

In constant movement



*EESTI RAUDTEE*

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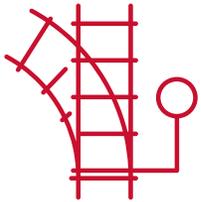
Estonian Railways Ltd

01.2020

# Estonian Railways Ltd

- Estonian Railways Ltd is largest railway company in Estonia, operating since 1870
- Free capacity both on railways and in the ports
- Infrastructure in a very good condition
- 1500 metre station yards at border and intermediate stations that provide proper conditions for servicing heavy and long freight trains
- Quality and reliable traffic management ensuring fast circulation of wagons

# Estonian Railways Ltd



- Track gauge **1520/1524 mm**
- Overall length of railways **1219 km**
- Including double-track railways **94 km**
- Number of switches **1190 pcs**
- Length of electrified railways **132 km**
- Number of passenger platforms **129 in use**
- Number of stations **61**
- Number of border stations **3**
- Capacity **56 train pairs per 24 hours**



Employees ca: **750**



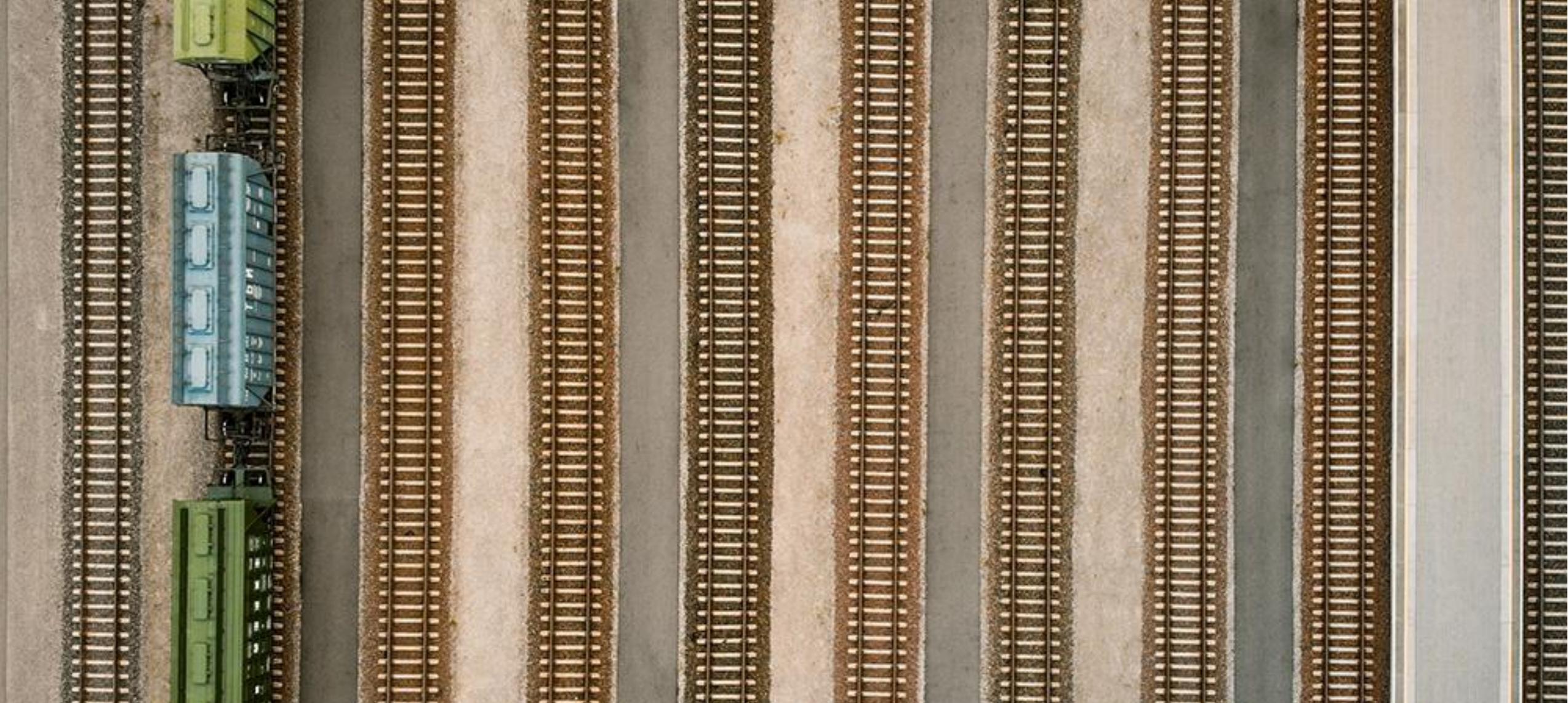
ISO 9001:2018  
ISO 14001:2018

# Our main goals

- Infrastructure management – investment plan 500M during next 5years
- Traffic management – keeping high quality (current accuracy KPI 99,5%)
- IT services – wagon management/location services
- Supporting the operators to attract cargo and passenger volume

# We differ

- 1,64 track kms per employee – one of the most effective networks in the world
- Geographical location – in triangle between Russia, Europe and Scandinavia
- A lot of free capacity
- Ice free ports and high quality services
- Highest permitted axle load in the region – 32T
- Responsible business recognition: Gold Level owner – Responsible Business Forum of Estonia and owner of Green Office Certificate
- ISO 9001 and 14001 certificates



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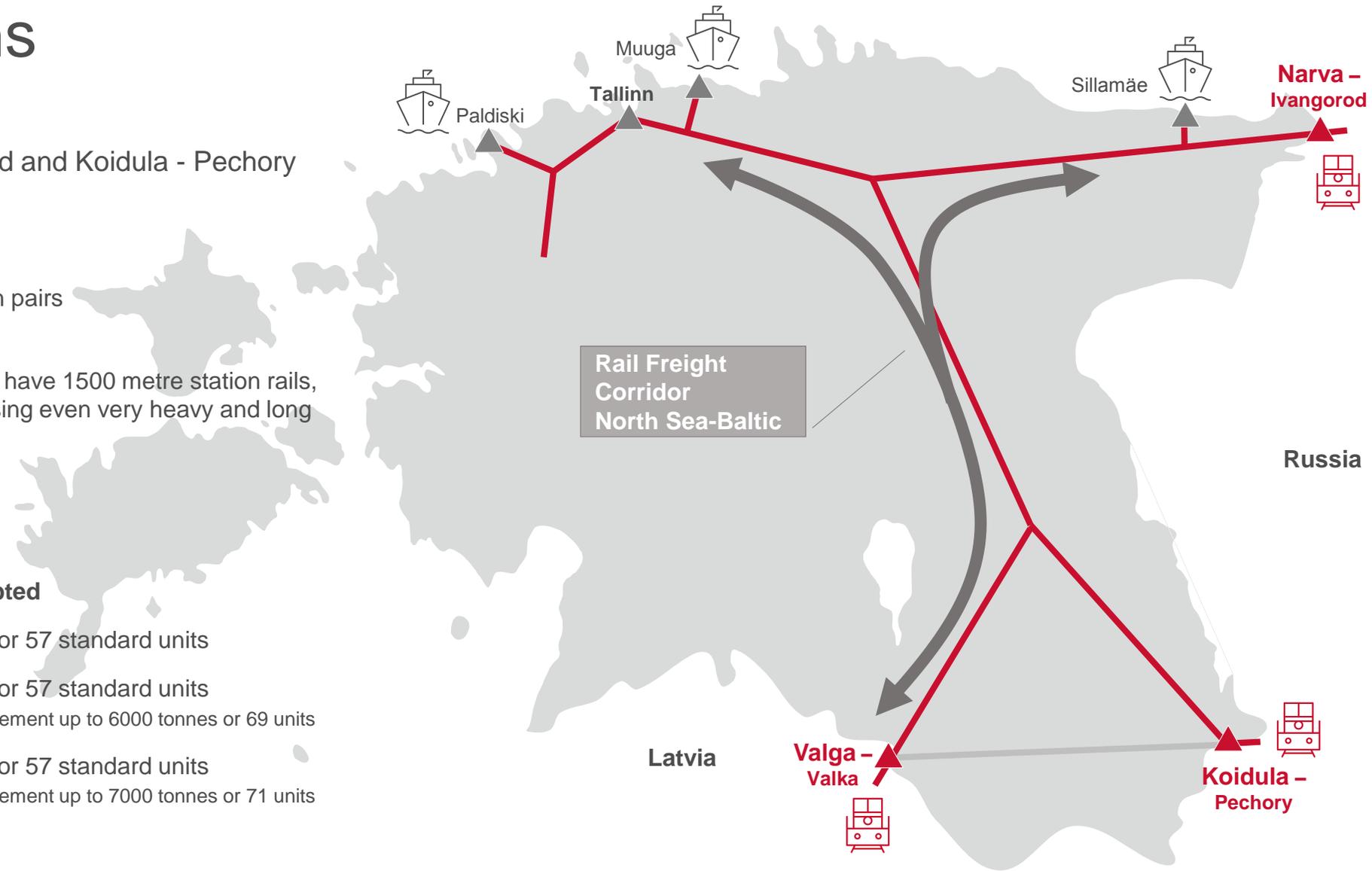
# Border stations

**With Russia:** Narva - Ivangorod and Koidula - Pechory

**With Latvia:** Valga - Valka

Total capacity within 24 hours 56 train pairs

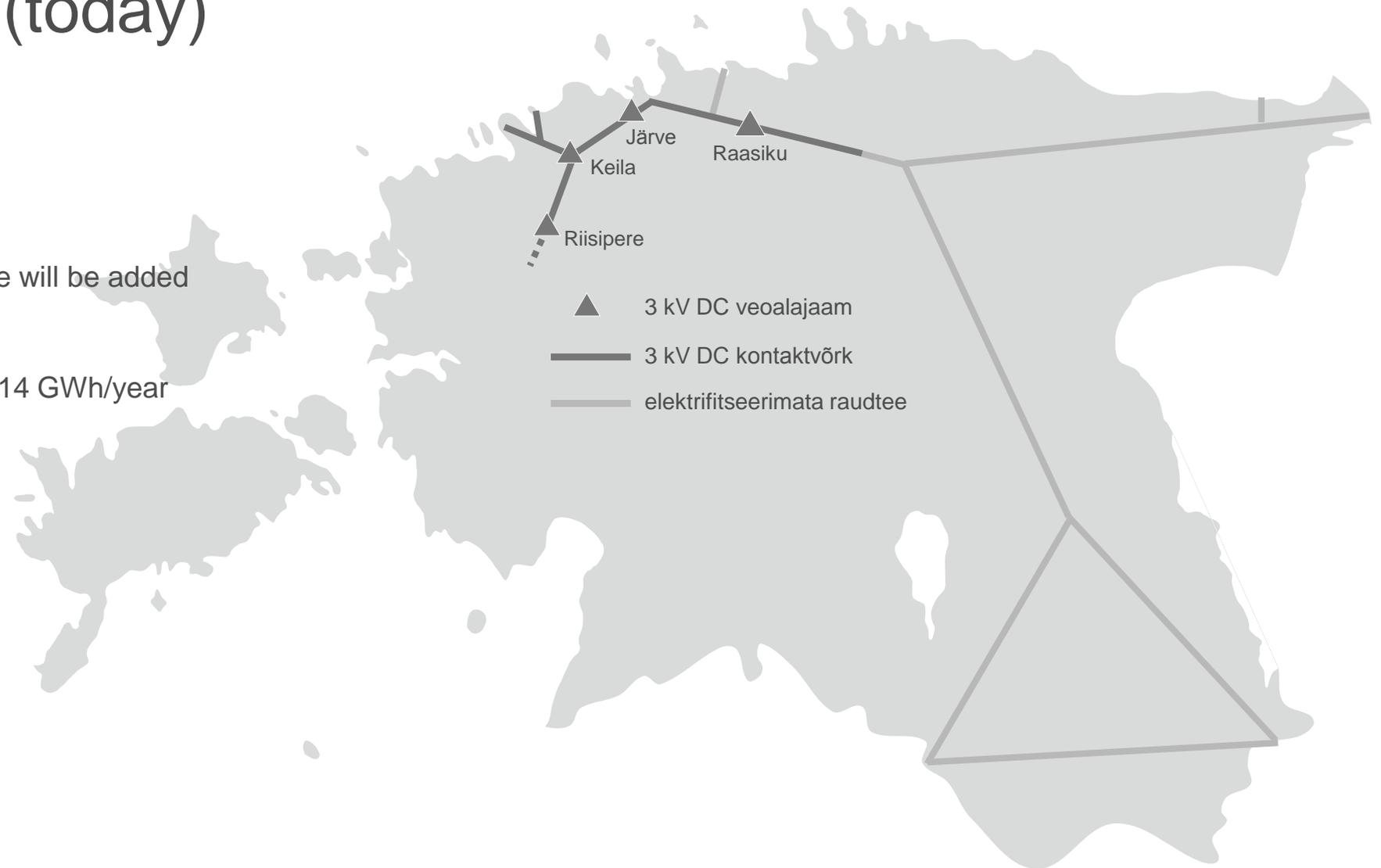
Both border stations and call stations have 1500 metre station rails, providing good conditions for processing even very heavy and long freight trains.



Border station	Trains accepted
Valga	5200 tonnes or 57 standard units
Koidula	5200 tonnes or 57 standard units On special agreement up to 6000 tonnes or 69 units
Narva	5600 tonnes or 57 standard units On special agreement up to 7000 tonnes or 71 units

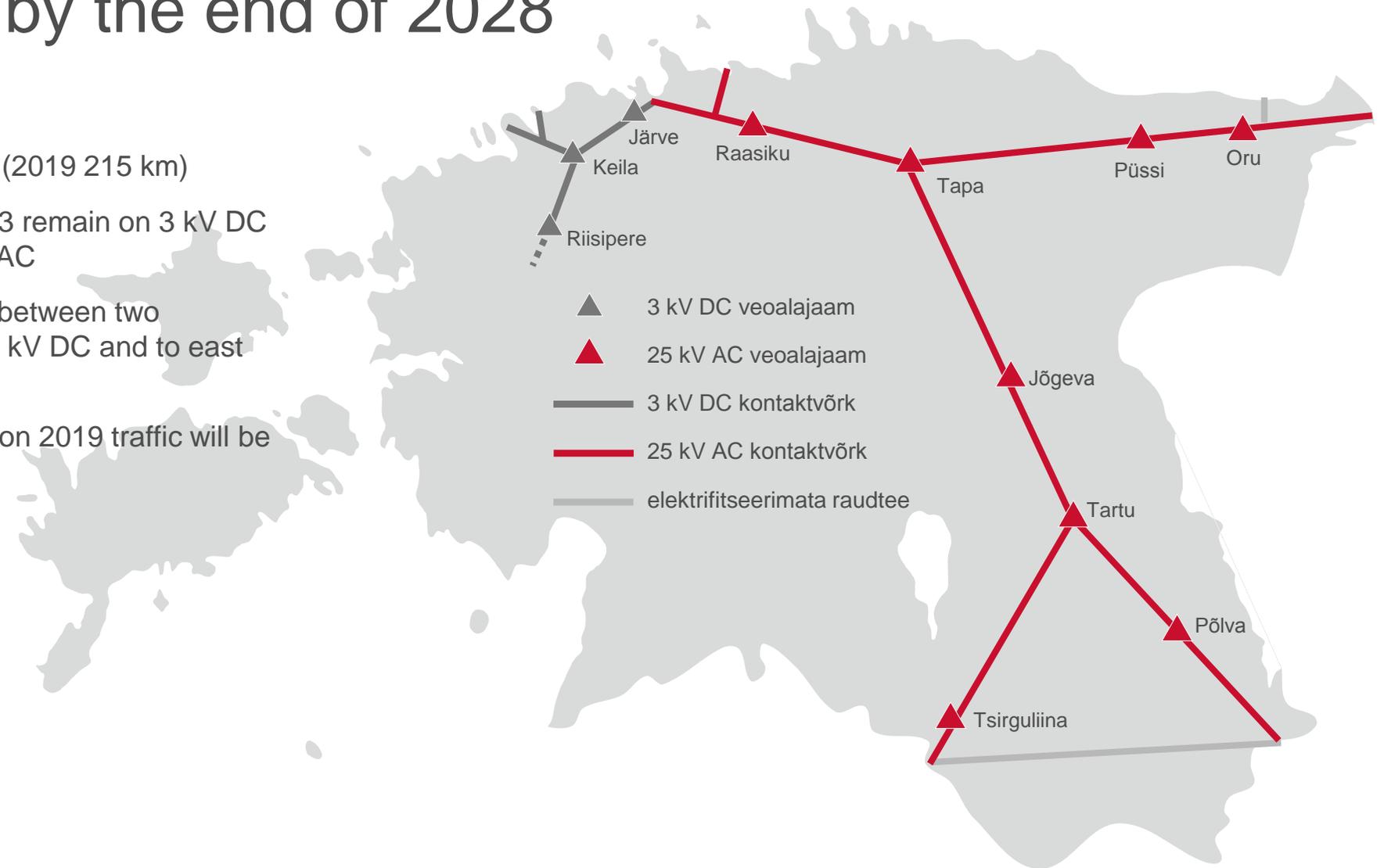
# Electrification (today)

- Total network 1219 km
- Electrified 219 km
- 3 traction substation units, one will be added
- Contact wire 3 kV DC
- Trains energy consumption ca 14 GWh/year



# Electrification by the end of 2028

- Electrified tracks ca 900 km (2019 215 km)
- 11 traction substation units, 3 remain on 3 kV DC and 8 substations on 25 kV AC
- Contact wire will be divided between two currents: west from Tallinn 3 kV DC and to east 25 kV AC
- Energy consumption based on 2019 traffic will be ca 34 GWh/year





Thank You!

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