



# ACE sidosryhmätilaisuus 30.9.2024 – sähkörekkalataus Naantali

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# Latausasema

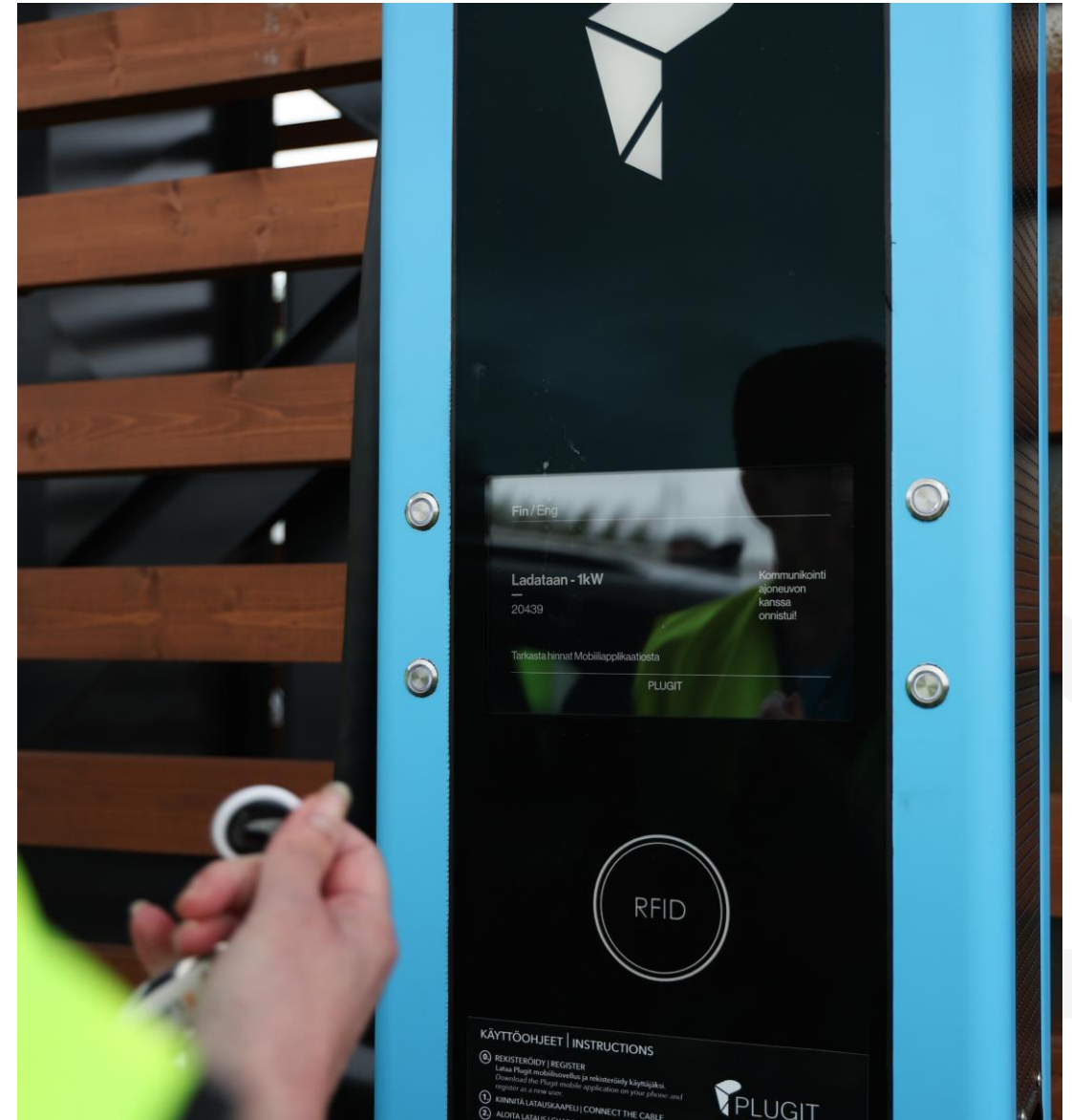
- Otettu käyttöön elokuussa
- Viralliset avajaiset 13.9
- Julkinen latauspaikka
- Sähköliittymä päivitetty keskijänniteliittymäksi





# Latauslaitteet

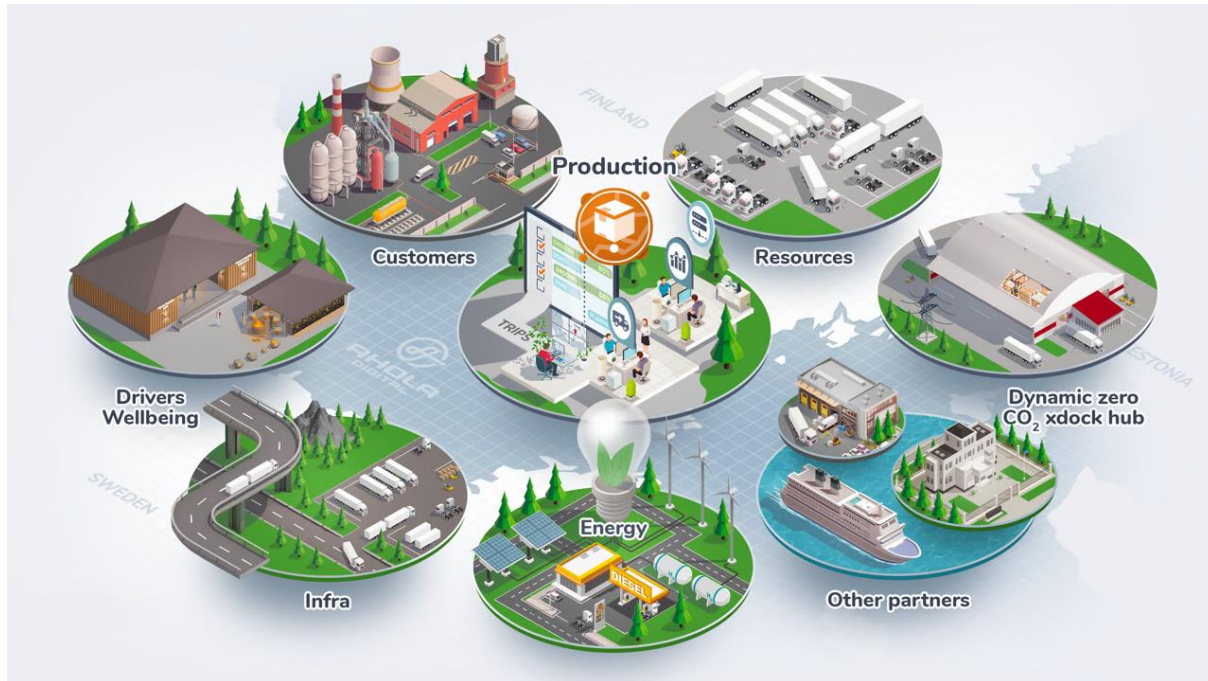
- 720kW aseman teho
- 360kW maksimi latausteho





# Ekosysteemi

- Laajenee uusien energiamuotojen myötä
- Verkosto kasvaa uusien alan sektoreiden integraatioiden kautta



# From this:

## Factors *then*

Starting from **customer needs**  
- then optimizing:

- Driver availability
- Driver resting periods
- Vehicle availability
- Traffic congestions
- Ferry schedules and availability
- Maintenance schedules

## Emission tracking *then*

Straight forward:  
Spent fuel → CO<sub>2</sub>e

## Energy price *then*

Straight forward:  
Purchased from contracted  
distributors.

Fluctuation within a few  
percent.

# To this:

## Factors now

Starting from **customer needs**  
- then optimizing:

- Driver availability
- Driver resting periods
- Vehicle availability
- Traffic congestions
- Ferry schedules and availability
- Maintenance schedules
- Vehicle range
- Charger availability
- Energy price
- Charger output capacity
- Charging time

## Emission tracking now

Electricity CO2e emissions vary significantly by area/country and timing even in 15 min periods.

## Energy price now

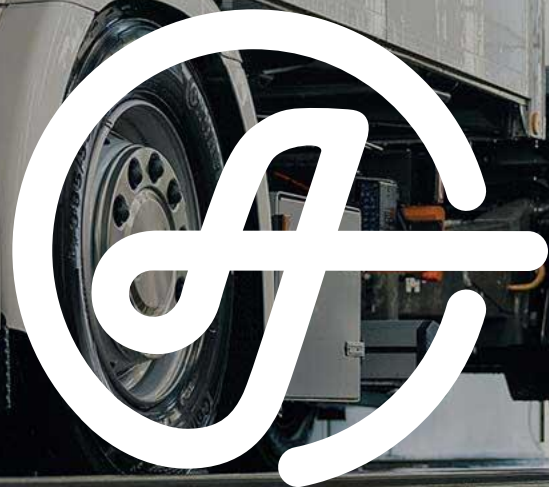
Fluctuates every 15 minutes according to electricity price and in some days even thousandfold.



# Sähkörekka

- Scania 40R – 64t kokonaismassa
- Range ~300km
- Otettu käyttöön elokuun alussa
- 12000km ajettu
- Keskikulutus 140kWh/100km





**AHOLA**

**WAY AHEAD**