

VR Groupd Ltd Rail logistics

Route alternatives between Sweden and Finland

International Rail Freight Business Association

25.9.2020

Pasi Forsman









**VR Group is a responsible
passenger, logistics and
maintenance service
company**

Our business areas

- **VR** transports passengers by train, bus and tram
- **VR Transport** provides logistics services on rails and wheels
- **VR FleetCare** offers rail fleet maintenance and lifecycle services
- **Train Operations** is responsible for locomotives and manages disruptions
- The **Property Unit** manages properties and leases premises

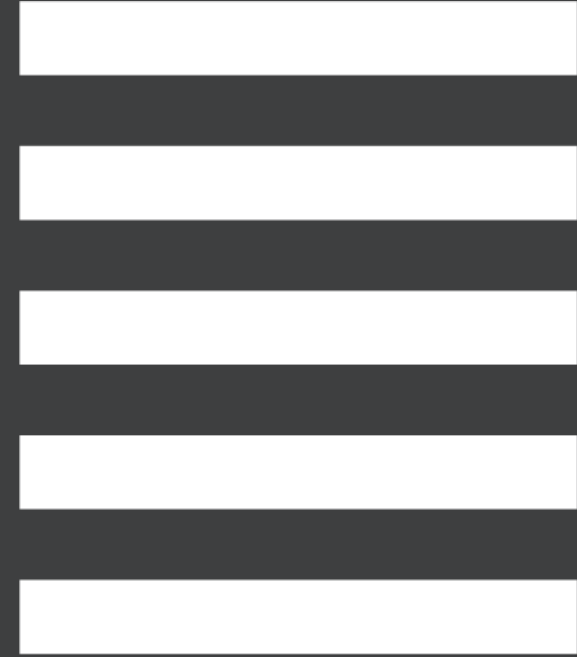


Our Group's key figures in 2019

					
Net sales 988.4 million euros	6,062 employees	92.8 million train journeys	42.9 million bus journeys	Goods transported by rail 36.9 million tons	Goods transported by road 4.9 million tons

VR Transpoint

Route alternatives between Sweden and Finland



Mutually complementing business units



**Rail
Logistics**
Domestic
International



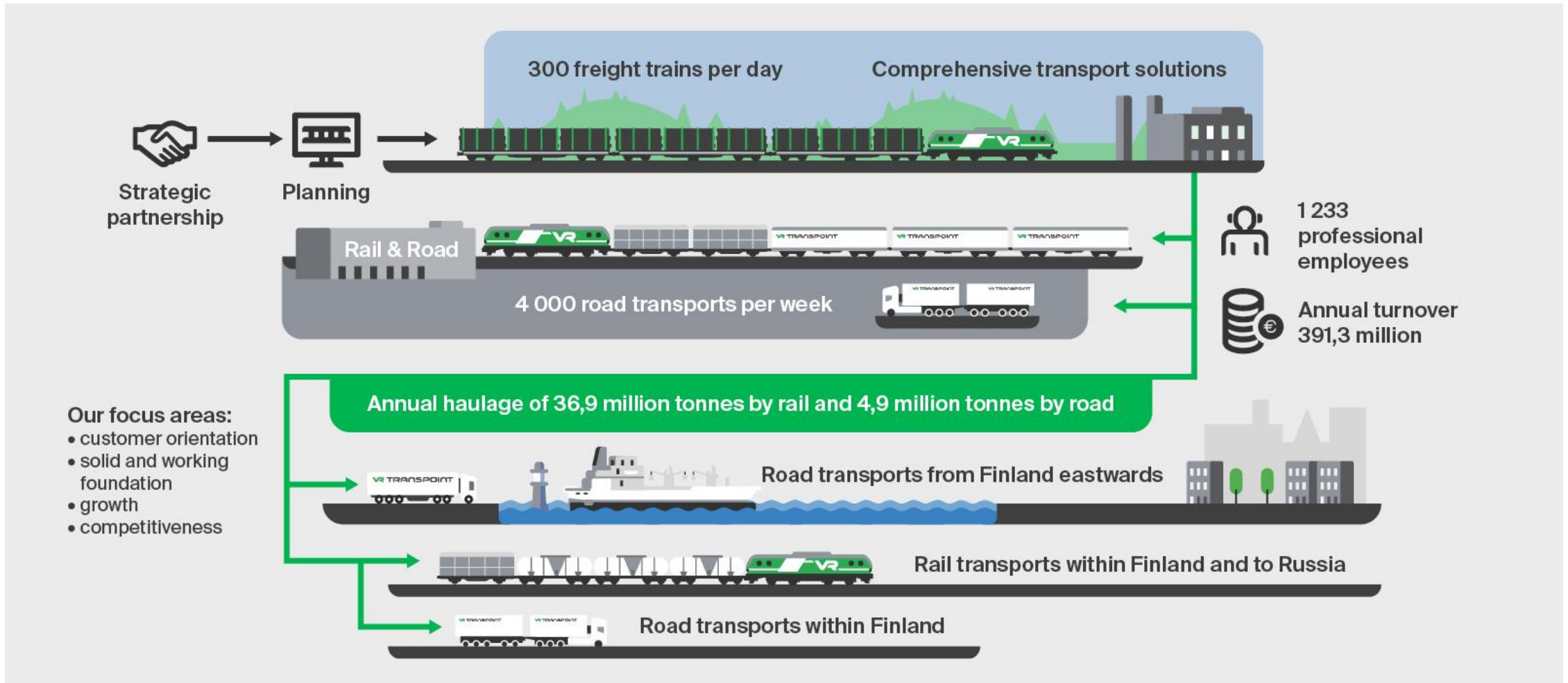
**Road
Logistics**
Domestic
International



Comprehensive logistics solutions

- Logistics chain design
- Rail & Road
- Warehousing
- IT cooperation
- Port operations
- Loading & unloading

We are a strong pillar of support for industry



VR Transpoint: Focus areas of responsibility

We are part of the solution for climate targets

- With our work, we support the competitiveness of industry and reduce emissions from traffic.
- Nearly a third (28%) of land transport in Finland is carried out by train. However, rail traffic's share of the emissions is only one per cent.
- The train is the most environmentally friendly means of transport. The more goods are transported by rail, the more effectively we are able to reduce the total emissions from traffic.

We aim for carbon-neutral transport

- 79% of rail freight transport already runs on renewable hydropower.
- Our goal is to increase the share of trains running on electricity to 90% over the next 5–10 years. Reaching that goal requires that the electrification of the railway network is continued.
- We can already offer our customers a carbon-neutral transport chain by offsetting our emissions.

We invest in energy-efficient rolling stock

- In rail traffic, we invest in tractive stock: new electric and diesel locomotives improve the efficiency, operational reliability and environmental friendliness of freight transport chains.
- In road traffic, we are developing fuel solutions that are better for the environment together with our customers and increasing the load capacity.

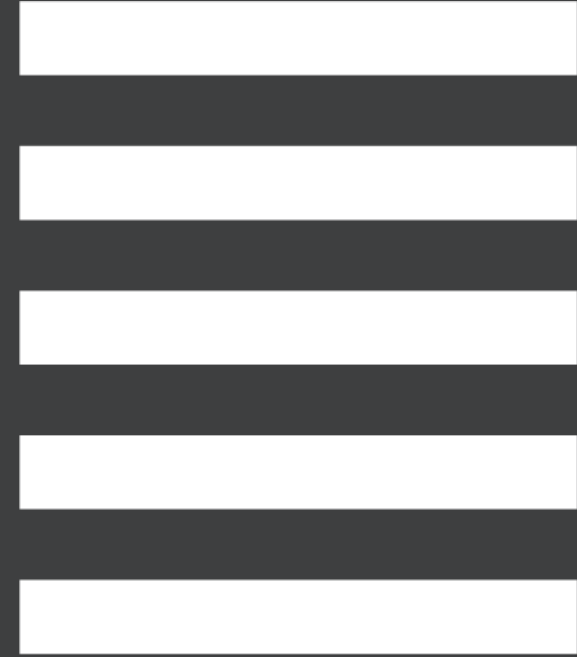
Safety is the cornerstone of our operations

- We work with our customers and partners to ensure occupational and transport safety.
- We focus on proactive safety work.



Rail logistics

Route alternatives between Sweden and Finland



Comprehensive product knowledge in rail transports

Transported product groups



Paper, cardboard pulp or timber



Raw wood



Steel coils and other metal products



Oil products and chemicals



Other bulk products: iron ore pellets, fertilizers, coal




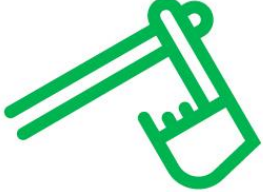








Containers







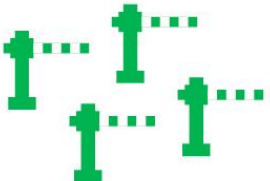
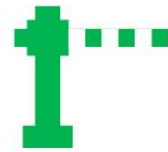




Special and project transports

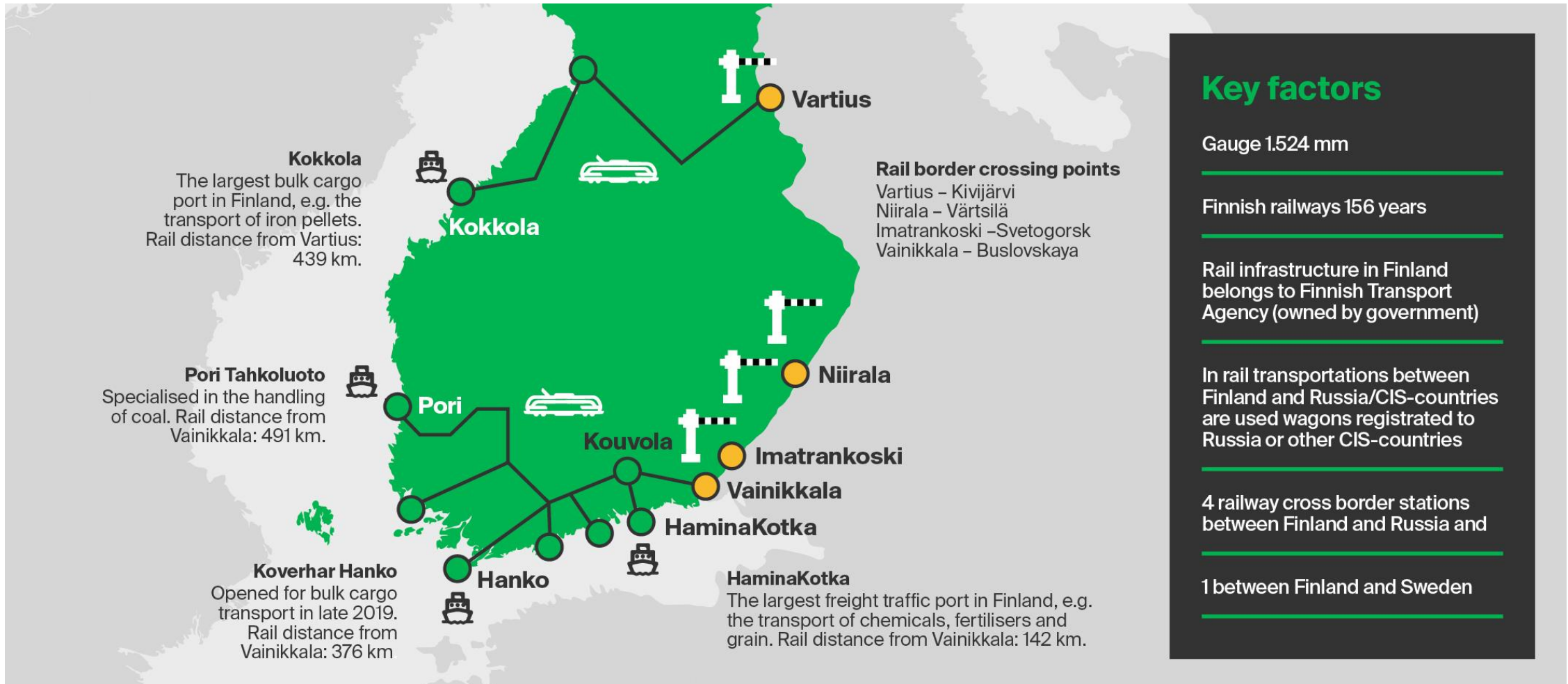
Wide range of logistics services

<p>1</p> <p>Good partner networks in Eastern traffic</p> 	<p>2</p> <p>Cooperation with rolling stock operators</p> 	<p>3</p> <p>Versatile port network with railway connections</p> 	<p>4</p> <p>Port operations</p> 	<p>5</p> <p>Forwarding and customs clearance services</p> 
<p>6</p> <p>Warehousing and terminal services</p> <p>AEO</p> 	<p>7</p> <p>Transport of dangerous goods (ADR)</p> 	<p>8</p> <p>Special transport</p> 	<p>9</p> <p>Digital solutions in rail traffic between Finland and Russia</p> 	<p>10</p> <p>Finnlog - our own rolling stock operator in Russia</p> 

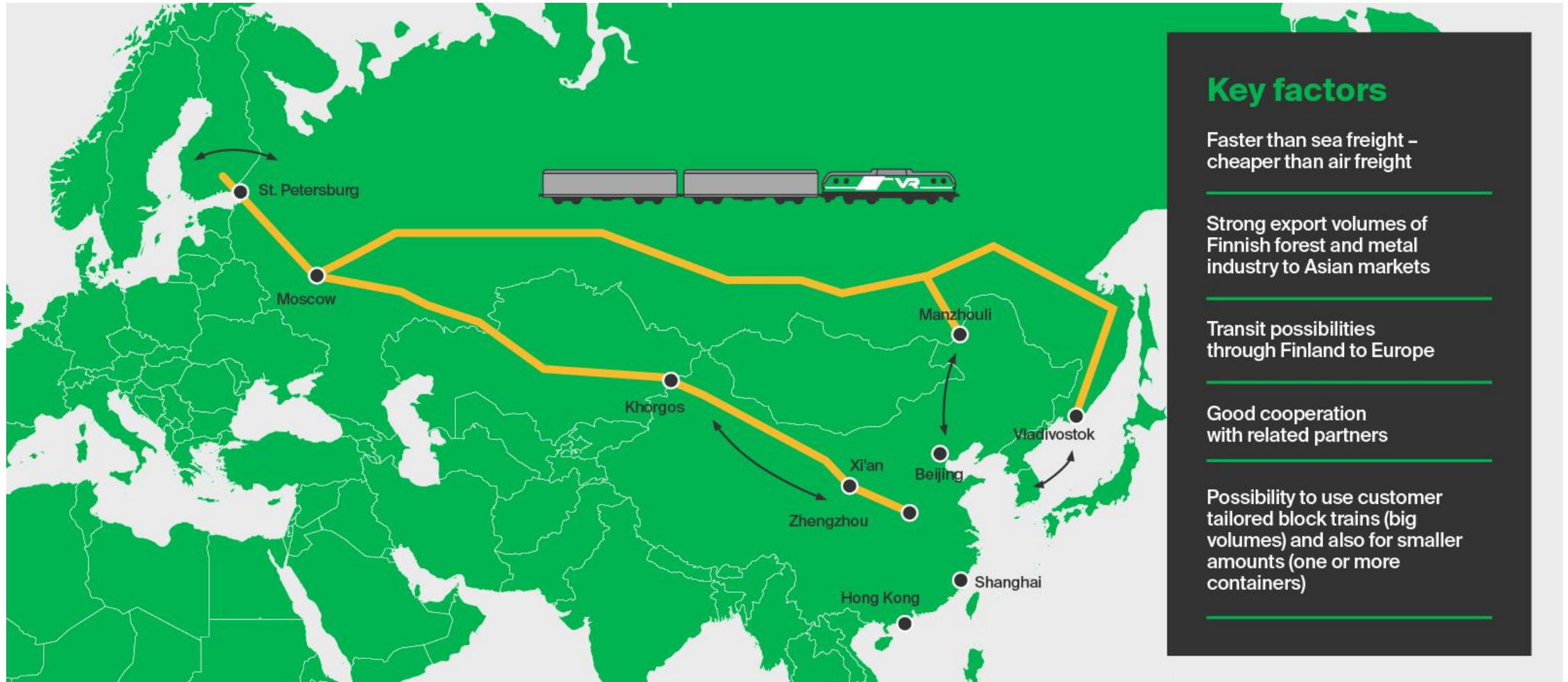
Finland as an efficient railway route

<p>1</p> <p>Gauge 1524 mm</p>  <p>1524 mm</p>	<p>2</p> <p>Since 1862</p>  <p>1862</p>	<p>3</p> <p>VR – abbreviation from Finnish words Valtion Rautatiet (State Railways)</p> 	<p>4</p> <p>Rail infrastructure owned by the State</p> 	<p>5</p> <p>Rail infrastructure managed by Finnish Transport Agency</p> 
<p>6</p> <p>Russia/CIS-country Wagons are suitable for Finnish Rail network</p> 	<p>7</p> <p>4 railway border-crossings between Finland and Russia</p> 	<p>8</p> <p>1 railway border-crossing between Finland and Sweden</p> 	<p>9</p> <p>Cost based pricing</p> 	<p>10</p> <p>Stable operating environment</p> 

Border-crossings (FI/RU) and main transit routes/ports of Finland

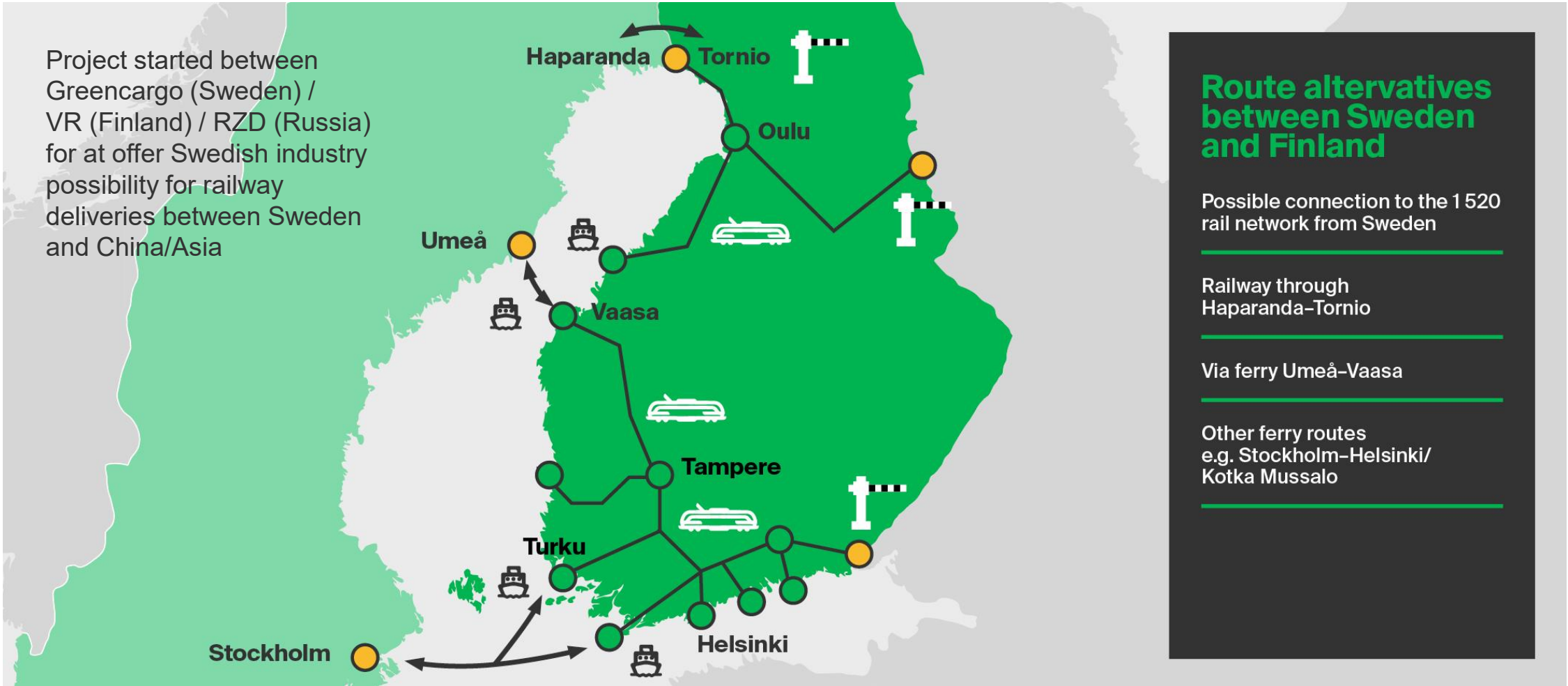


Main routes to Asia



Route alternatives between Sweden and Finland

Project started between Greencargo (Sweden) / VR (Finland) / RZD (Russia) for at offer Swedish industry possibility for railway deliveries between Sweden and China/Asia





Vision 2030

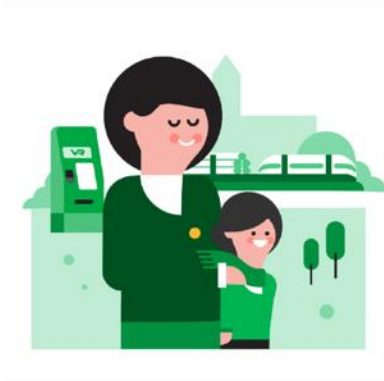
Getting there together for a better world

Our responsibility promises



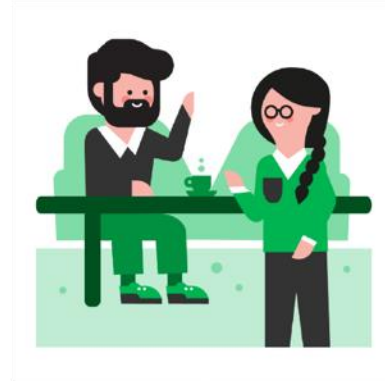
Safety

We ensure that people and goods reach their destinations in the safest way possible – safety is our way of doing things



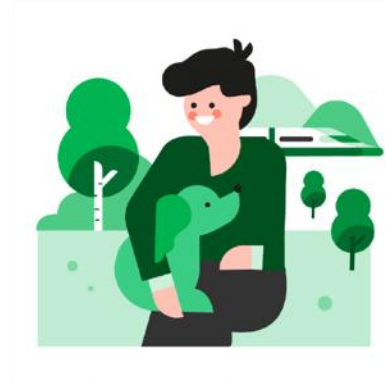
Customer orientation

We are our customers' first choice



Employee experience

Together we build an inspiring workplace where everyone feels comfortable



Environmental responsibility

We reduce the environmental impact of transport and the carbon footprint of society



Corporate social responsibility

We increase Finland's well-being

Thank you!