



Efficient Cargo Handling



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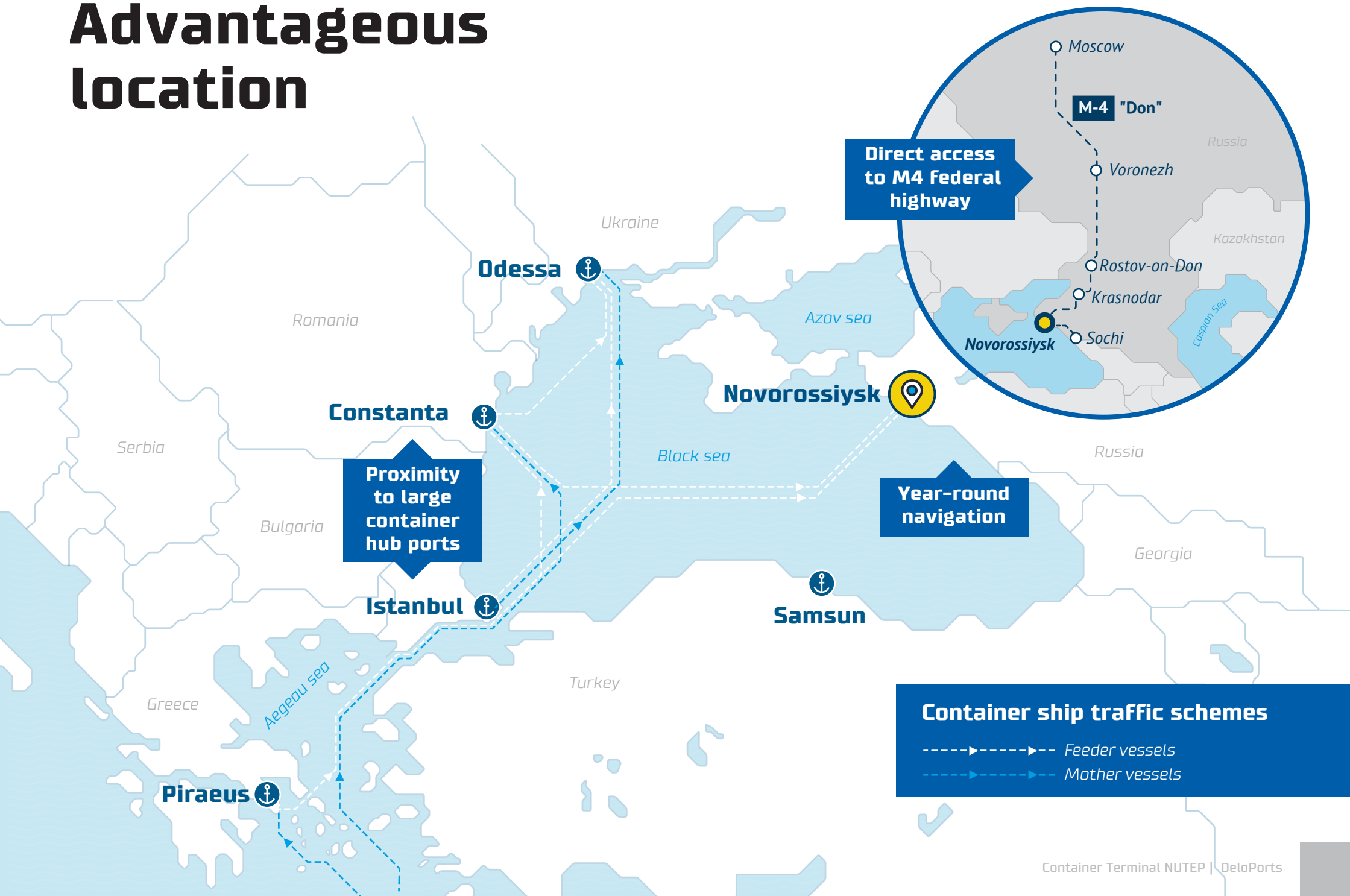
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01 | NUTEP today

NUTEP, a subsidiary of DeloPorts, is a modern container terminal which handles container, general and Ro-Ro cargo in the Port of Novorossiysk

Advantageous location



Developed infrastructure

NUTEP territory

Pass-through traffic

Own 6-track railway front

Electronic terminal management system

Electronic positioning of containers

Ability to serve Panamax vessels

Modern equipment

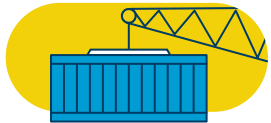
29.5 ha
total area

4 berths and protections

Specialized services

We understand the needs of our clients and offer services customized

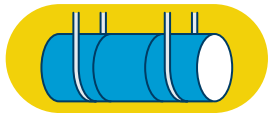
Loading and unloading



Containers

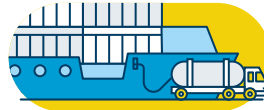


Ro-Ro cargo



General cargo

Cargo handling and storage



Vessels' equipment and maintenance during berthing



Container stuffing and stripping



Dangerous goods handling



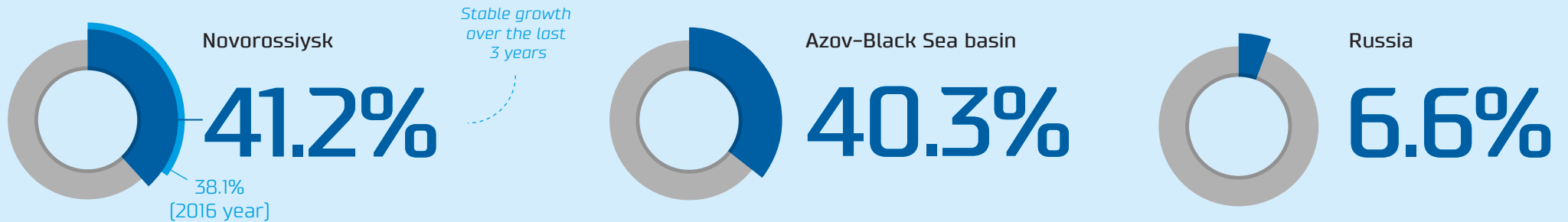
Reception and dispatch of container block trains

303,633 TEU
throughput
in 2017

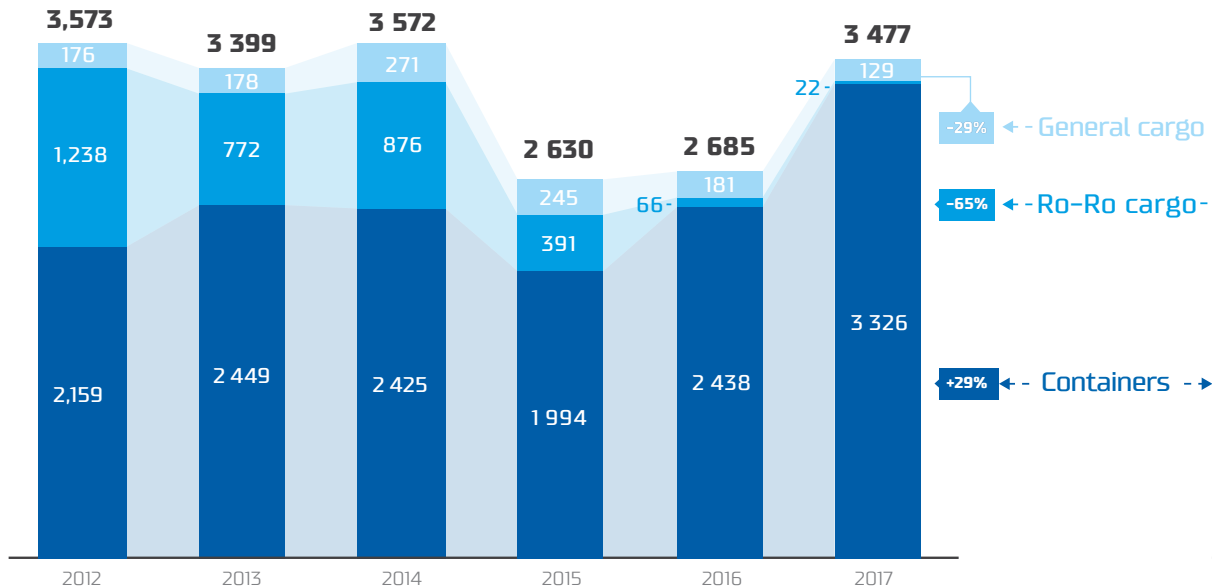
350,000 TEU
throughput capacity
of the terminal

Stable market share

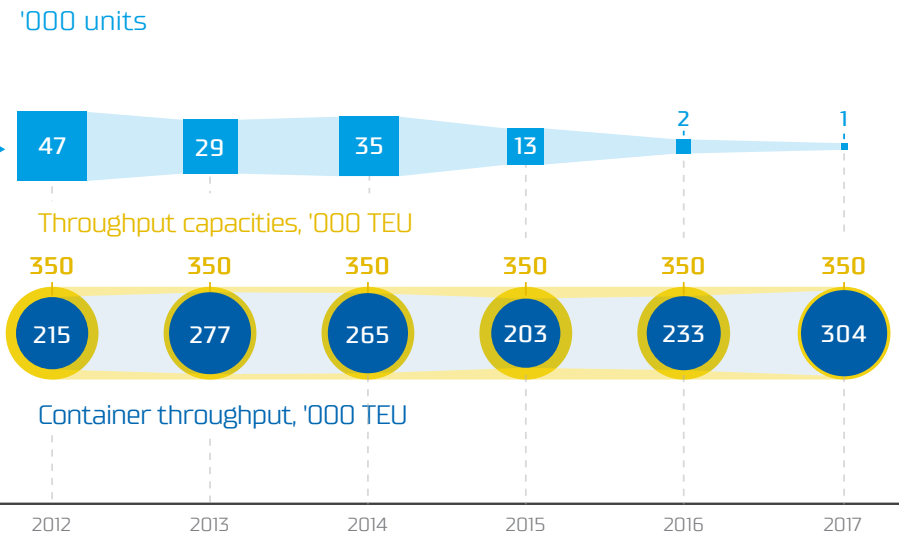
NUTEP market share in 2017



Cargo turnover, '000 tonnes



Throughput volumes '000 units





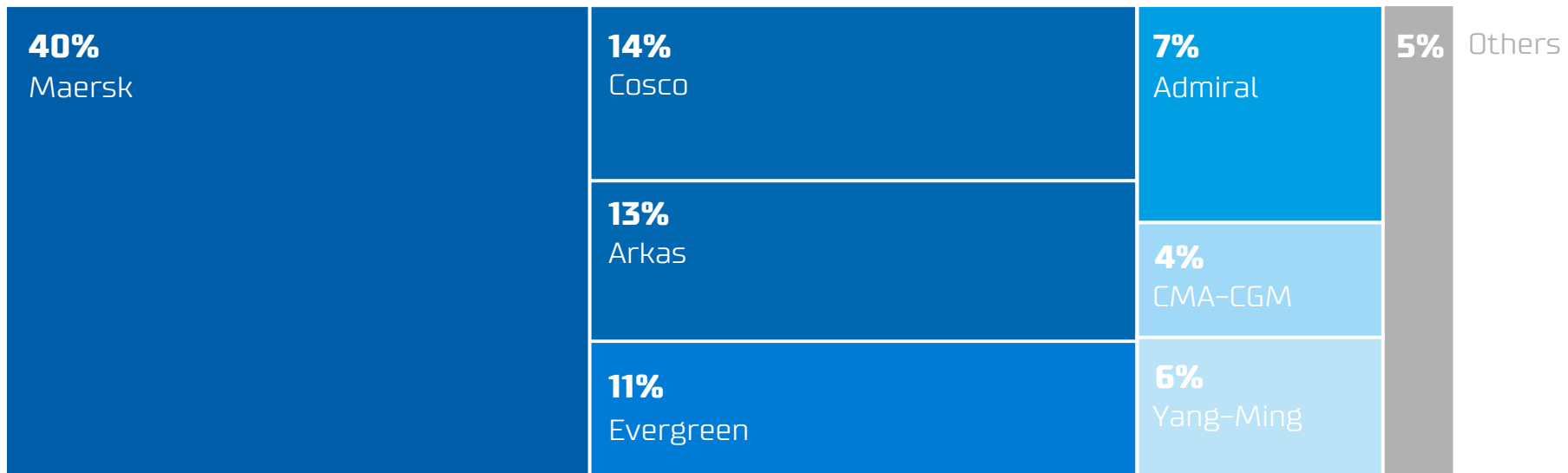
02 | High level of customer service

Best in class handling services offered by NUTEP result from efficient operations at the terminal

Our clients are the world's largest container lines

DeloPorts assets meet the current and potential customers' demands. Effective logistic solutions work towards increasing productivity and reducing clients' costs. The Company has a well established reputation due to investments in NUTEP development.

Customer base in 2017



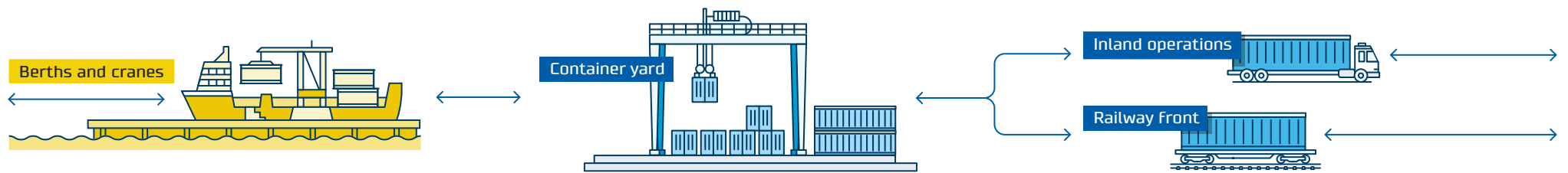
EVERGREEN



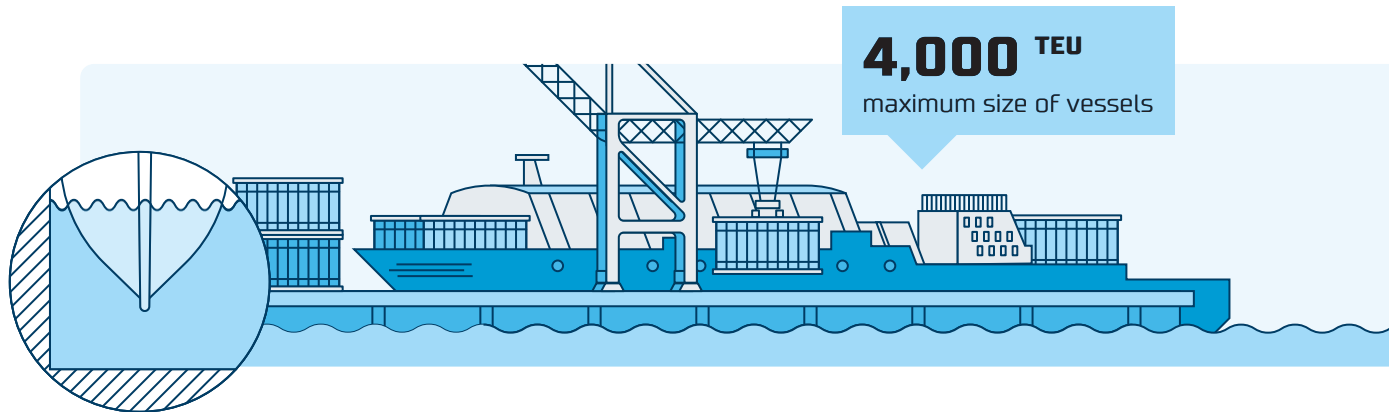
YANG MING



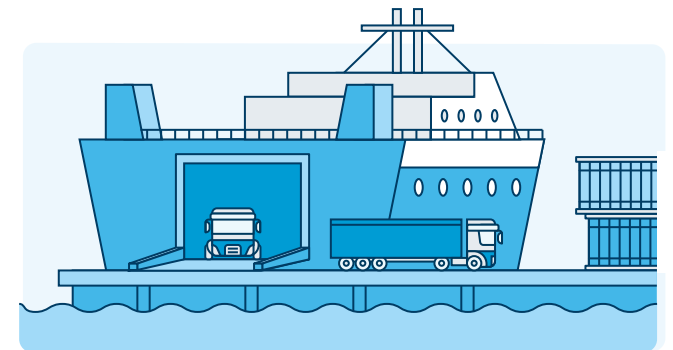
Loading and unloading operations



Waterfront



Ro-Ro complex



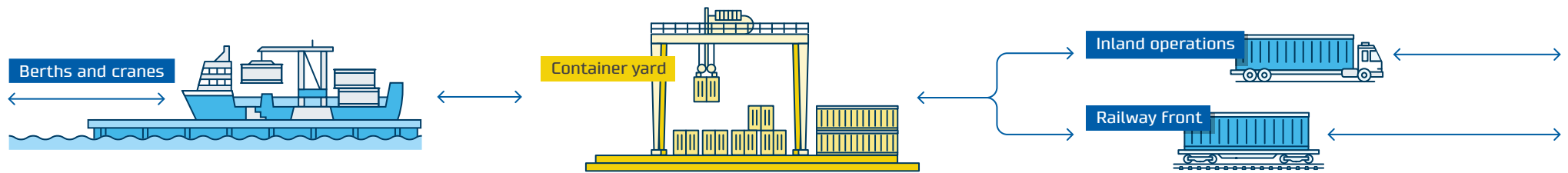
	Berth # 39	Berth protection	39a	39b
Length, m	282	183	210	86
Depth, m	12.3	12.3	9.6	9.3

875 m
total length
of the waterfront

20.1 movements per hour
STS crane
productivity

1.5 mln t per year
Ro-Ro complex
capacity

Cargo handling and storage



12,500 TEU
storage capacity

1,400 units
number of reefer plugs

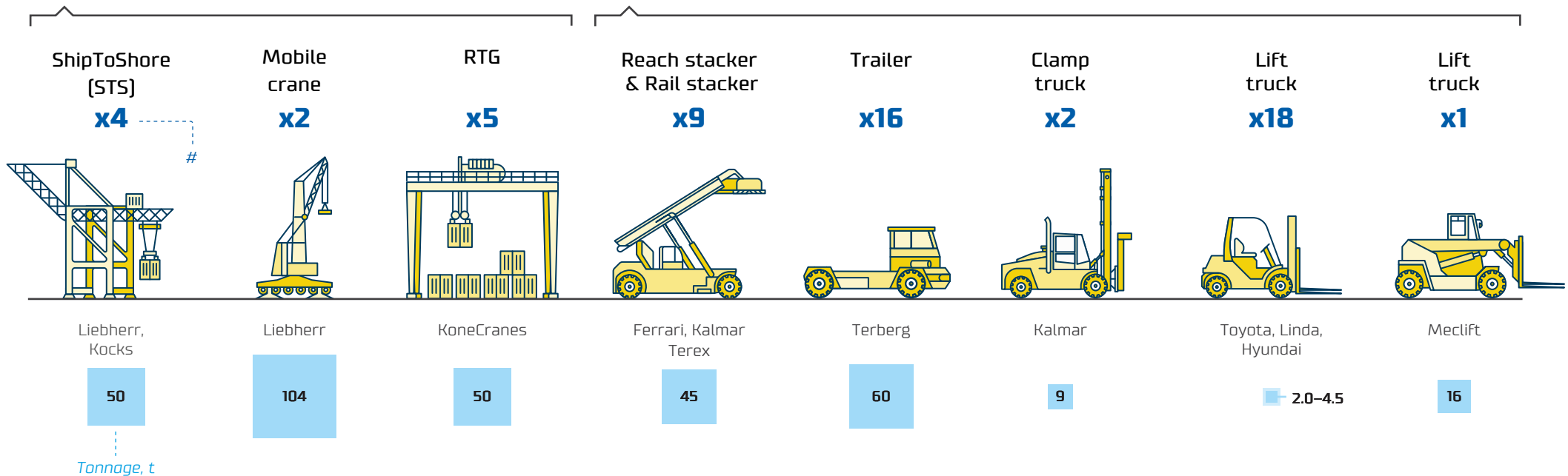
8 days
average storage period

Section 1

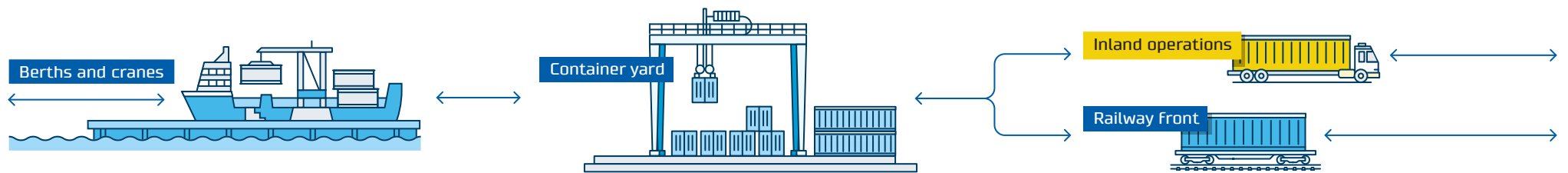
Cranes

Section 2

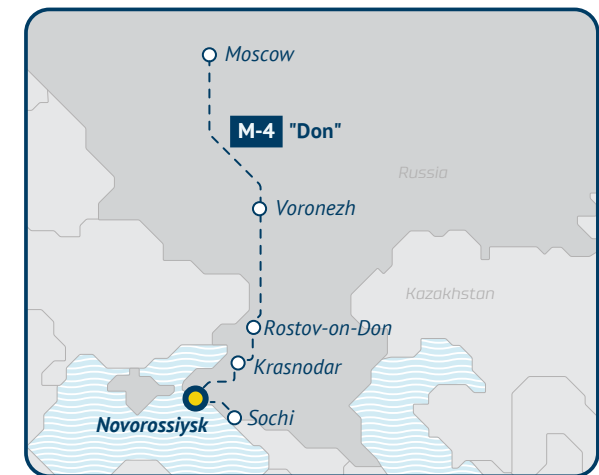
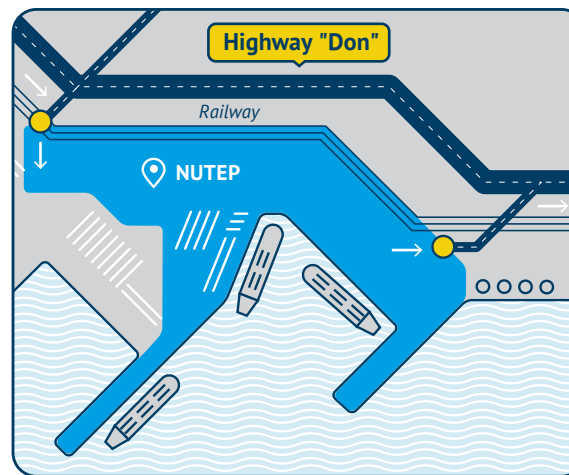
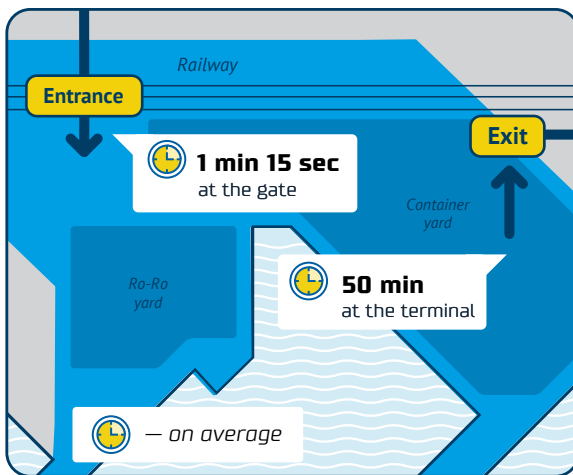
Port equipment



Inland operations



Intake from road



Logistics optimization

Pass-through one way traffic: exit and entrance for trucks are separated. Ability to load and unload a container in one run

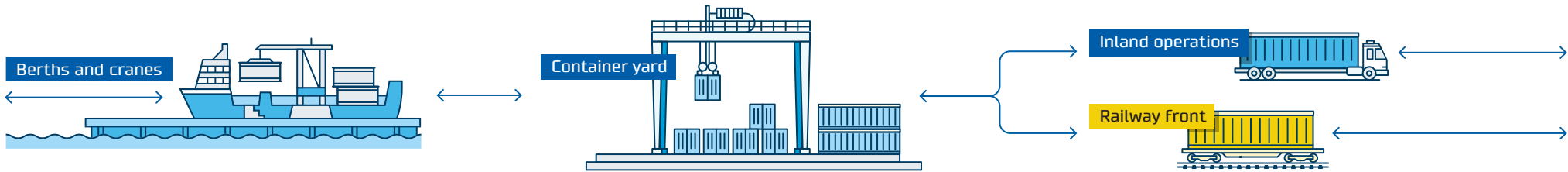
Gated traffic

Web based booking system prevents from traffic jams

Advantageous location

Direct access to M4 Federal highway

Inland operations

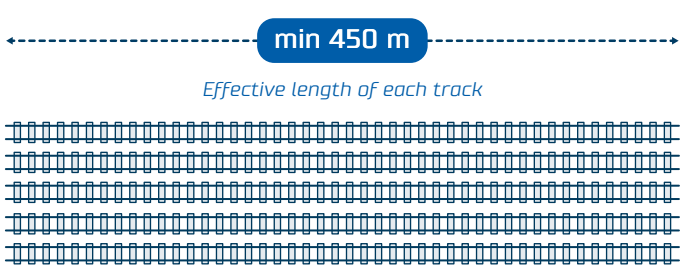


Reception and dispatch by railway

2 block trains **x** **850** m (57 cars)
NUTEP railway front capacity

4,346 m total effective length

Cargo is handled by a **rail-stacker** which transports containers to the second line of the front



6 tracks own rail track with 2 branches
Control on the state of the tracks

2 tracks for cargo handling additional



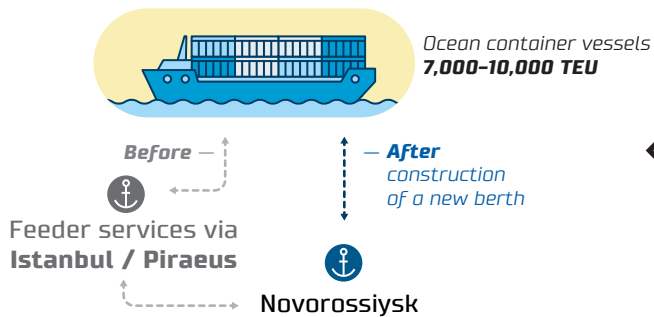
03 | Active growth and modernization

Investments in infrastructure and equipment are key factors of the terminal's development

Stage 1: construction of a deepwater berth 38

The only berth in Novorossiysk capable to serve ocean container vessels. Completion of the project is scheduled for 1Q 2019.

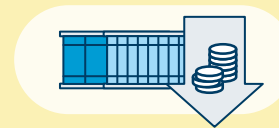
Change of the supply chain



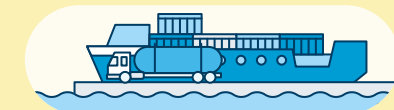
Expected results



Increase of delivery speed by **4-12 days** for cargo headed for Russia

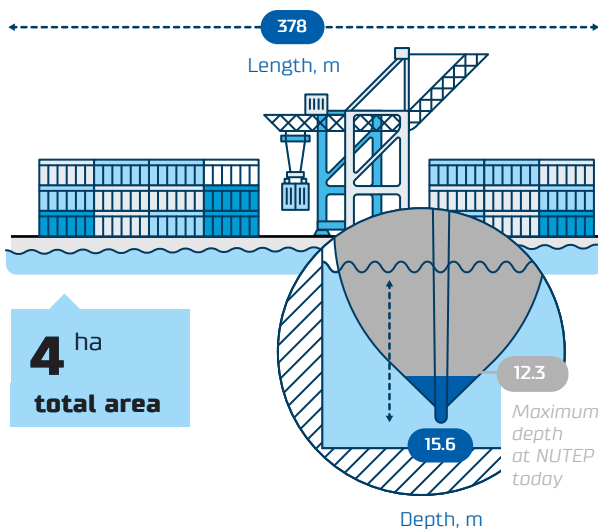


Container line costs of delivery are expected to decrease by **\$ 300-500 per unit**



Ability to bunker with **relatively cheaper bunker fuel**

Technical specifications of the new berth

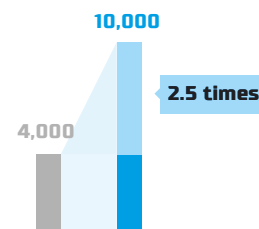


Additional throughput capacities for NUTEP

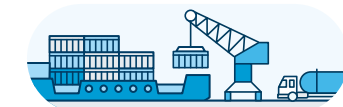
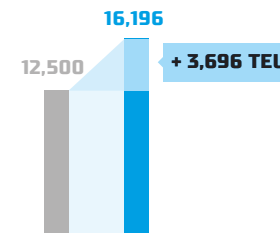
■ — today ■ — after construction



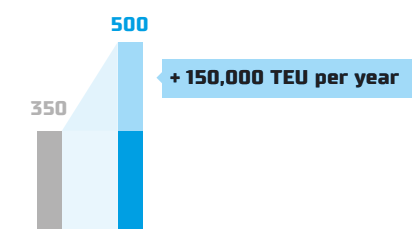
Maximum size of the vessel, TEU



Additional storage area, TEU



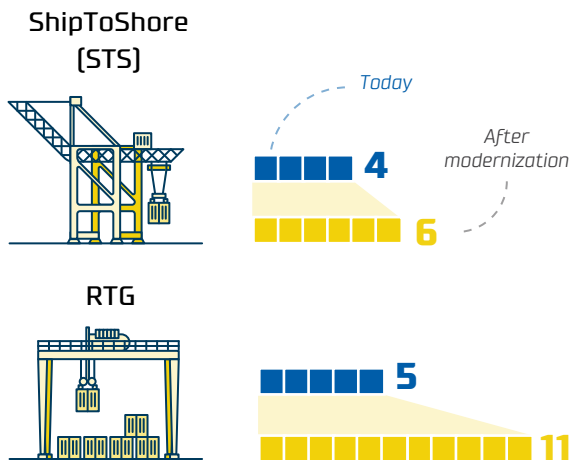
Total throughput capacity, '000 TEU per year



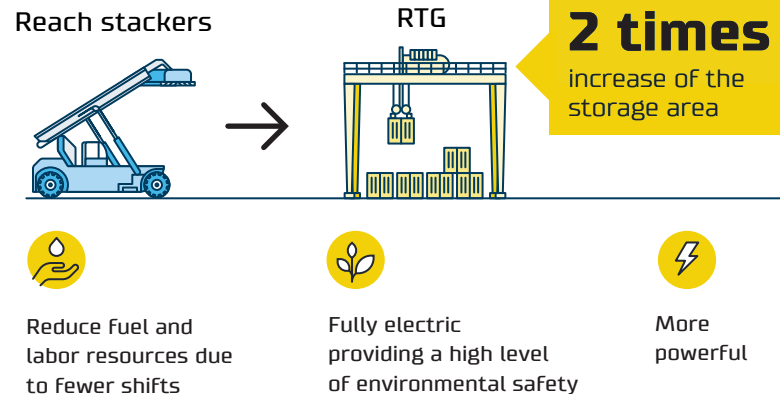
Stage 2: modernization of the infrastructure

With the growth of turnover and the increasing need for increased yard capacity, more effective technologies and improved infrastructure should be implemented.

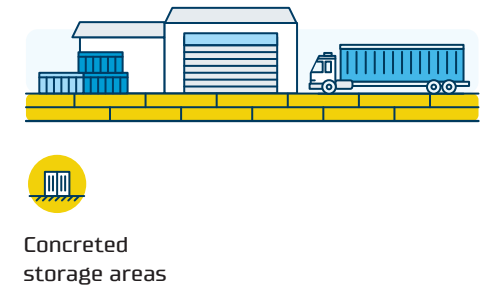
Additional equipment, units



Transition to RTG technology



Yard improvements



Introduction of the new berth and further NUTEP modernization will increase its capacities:

From 12,500 TEU
to **21,000 TEU**
increase storage capacities

From 350,000 TEU
700,000 TEU
increase the terminal's throughput capacity

Contacts

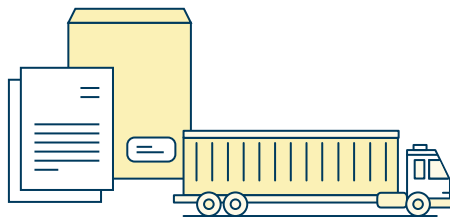


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