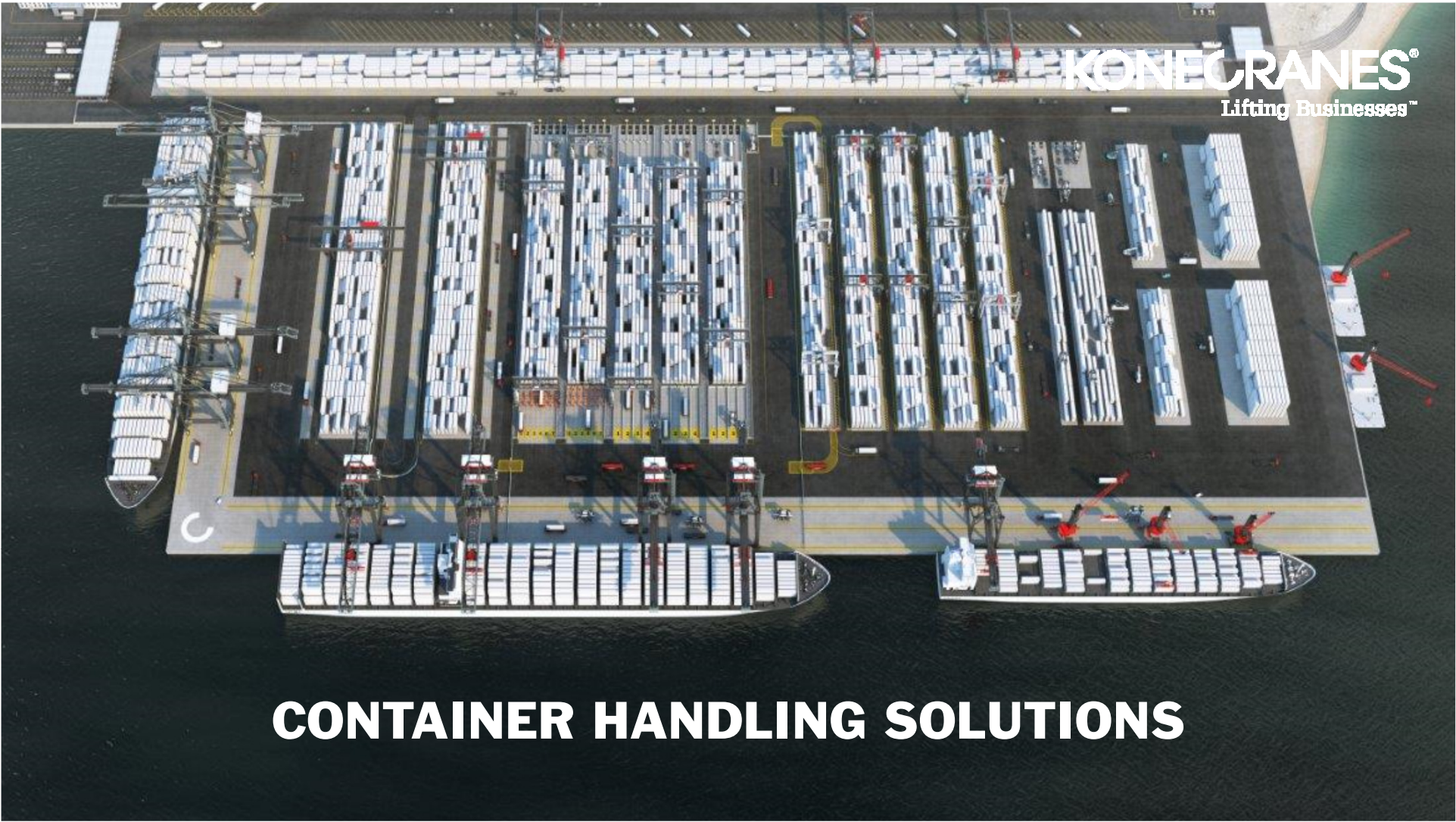


LIFTING PRODUCTIVITY IN
CONTAINER TERMINALS
WHILE IMPROVING SUSTAINABILITY

**ANTOINE BOSQUET, Sales Director,
PORTS SOLUTIONS, EMEA
18th Intermodal Africa 2017 Exhibition and Conference
Abidjan, 23.11.17**

An aerial photograph of a busy port area. Several large container ships are docked at a quay. The ships are filled with stacks of white and blue shipping containers. On the land side, there are numerous stacks of containers organized in rows. Several red container cranes are visible, positioned along the quay and between the container stacks. The water is dark, and the sky is not visible. The overall scene depicts a large-scale logistics and shipping operation.

KONECRANES®
Lifting Businesses™

CONTAINER HANDLING SOLUTIONS

OUR FLEET

CLOSE TO
2000
MHC

CLOSE TO
2400
RTG

OVER
350
ASC

OVER
250
RMG

OVER
10000
LT

OVER
540
STS

CLOSE TO
3000
SC

OVER
650
AGV

OVER
120
SPC

PORT SOLUTIONS

PRODUCT



Konecranes
Fork Lift Truck
(FLT)

Konecranes Liftace
Fork Lift Truck
(FLT)

Konecranes
Container Handler
(LCH)

Konecranes
Empty Container
Handler
(ECH)

Konecranes Liftace
Empty Container
Handler
(ECH)

Konecranes
Reach Stacker
(RS)

Konecranes Liftace
Reach Stacker
(RS)

Konecranes
Terminal tractor
(TT)

Port Service

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KONECRANES®

PORTFOLIO



Port Service



Konecranes Gottwald
Automated Guided
Vehicle
(AGV)



Konecranes Noell
Sprinter Carrier
(SPC)



Konecranes Noell
Straddle Carrier
Automated Straddle
(A-STRAD)



Konecranes
BOXHUNTER RTG
(RTG)



Konecranes Noell
Rubber Tired Gantry
(RTG)

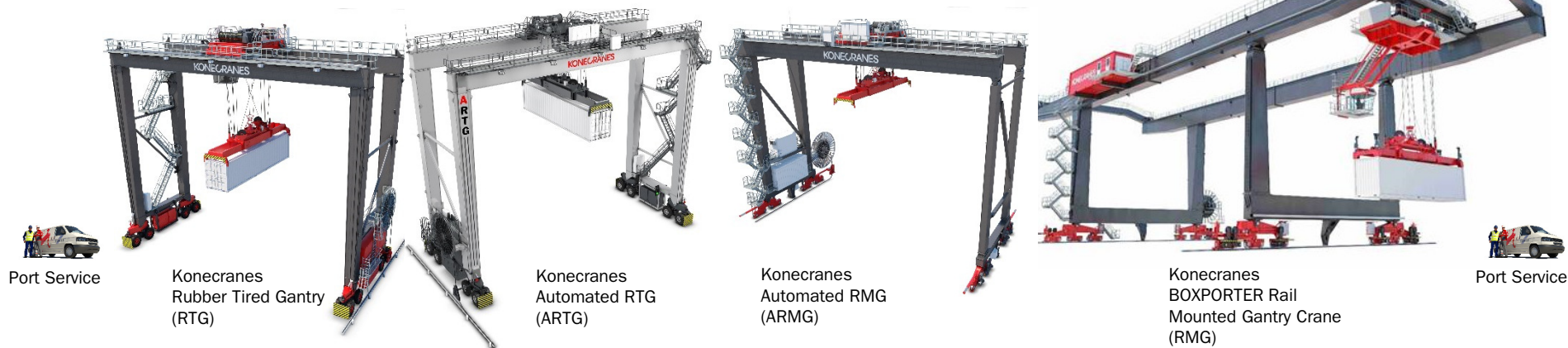


Port Service

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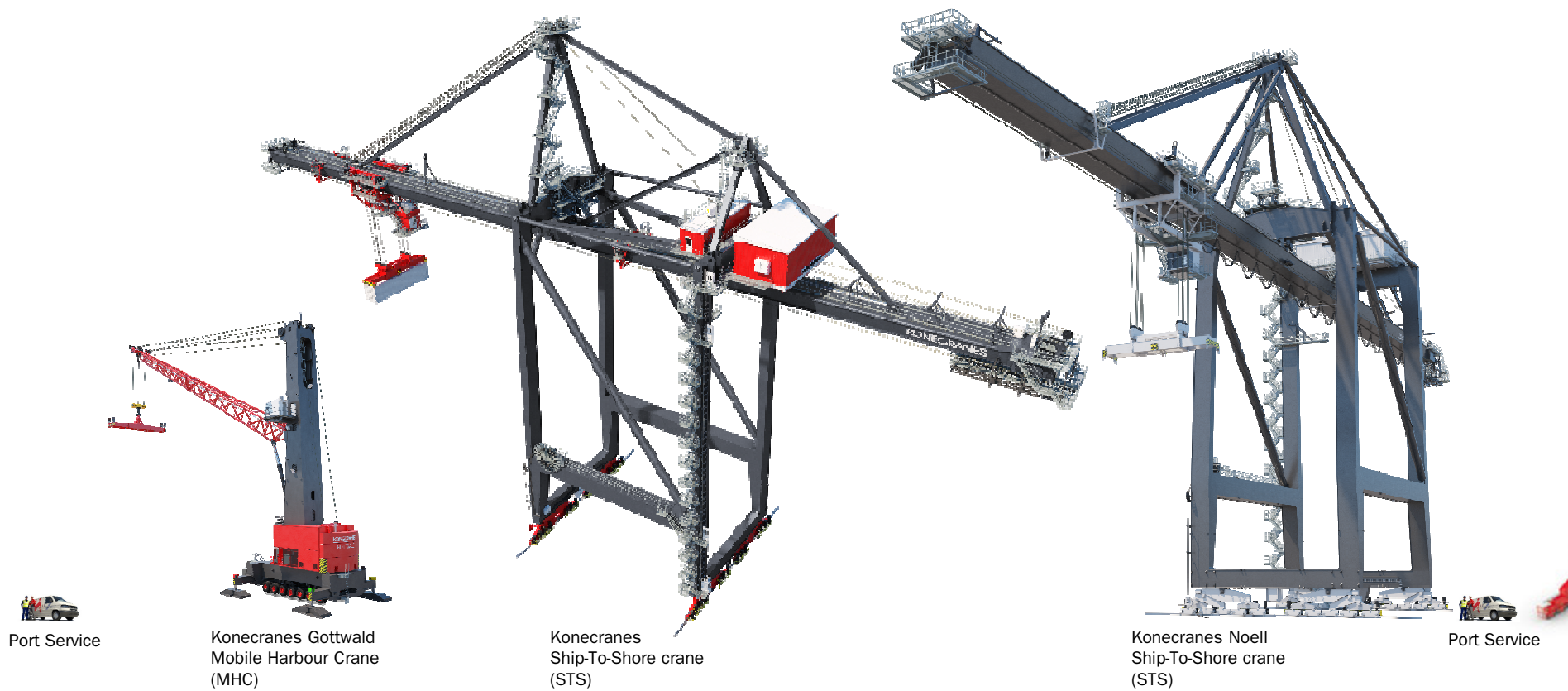
KONECRANES®

LIO



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KONECRANES



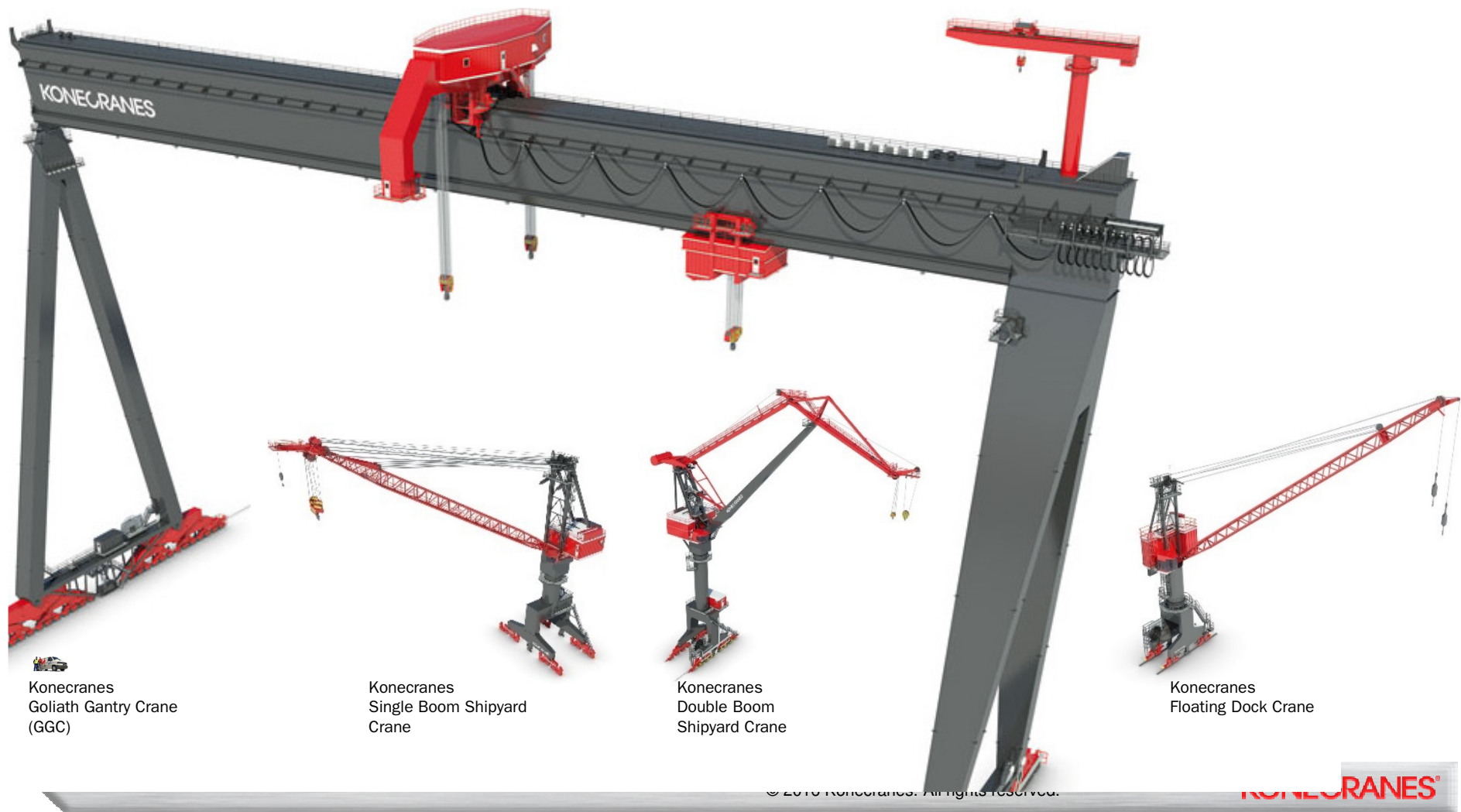
Port Service

Konecranes Gottwald
Mobile Harbour Crane
(MHC)

Konecranes
Ship-To-Shore crane
(STS)

Konecranes Noell
Ship-To-Shore crane
(STS)

Port Service




Konecranes
Goliath Gantry Crane
(GGC)

Konecranes
Single Boom Shipyard
Crane

Konecranes
Double Boom
Shipyard Crane

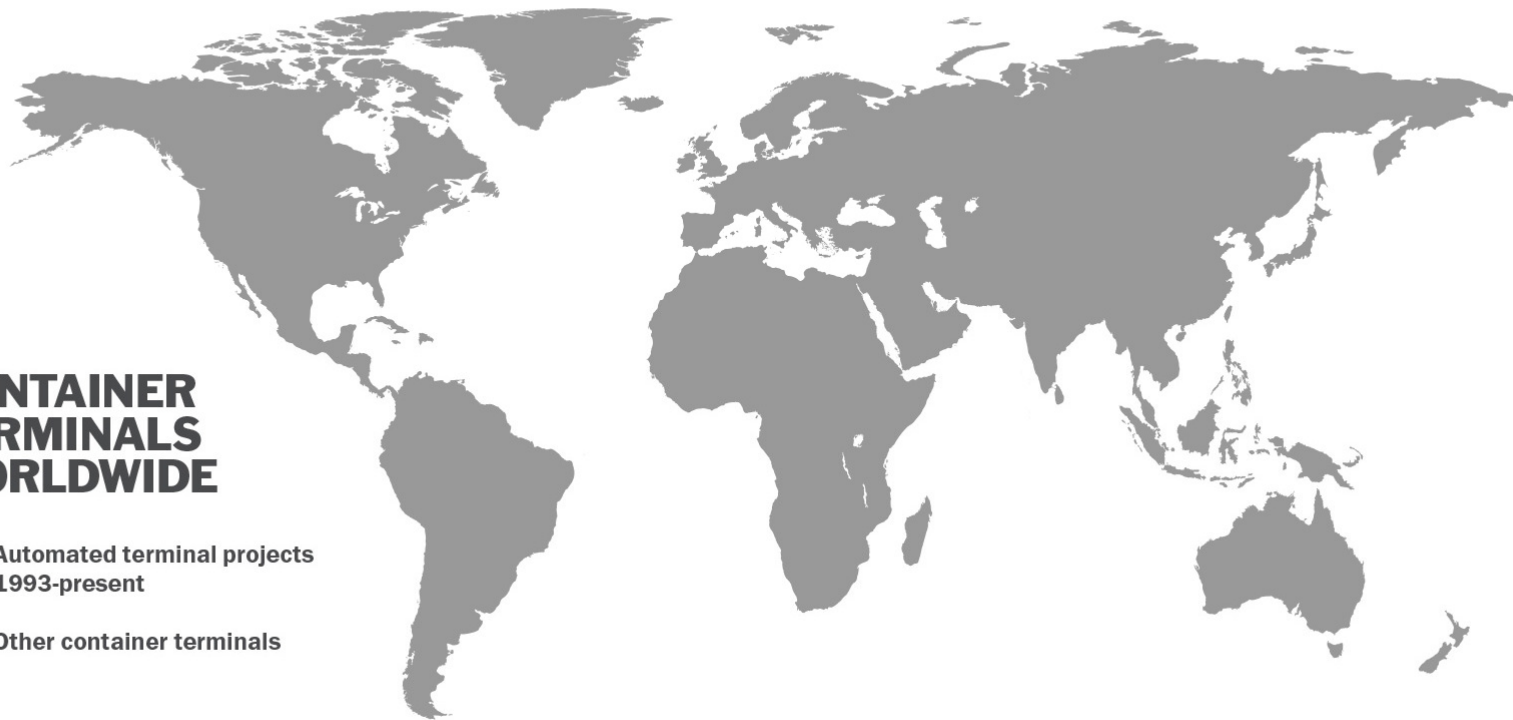
Konecranes
Floating Dock Crane

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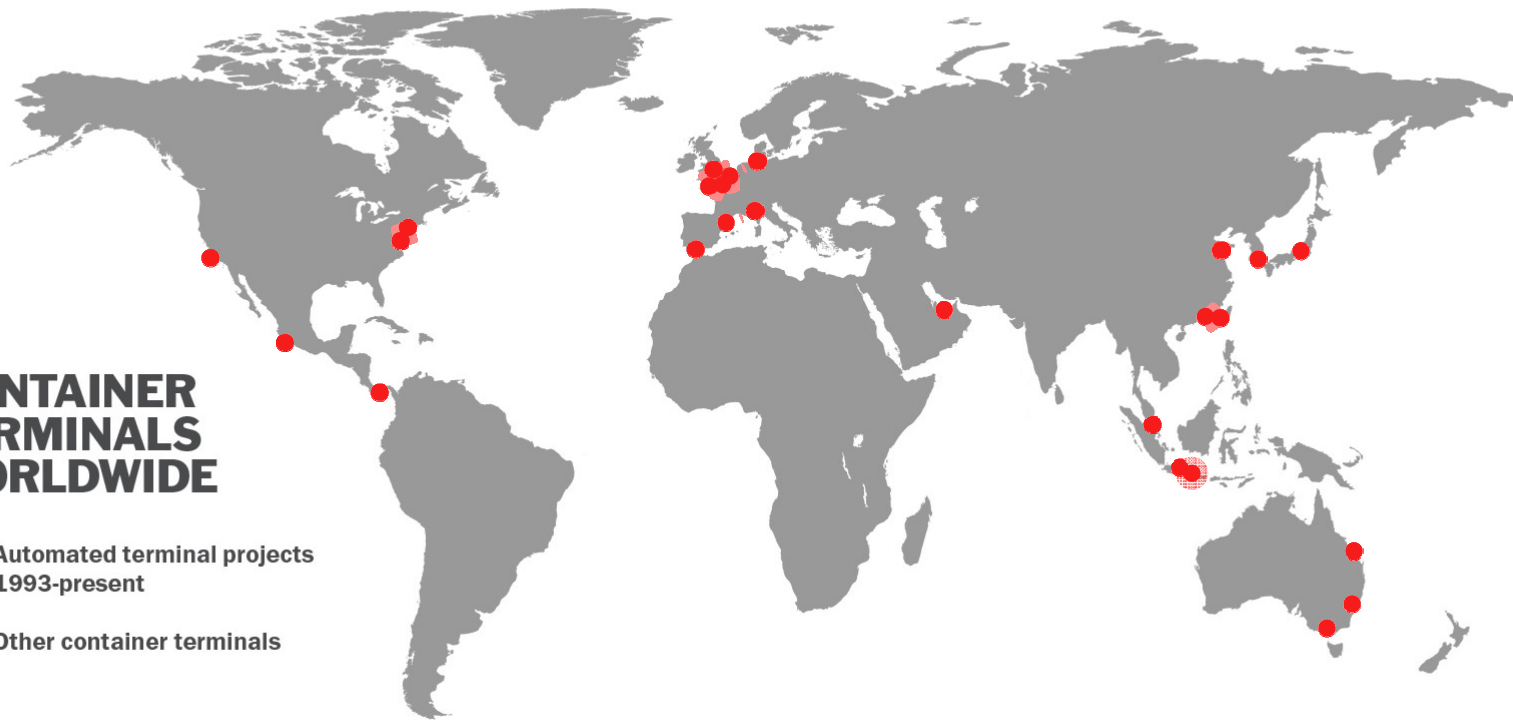
CONTAINER TERMINALS WORLDWIDE

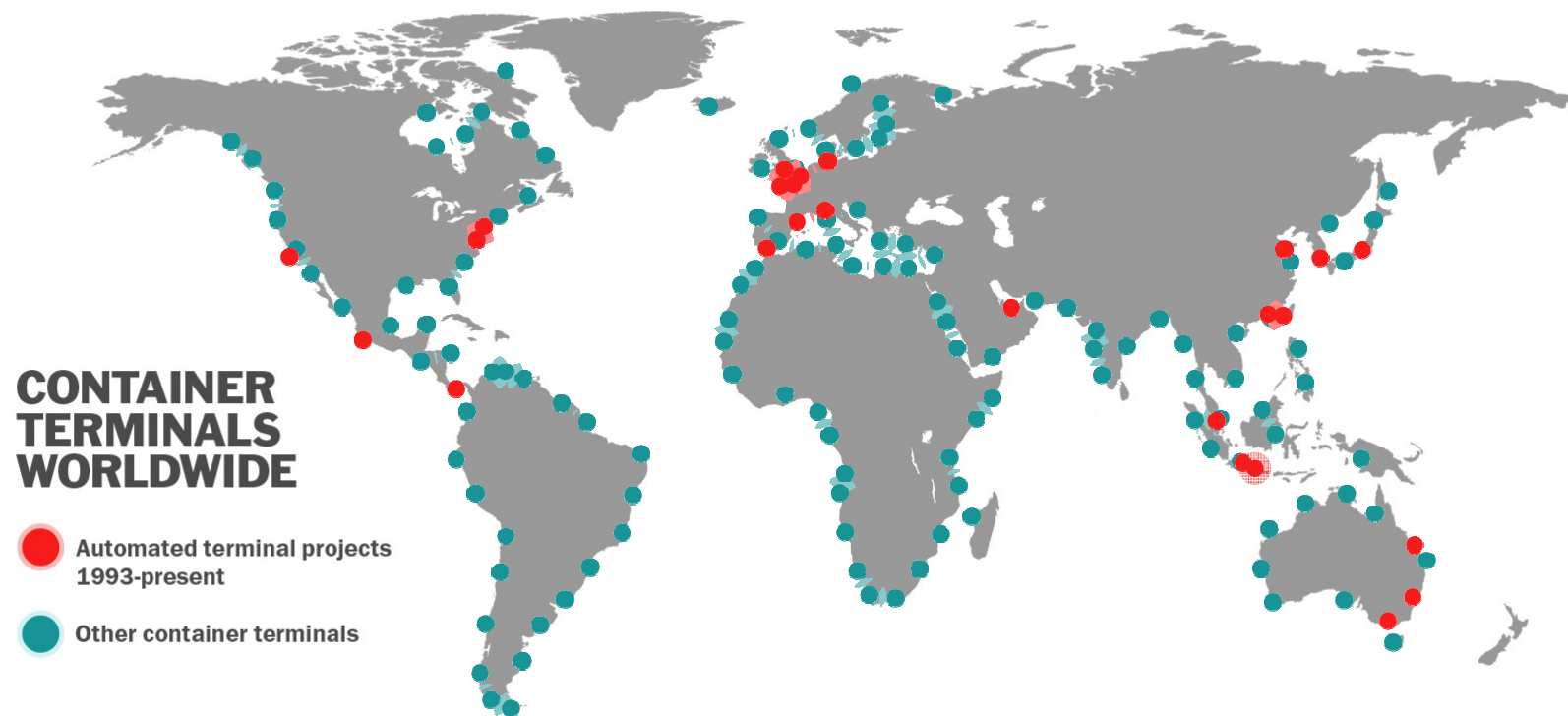
-  Automated terminal projects
1993-present
-  Other container terminals



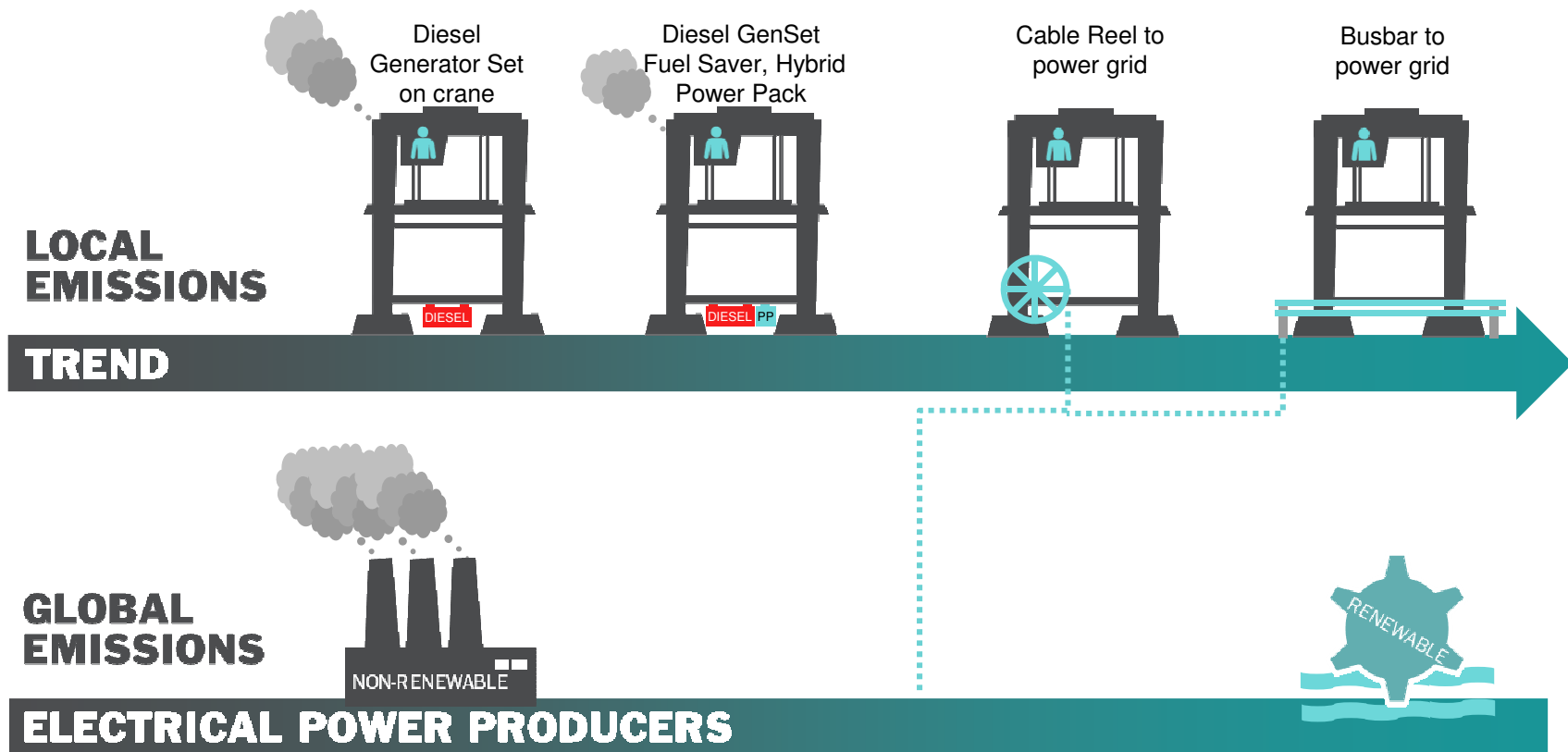
CONTAINER TERMINALS WORLDWIDE

-  Automated terminal projects
1993-present
-  Other container terminals

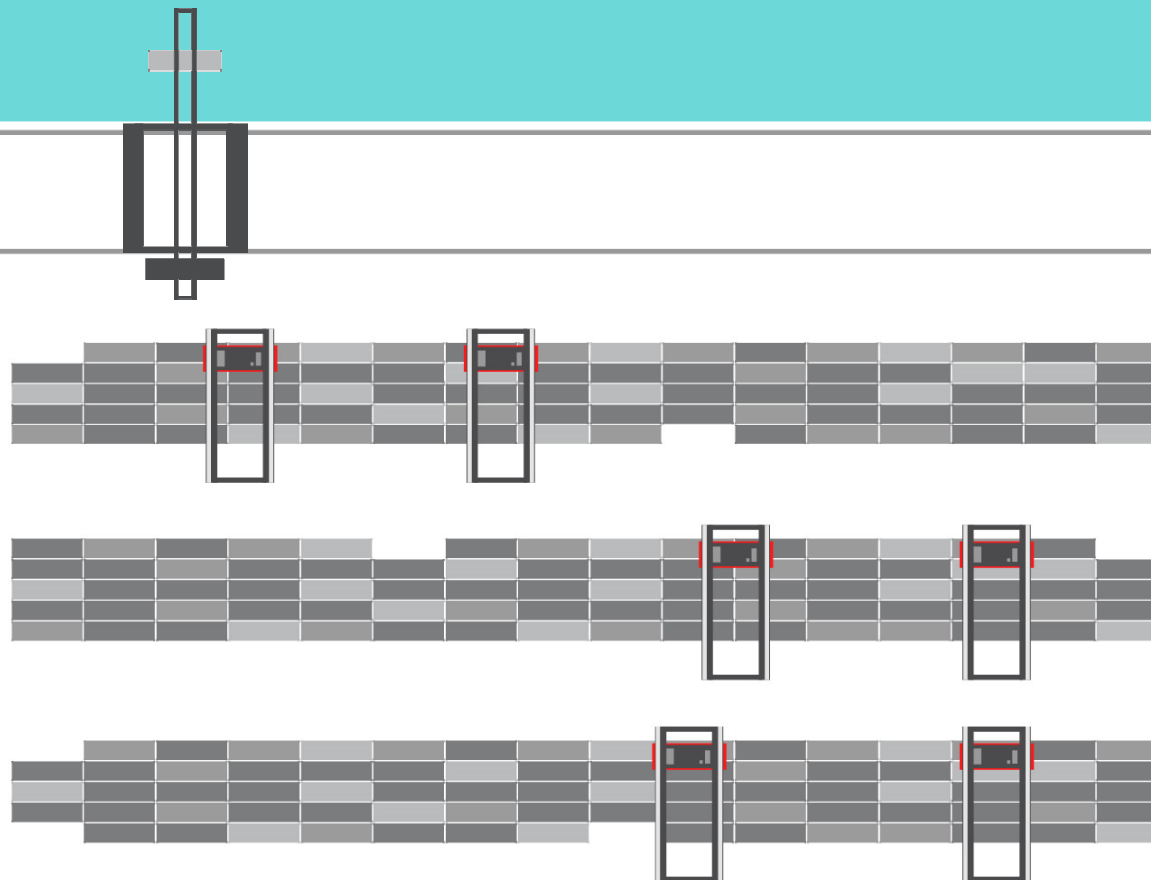


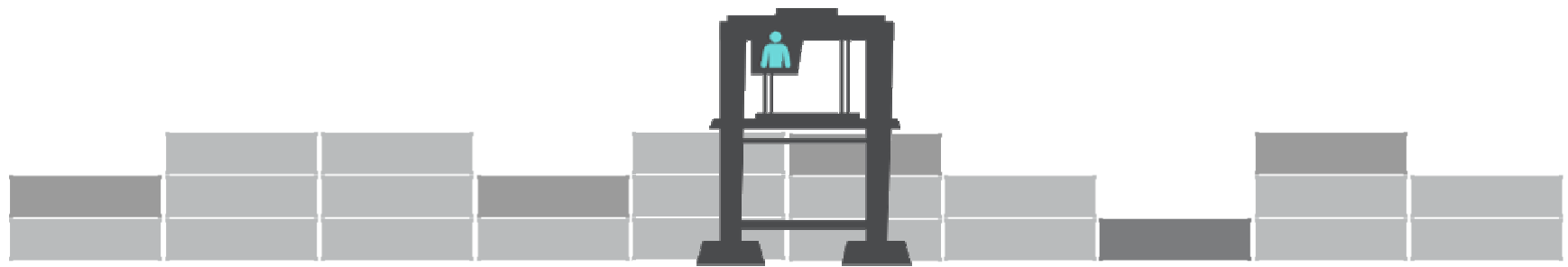


SUSTAINABILITY



TYPICAL CONTAINER TERMINAL





25%

IDLING

15%

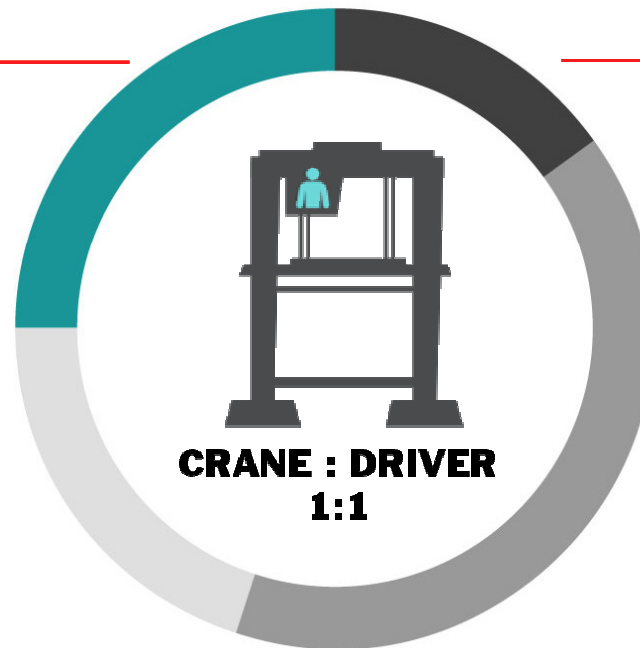
GANTRYING

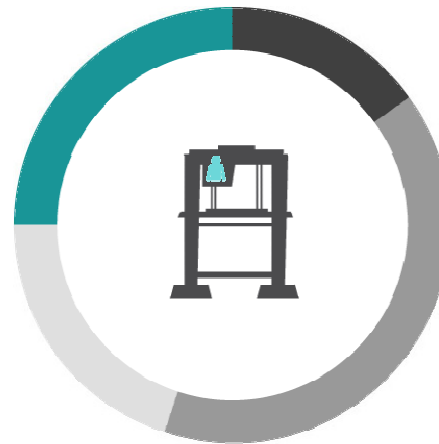
20%

TRUCK HANDLING

40%

STACKING





25%
IDLING

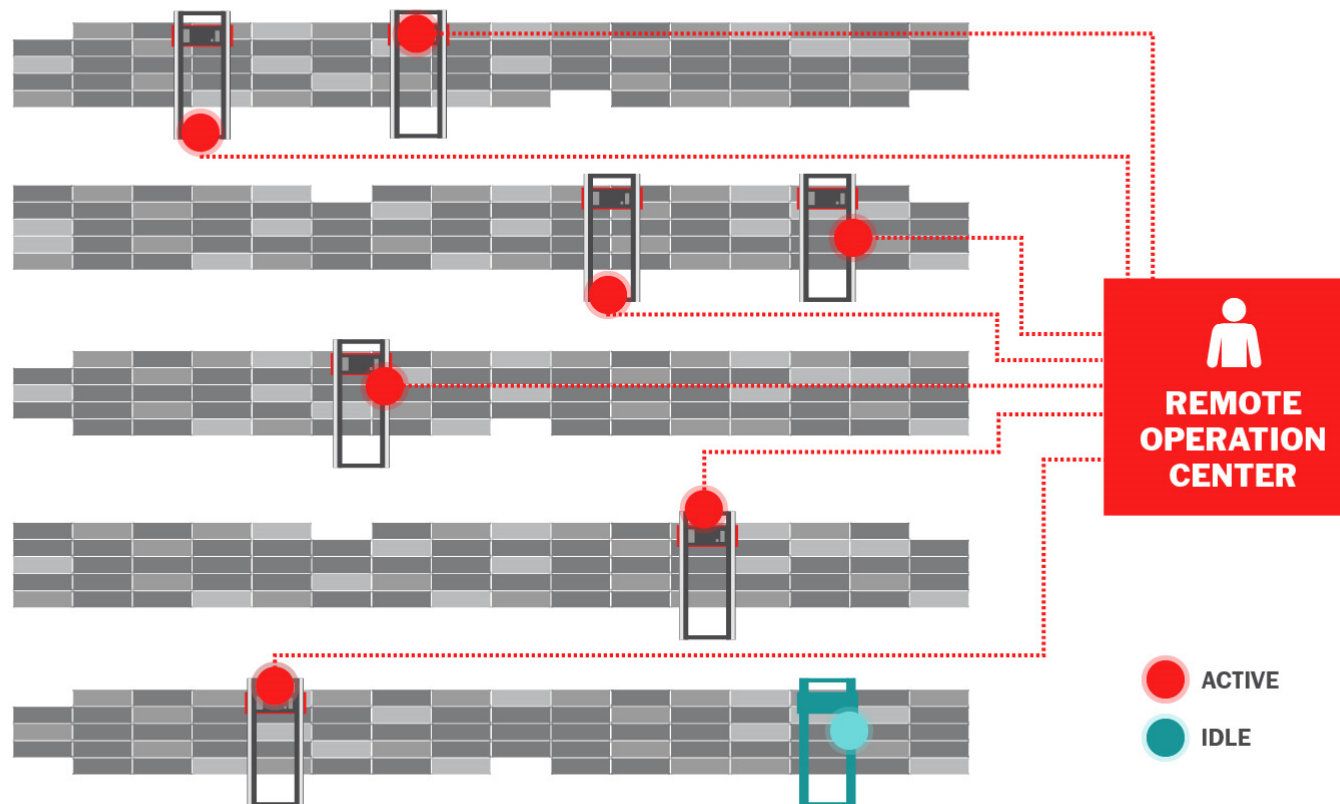


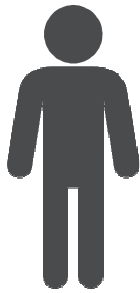






**DE-COUPLED
REMOTE
OPERATIONS**





NORMAL DAY

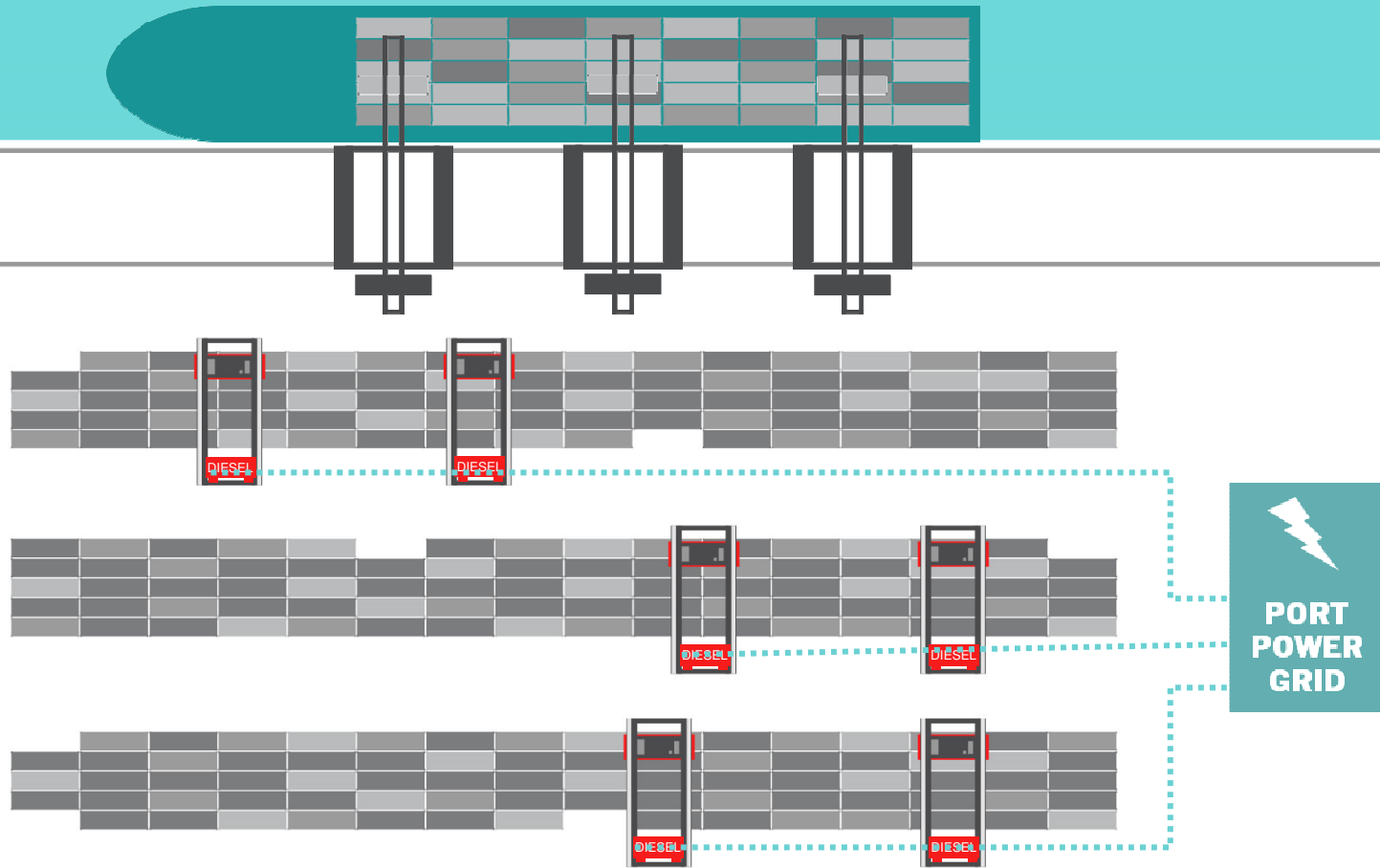
APPLICATIONS

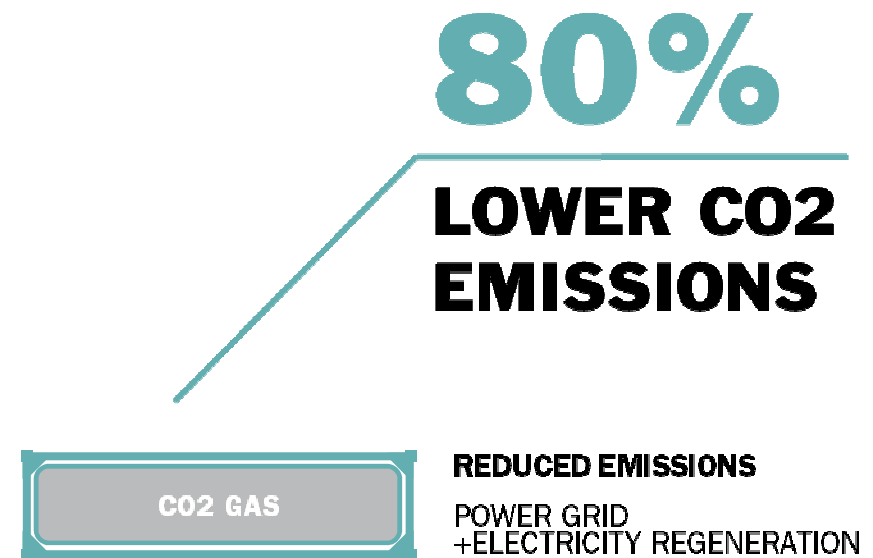
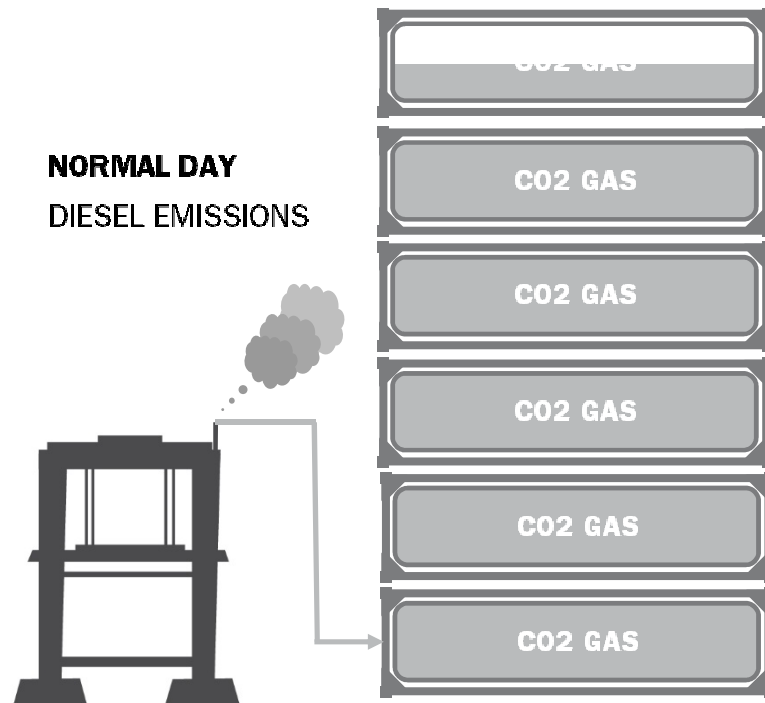
KONECRANES®
Lifting Businesses™



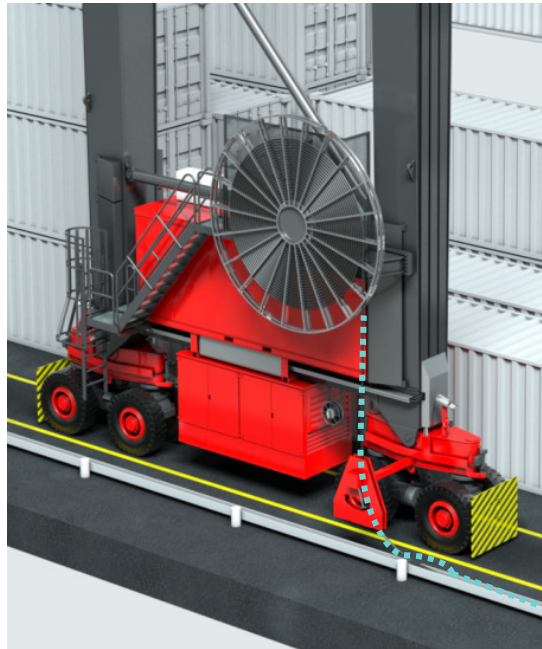
SUSTAINABILITY

**FROM
DIESEL
TO
POWER
GRID**

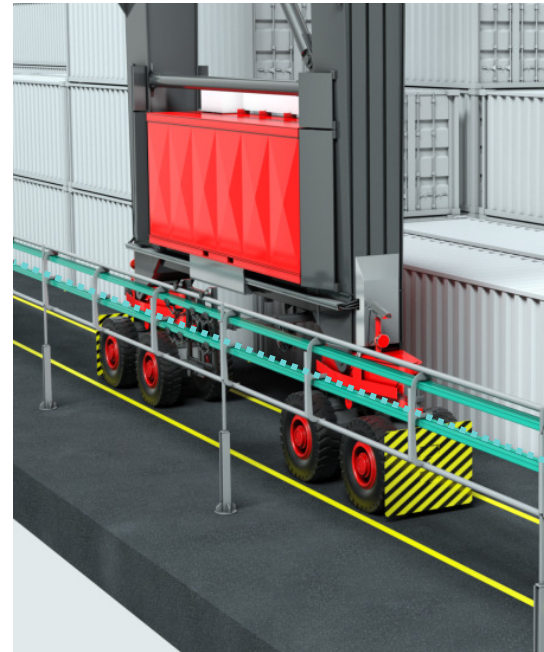




APPLICATIONS



KONECRANES®
Lifting Businesses™



CONCLUSIONS

REMOTE OPERATIONS

GRID POWERED CRANES

LIFTING PRODUCTIVITY, SUSTAINABLY



**NOT JUST LIFTING
THINGS, BUT ENTIRE
BUSINESSES**