Luka Koper - Port of Koper

European projects and development ambitions

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About the company Luka Koper, d.d.

- established in 1957 / **60th Anniversary**
- public limited company listed on the Ljubljana stock exchange
- **Concession** granted for the management of the port area until 2043
- invests in infrastructure and superstructure in the port area
- **National spatial plan** for the development of the port adopted in 2011
- terminal operator of all **12 specialized terminals** in the Port of Koper
- total maritime throughput in 2015: 20,7 mio tons; **2016: 22 mio tons**
- container throughput in 2015: 790 thousands TEU; **2016: 845 thousands TEU / 1st in Adriatic**
- cars throughput in 2015: 607 thousands cars; **2016: 750 thousands cars / 2nd in MED**
- 1,000 employees in the Luka Koper Group,
- **significant effect on the regional and national economy.**
Evolution through decades

1890

1955

1971

2015
The port in numbers

- 280 ha of port area,
- 12 specialized terminals,
- 3.4 km of operative quays,
- 26 berths,
- 30 km of railway tracks serving and connecting all terminals.
Multi-purpose port

- Containers
- Break bulk
- Liquid bulk
- Project cargoes
- Passengers
- Reefer cargo
- Cars & Ro-Ro
- Alumina and other minerals
- Coal and iron ore
- Cereals and fodder
- Timber
- Livestock
Maritime throughput

Well utilized port capacities => record results in 2016 => ambitious development plans
Leading container port in North Adriatic area

- 2016 / 2009 => Container throughput of North Adriatic ports +82.8% (Koper +146.2%)
- 2016 / 2009 => Total throughput of North Adriatic ports + 27.5% (Koper + 67.4%)
Hinterland markets

Germany: Containers, cars

Austria: Absolute market leader

Italy: Coal, general cargo

Slovenia: Domestic market with Luka Koper’s absolute market share

Czech R.: Containers, cars, gen. c.

Poland: Containers, cars, gen. c.

Slovakia: Container market leader with 60-70% share

Hungary: Container market leader with 60-70% share of Hungarian container market + very strong on other cargo segments

Croatia, Bosnia&Herzegovina, Serbia: Containers, cars, gen. cargo
Hinterland rail & road connections

- excellent railway connections to hinterland markets,
- modern highway network,
- business centres of surrounding hinterland markets can be reached from the Port of Koper by road in less than 1 day and by train in less than 2 days.
- an average of 63 trains / day (total more than 80 trains).

Modal split

- Transhipment 12 %
- Inland 88 %
- 63 % Rail
- 37% Road

Distances:
- Munich 509 km
- Milan 441 km
- Vienna 492 km
- Bratislava 536 km
- Budapest 570 km
- Prague 816 km
- Zagreb 241 km
- Sarajevo 708 km
- Belgrade 636 km

Port of Koper
LUKA KOPER
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Estimations for growth until 2020

- Multipurpose port (all cargo groups)
- Expected accelerated growth of container traffics / key investments!
- Important position on car segment
- New opportunities for general cargo related to containers and alternative fuels
- Regular supply of strategic fuels

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<tbody>
<tr>
<td>Total (tonnes)</td>
<td>20,101,750</td>
<td>24,300,000</td>
<td>35,100,000</td>
<td>27,400,000</td>
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<td>Containers TEU)</td>
<td>730,000</td>
<td>1,000,000</td>
<td>2,000,000</td>
<td>1,300,000</td>
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<td>Vehicles (units)</td>
<td>525,000</td>
<td>850,000</td>
<td>1,250,000</td>
<td>865,000</td>
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Main strategic projects until 2020

Container terminal – 235 M €

Car terminal – 24,7 mio €

Liquid bulk terminal – 13,9 mio €

Multipurpose Warehouse – 42 mio €
Port development overview until 2020

- Extension and consolidation of Container terminal on Pier I
- New RO-RO berth
- Multi-purpose warehouse with extended berths
- New shore tanks for oil derivatives
- New truck gate No. 1
- New truck gate No. 2 + truck terminal
- Arrangements of storing areas for cars with new rail access
- Landfills for future extension
- Consolidation of Pier II western area
- Passenger terminal
- New truck gate No. 2 + truck terminal
- New truck gate No. 1

National spatial plan limit
Investments in port development till 2020

Development investments:

- **2016 – 2020**: 300 mln EUR => annual throughput: 24.3 mln tons, 1 mln TEU, 850.000 cars
  CEF cofinancing target: min. 20 mln EUR

- **2021 – 2030**: 400 mln EUR => annual throughput: 35.1 mln tons, 2 mln TEU, 1,25 mln cars

The port will be developed in the function of the core network => very relevant project: **double railway line Koper – Divača**.
Active in EU projects / different programs

- 2007 – 2013 = 32 + 2 projects
- 2014 – 2016 = 10 new projects
New projects’ priorities

- **Infrastructure**: New capacities for strategic cargo groups: containers and cars + Improved port’s accessibility and connectivity
- **Smart Contents**: Environment, energy efficiency, ICT, innovative technologies, security

2014 – 2020

=> No cohesion funding; **10 new projects**;
approx. **11 mio € funds approved** (for activities of 44,4 mio €) / 4 different programs
EU funds for port infrastructure

Amount of 6 projects 52 mio € => cofinancing 11,5 mio €

**STUDIES**

- **NAPA**
  - Project design and related studies for Pier I extension
  - Budget: 526,000 €, Cofinancing 50%

- **ten-t NAPA studies**
  - Studies and project documentation for:
    - Reconstruction of berths 7, 7a in 7b + navigability studies in basin I
    - New berths in basin II and sustainability study for basin II
    - Increased berthing capacity for livestock terminal
    - Railway tracks VI. in basin III
    - Railway tracks 21 a, b, c, and RMG lanes on pier I
  - Budget: 965,000 €, Cofinancing 50%

**WORKS**

- **NAPAdrag**
  - Dredging of basin I (-15 m)
  - Budget: 756,000 €, Cofinancing 10%

- **Napa4Core**
  - Construction of infrastructure to increase container traffics:
    - railway tracks 21 a, b, c, 18 c and RMG lanes
    - new berth 7d and reconstruction of berths 7, 7a in 7b
    - new port entry Bertoki
  - Budget: 30,44 mio €, Cofinancing 20%

- **FRESH FOOD CORRIDORS**
  - Pilots solutions to transport perishable goods via railways:
    - Electricity power station and shelves for reefer containers
    - Reach-stacker to load containers on wagons
  - Budget: 1,05 mio €, Cofinancing 50%

- **CarEsmatic**
  - Construction of infrastructure to increase car traffics:
    - New Ro-Ro berth in basin III
    - VI. group of railway tracks in the back area of basin I
  - Budget: 11,45 mio €; Cofinancing 30%
Combining projects for Container terminal

- **Current capacity**: 950,000 TEU/year
- **Market potential**: growing volumes for Central and East European markets (2 mio TEU/year till 2030) / using Baltic-Adriatic and Mediterranean multimodal TEN-T corridor

**Projects to increase capacities (quick wins / mid-term / long-term):**
- Reorganization of processes
- Improved ICT support
- Energy efficiency
- Dredging basin I
- Extension of Pier I and quayside reconstruction
- Terminal concentration in its immediate hinterland
- Additional equipment

**Combining EU funding:**
- MOS4MOS => ICT (several prototypes)
- ITS Adriatic Multiport Gateway => ICT (EDIFACT)
- GreenCranes => energy consumption measurement & actions
- B2MOS => ICT (+ ANNA – Slovenian Maritime Administration - SW)
- NAPADRAAG => dredging Basin I – 15 m (works)
- NAPAPROG => project documentation for extension Pier I (studies)
- NAPASTUDIES => project documentation for railway tracks on the terminal and navigability study (studies)
- NAPA4CORE => port infrastructure up-grades, railway and last mile connection, Pier I extension (works)
- FFC => reffer tecnology and infrastructure
- EIB loans
- Republic of Slovenia – Maritime Administration => dredging accessing channel to Basin I – 15 m (works - Cohesion fund)
Regular awareness for environment and safety

- Certificates:
  - EMAS
  - ISO 14000
  - OHSAS 18001

- Regular on-line monitoring to prevent and avoid reduction of negative impacts on:
  - Sea quality
  - Dust emissions / PM10
  - Noise
  - Energy consumption

- Sea protection – 24/7 state of alert of anti-pollution vessels

- Waste management / Processing organic waste to compost

- Investing in environment-friendly and energy green technologies

- Installing of the best available technology to improve safety at work
The green and sustainable port

- National Spatial plan / long-term solution with sustainable development

- Adapting the port’s appearance to the surroundings (considering local natural and urban characteristics)

- Acting socially responsible and supporting local community – approx 1 million EUR for sponsorships and donations in 2016

- Open for public with more than 20.000 visitors every year

- ESPO Award 2014 – No waste, just resources!

- Sustainable development portal Living with the port – www.zivetispristaniscem.si
Thank you for your attention!