

## **Healthcare system**

## Digital transformation of industry, infrastructure and mobility

### **Energy transition**

Competitive Efficient **Population** industries Aging society growth Increase in chronic **Productivity** Personalized healthcare diseases Affordable healthcare Siemens **Siemens** Healthineers<sup>1</sup>

**Economic** growth infrastructure Sustainable use of **Prosperity** resources

Distributed energy systems / Grid edge

Increasing demand

Climate change / decarbonization

**Energy efficiency** 

Hydrogen / sector coupling

Energy backbone for society

**Siemens** Energy<sup>2</sup>

Siemens

€28 bn

92 000

€60 м

75

**Energy** 

1 Publicly listed subsidiary of Siemens | 2 Publicly listed associate

Combined Revenue €81bn



Revenue

**Employees** 

€94 м

139



Local





Global	
Revenue	€15 br
Employees	70 000
Local	
Revenue	€104 N
Employees	263



	Global
bn	Revenue
500	Employee
	Local
3 м	Revenue
64	Employee

**Technology solutions** to address the greatest challenges of our time

**SIEMENS** 

# **Siemens Mobility**

We are the most diversified and vertically integrated mobility company









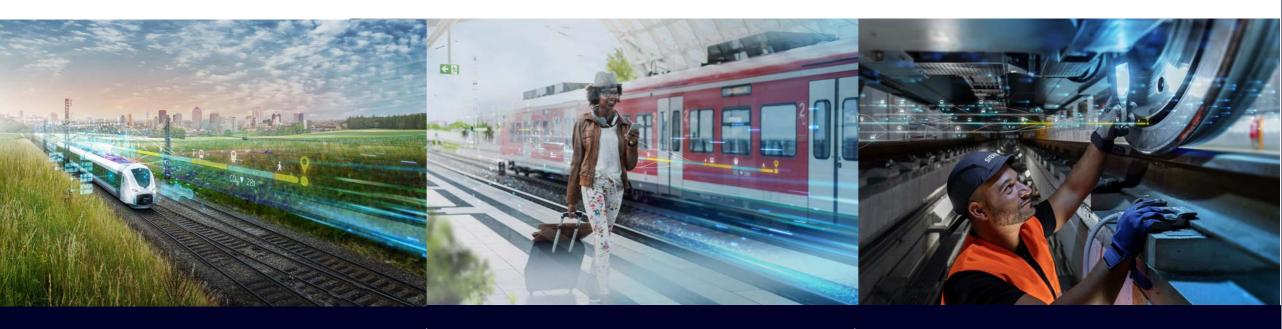






# **Siemens Mobility**

With digitalization, we enable mobility operators worldwide to ... make trains and infrastructure intelligent



# ... increase value sustainably over the entire lifecycle

- > Long commitments
- Higher grade of rail automation build on ETCS

# ... enhance passenger experience

- "Digital Station" people flow management
- Integrated Multimodal Mobility: travel chains, demand responsive transport, mobile ticketing, MaaS
- Train IT

# ... guarantee availability

- Digital predictive maintenance
- Performance contracts









Multiple **Traction Feeder Stations** for Helsinki Metro and City Tram Network

80 (+97) **Vectron Sr3** multiuse e-locomotives for:

- 2000 7000 ton cargo trains
- Diesel Hybrid use at non-electrified idustrial loading areas (game changer in rail logistics)
- 200 km/h passenger trains

- Train Traffic Management EsKo & KaKo
- > Traffic planning Enne
- Track capacity management Saaga

Multiple signalling projects on the Core Main Railway. The newest – RiTa, TaSe, OKORA– with ETCS future ready Westrace II technology



# **Estonian Railways**

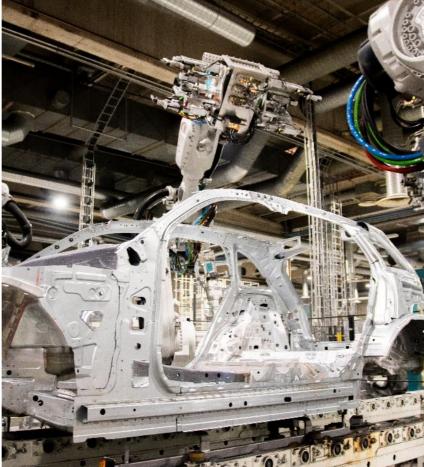
ECC project with ETCS future ready Westrace II technology. 6 lines, 50 stations. 25 years maintenance support.





Siemens Mobility Oy & GRK Rail Oy as consortium signed the contract with ER 4.11.2020. The project paves the path for ERTMS to be implemented in Estonia in later stage.







### **Konecranes**

To speed up the product development process with help of the digital innovation platform.

## **Valmet Automotive**

Automation solution for chassis welding for the manufacturing of Mercedes-Benz A class and GLC model cars.

#### Raute

Digital twin, virtual commissioning and outcome based business model to speed up an export project of a smart patching line.



# Next47 powered by Siemens

Next47 is an independent, global venture firm backed by Siemens AG. We combine capital with hands-on business development capabilities that help our portfolio companies grow revenue through the Siemens ecosystem. Next47 works with start-ups that use deep and frontier technologies such as

- · artificial intelligence,
- · augmented and virtual reality,
- · cybersecurity,
- autonomous driving,
- IoT,
- · robotics,
- and advanced manufacturing

to solve the most difficult and fundamental industry challenges facing Siemens and Siemens customers.

Next47 is also an enabler of "intrapreneurialism" within Siemens. The Next47 Accelerator, a program built in partnership with Alchemist, aims to identify and nurture big, breakthrough ideas within Siemens with the goal of empowering internal talent to create new business opportunities for the company.

