – ISM Gas Power Plant 2X100MW - Cilegon

Sea Water Intake

- **Owner** : PT Krakatau Posco
- **Main Contractor** : PT Soehee Indonesia
- **Subcontractor** : PT Tekniko Indonesia
- **Project Name** : Krakatau Steel – ISM Gas Power Plant 2x100MW
- **Project Duration** : 15 months
- **Work Items** : Sea Water Intake
- **Project Amount** : IDR 48,800,000,000
- **Year** : 2012

Krakatau Steel – ISM Gas Power Plant 2X100MW - Cilegon

Sea Water Intake



Title : Sea Water Intake Pipe



Title : Sea Water Intake Pipe

Krakatau Steel – ISM Gas Power Plant 2X100MW - Cilegon

Sea Water Intake



Title : Sea Water Intake Pipe



Title : Sea Water Intake Pipe

Krakatau Steel – ISM Gas Power Plant 2X100MW - Cilegon

Sea Water Intake



Title : Sea Water Intake Pipe



Title : Sea Water Intake Pipe

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LINE (Lotte Indonesia New Ethylene) - CILEGON

Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr



KINE
PROJECT JO



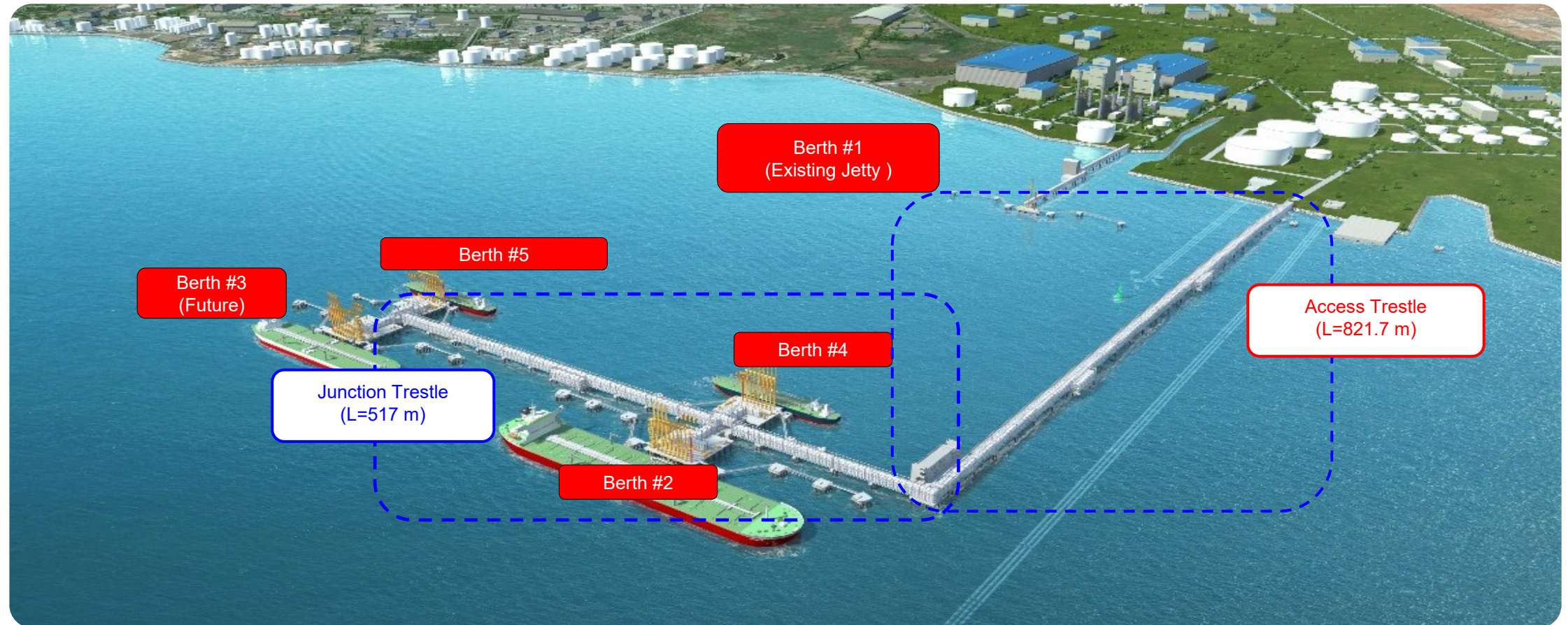
LINE (Lotte Indonesia New Ethylene) - CILEGON

Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

- **Owner** : PT Lotte Chemical Indonesia
- **Main Contractor** : KINE Project JO
- **Subcontractor** : PT Tekniko Indonesia
- **Project Name** : Steel Structure, Mechanical, Piping for Jetty WP7
- **Scope of Work** : Steel Structure = 2,950 ton. Piping = 86,000 DI. Mechanical 1,200 ton
Painting for Steel Structure and Piping = 80,000 m2. Commissioning
- **Project Duration** : 23 months
- **Work Items** : Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr
- **Project Amount** : IDR 358,000,000,000
- **Year** : 2022

LINE (Lotte Indonesia New Ethylene) - CILEGON

Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr



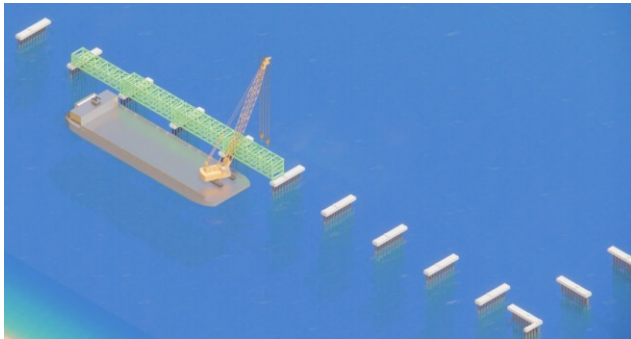
LINE (Lotte Indonesia New Ethylene) - CILEGON

Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

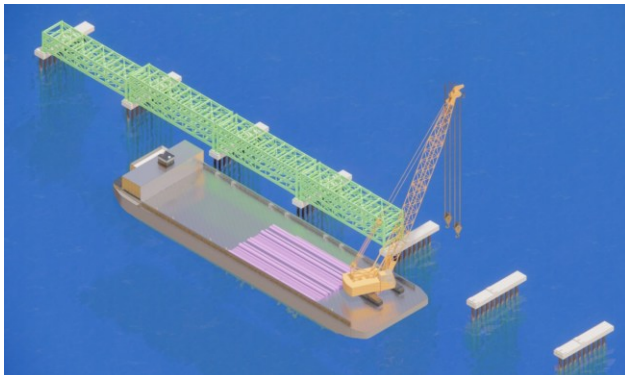
Method of Erection

Junction Trestle Area

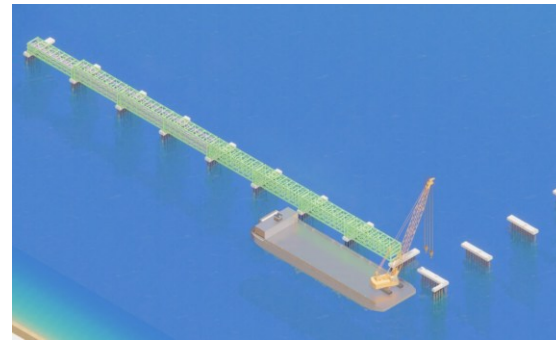
1. Install Module



2. Install Pipe with Guide Roller



3. Continue Install Module



4. Continue Install Pipe



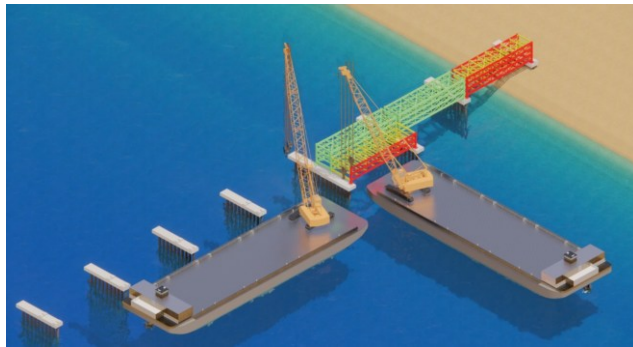
LINE (Lotte Indonesia New Ethylene) - CILEGON

Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

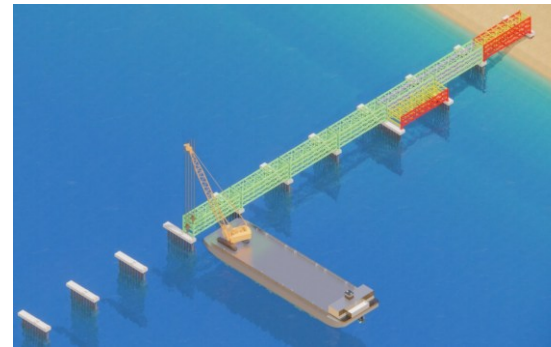
Method of Erection

Access Trestle Area

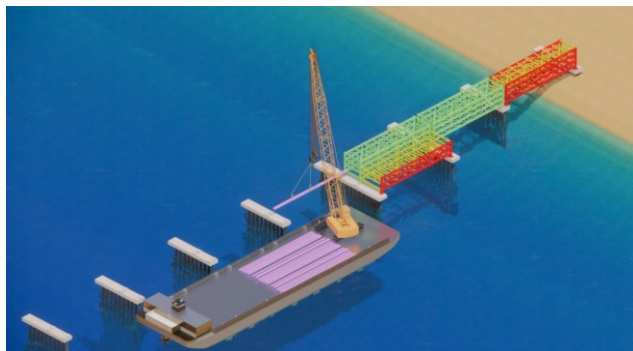
■ 5. Install Stick Built, Module & Loop



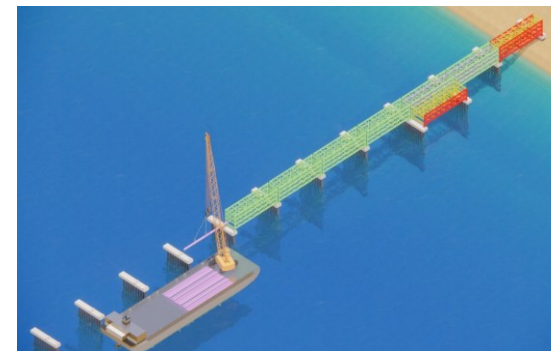
■ 7. Continue Install Module



■ 6. Install Pipe with Guide Roller



■ 8. Continue Install Pipe



LINE (Lotte Indonesia New Ethylene) - CILEGON

Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

Project Photograph

Fabrication



LINE (Lotte Indonesia New Ethylene) - CILEGON

Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

Project Photograph

Fabrication



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Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

Project Photograph

Assembly



LINE (Lotte Indonesia New Ethylene) - CILEGON

Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

Project Photograph

Assembly



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Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

Project Photograph

Handling & Transport



LINE (Lotte Indonesia New Ethylene) - CILEGON

Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

Project Photograph

Handling & Transport



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Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

Project Photograph

Site Erection



LINE (Lotte Indonesia New Ethylene) - CILEGON

Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

Project Photograph

Site Erection



LINE (Lotte Indonesia New Ethylene) - CILEGON

Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

Project Photograph

Site Erection



LINE (Lotte Indonesia New Ethylene) - CILEGON

Steel Structure Mechanical Piping for Jetty WP7, Trestle 850mtr and Wharf 600mtr

Project Photograph

Site Erection





PT TEKNIKO INDONESIA

THANK YOU

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we construct your wealthy future

