

# Heavy Electric Traffic Ecosystem (HETE)



**KEMPOWER**





# Kempower in a nutshell

## Finnish electric vehicle fast charging equipment manufacturer

- Power range: 40 kW – 4 MW+
- Suitable for all electric vehicle types, like electric cars, buses, trucks, boats, and machines
- Listed in Nasdaq First North Growth Market since December 2021

## New company with a strong history

- Charging business as own company since 2017
- 70 years of experience in DC-power sources (Kemppi Group)



**283.6**

EUR million in revenue

**275.3**

EUR million in order intake



**174%**

revenue growth  
year-on-year

**14.3%**

Operative EBIT margin



# HETE 2024-2029

Mission: **To electrify heavy traffic sustainably!**

Enabling the ecosystem to research and develop new technologies and business models around energy flow and logistics related to the electrification of the heavy traffic industry

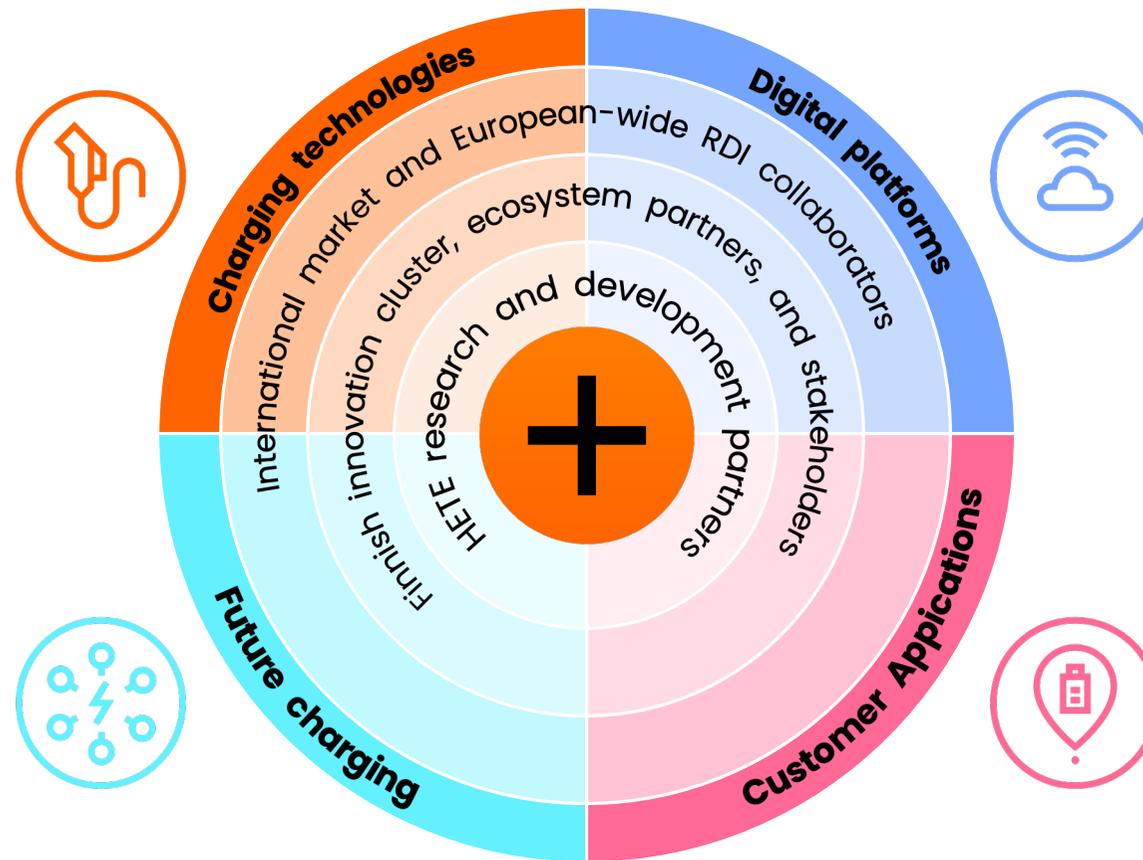
**HETE aims to build a leading global eTruck charging ecosystem by 2030**

- >50 partners involved in the ecosystem
- \$1 bn+ in revenues from heavy traffic charging systems for the ecosystem companies





# The HETE ecosystem layers





## Four research themes

### EV charging technologies

How can we increase the power capacity of charging systems?

This field includes developing power converter technology, advanced system cooling, charger operation with battery energy storage systems, and optimal grid use, among others.



### Customer applications

How can we support overnight, destination, and on-the-move charging?

This field includes the development of real-life testing environments and optimal route and charging planning software – nationally and internationally.



### Digital solutions and platforms

How can we find new ways of using data and creating data-based business opportunities?

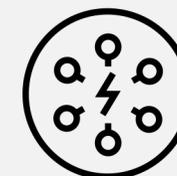
This field involves developing cloud-based platforms that ensure interoperability with partner platforms.



### Future DC fast-charging

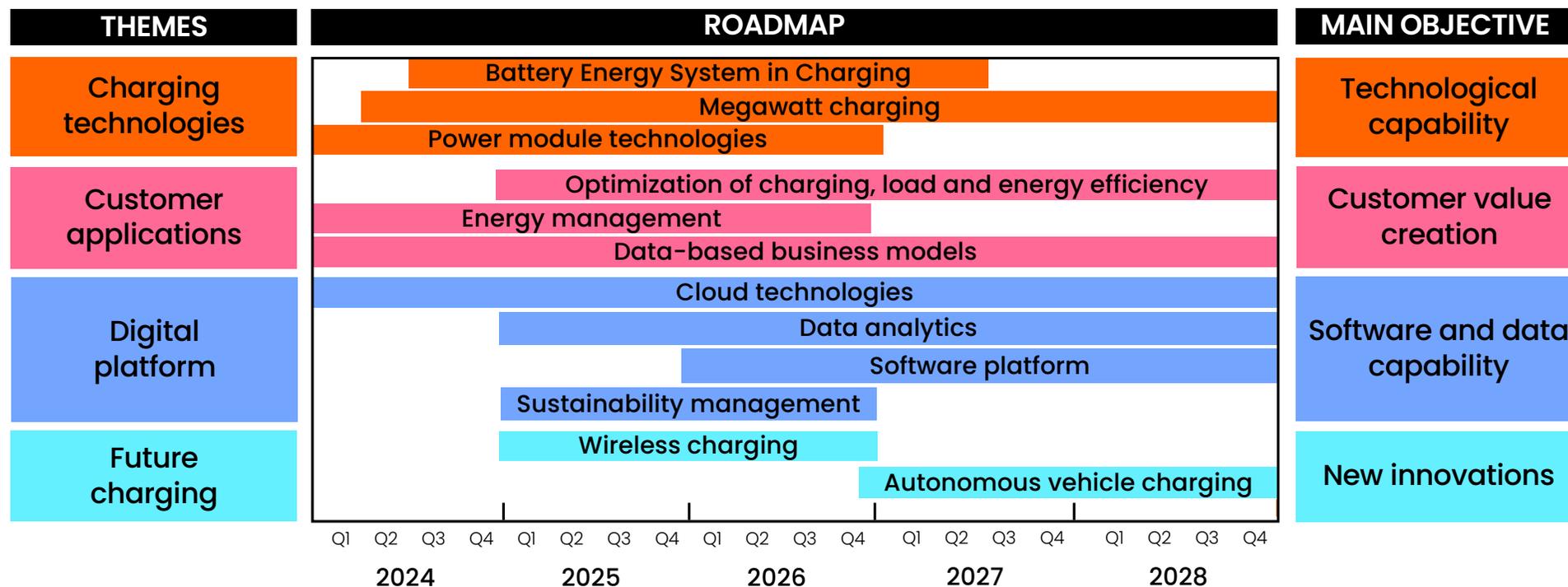
How can we improve long-term business prospects with novel charging technologies?

This field covers multimegawatt charging, the integration of autonomous vehicles into logistics operations, wireless charging, and the effects on the electricity grid.





# The HETE Roadmap



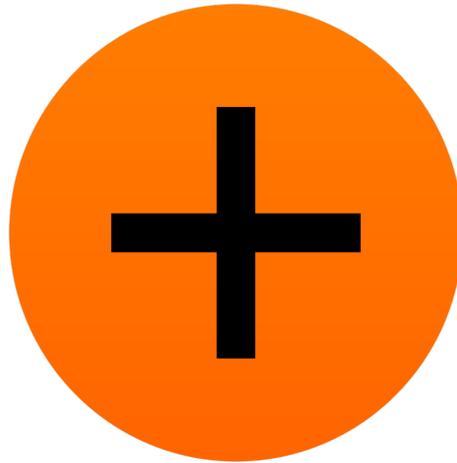


# Kempower value proposition to ecosystem partners

- The heavy-traffic charging market is expected to **grow to 9bn € by 2030**
- Kempower is committed to leading the ecosystem and **investing a total of 25 M€** in HETE R&D in the next five years
- There is **20 M€ of Business Finland funding available** for innovative ecosystem partner projects
- The future of trucks is electric—join the movement and electrify heavy traffic with us!



# Electrify heavy traffic with us!



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