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ChargeUp

Brief introduction of ChargeUp CPO and ESP applications

10/11/19

Alternative fuels = European trend

- Supported by government EU and worldwide. This trend will be keep increasing exponentially
- Main argument: Reduction of CO_2 emissions – advantage especially for cities
- Legislative motivation:
  - Restrictive – limited entry to cities, limits for CO_2, emissions, Nox, etc.
  - Positive – subsidy, tax advantage, free parking, dedicated lanes, etc.

- Electromobility definitely will not be the only solution for clean and decarbonized transport system, but will be relatively significant part of the market
- No doubts that electricity market must be ready for that

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European market situation

- **Current state**
  - 1,5 mil. of EVs on the roads (out of 270 mil. vehicles in total)
    - 800k battery electric vehicles (BEV)
    - 700k plug-in hybrid vehicles (PHEV)
  - 177k chargers available
    - 148k of AC chargers
    - 29k of DC chargers
  - *8,5 EVs per 1 charger*
- **2025 outlook**
  - 25 mil. of EVs on the roads
  - 2,5mil of chargers available
  - *10 EVs per 1 charger (goal defined by European commission)*

Source: www.eafo.eu

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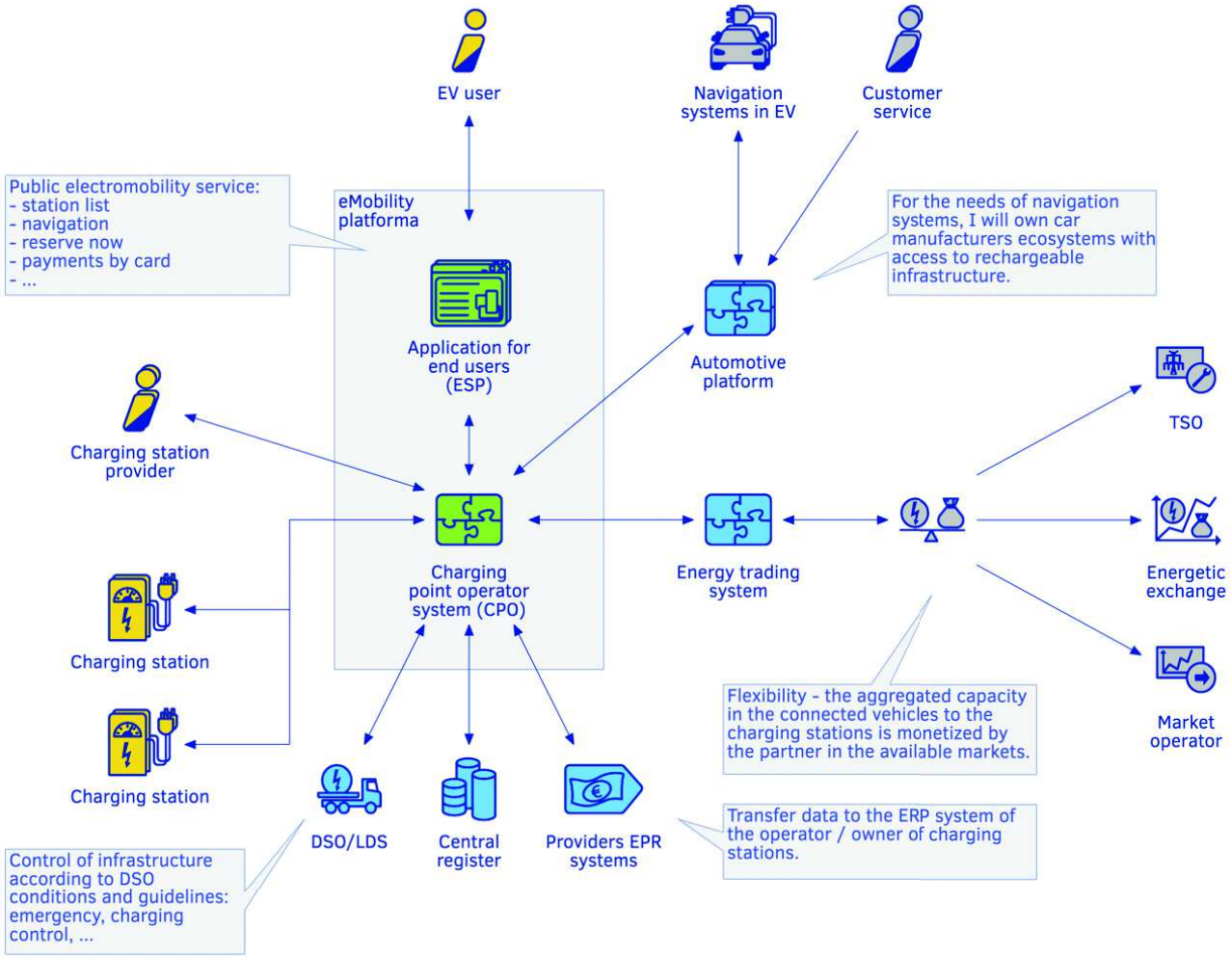
Comprehensive eMobility management platform



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ChargeUp CPO

- Charging Point Operation (CPO) is the management application for charging infrastructure providers

“Modern and reliable platform which supports management of charging infrastructure in user friendly way as well as monetization of charging and other related services”

- Key features
  - Multi-brand charger support
  - High availability and stability of charger
  - Provided as service, operated in flexible and virtualized cloud environment
  - 24/7 support and charger operations
  - Easy management of your electric fleet
  - Monetization of charging networks
  - Rapid and easy access to the new markets

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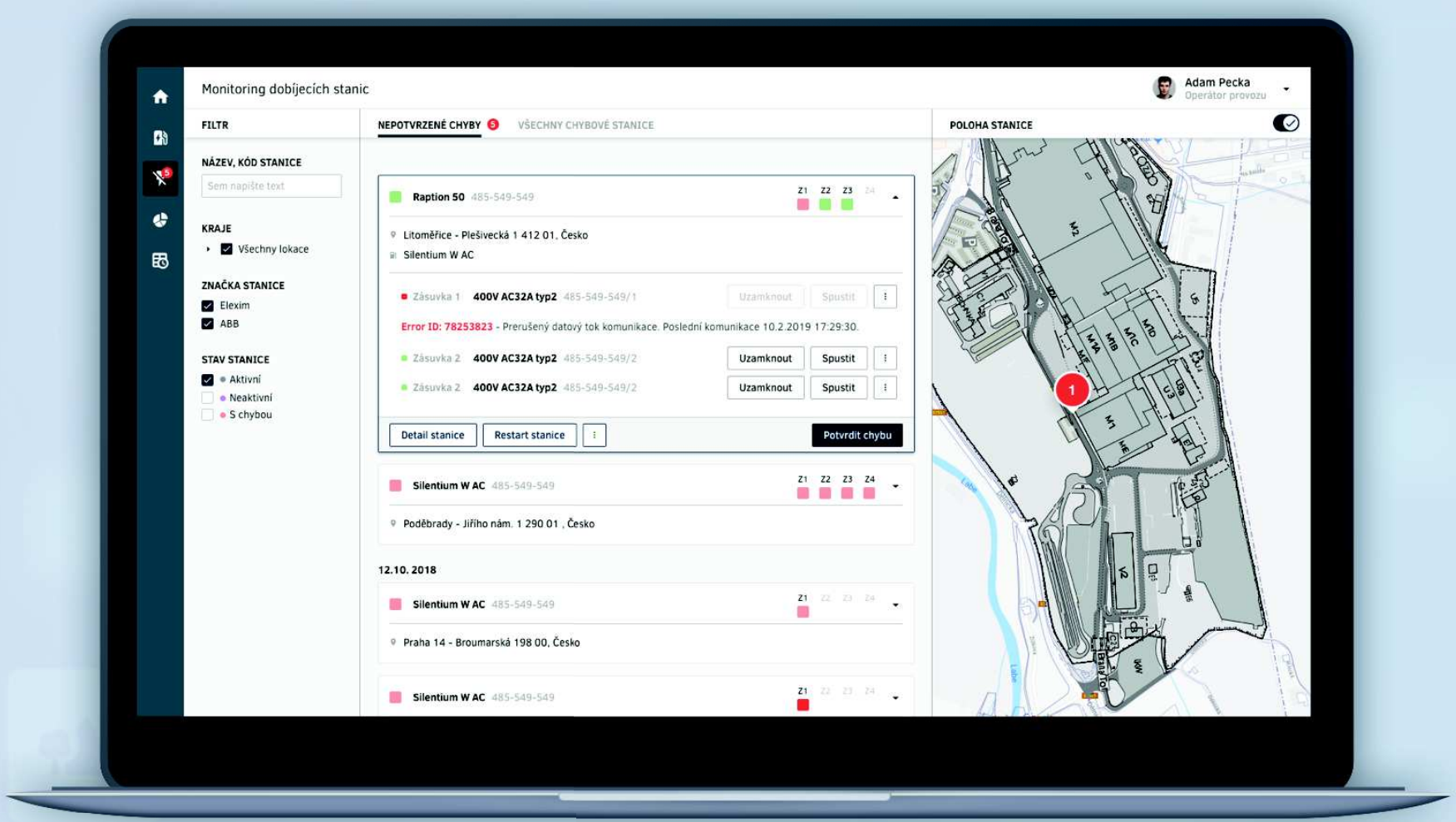
Station list & dispatching



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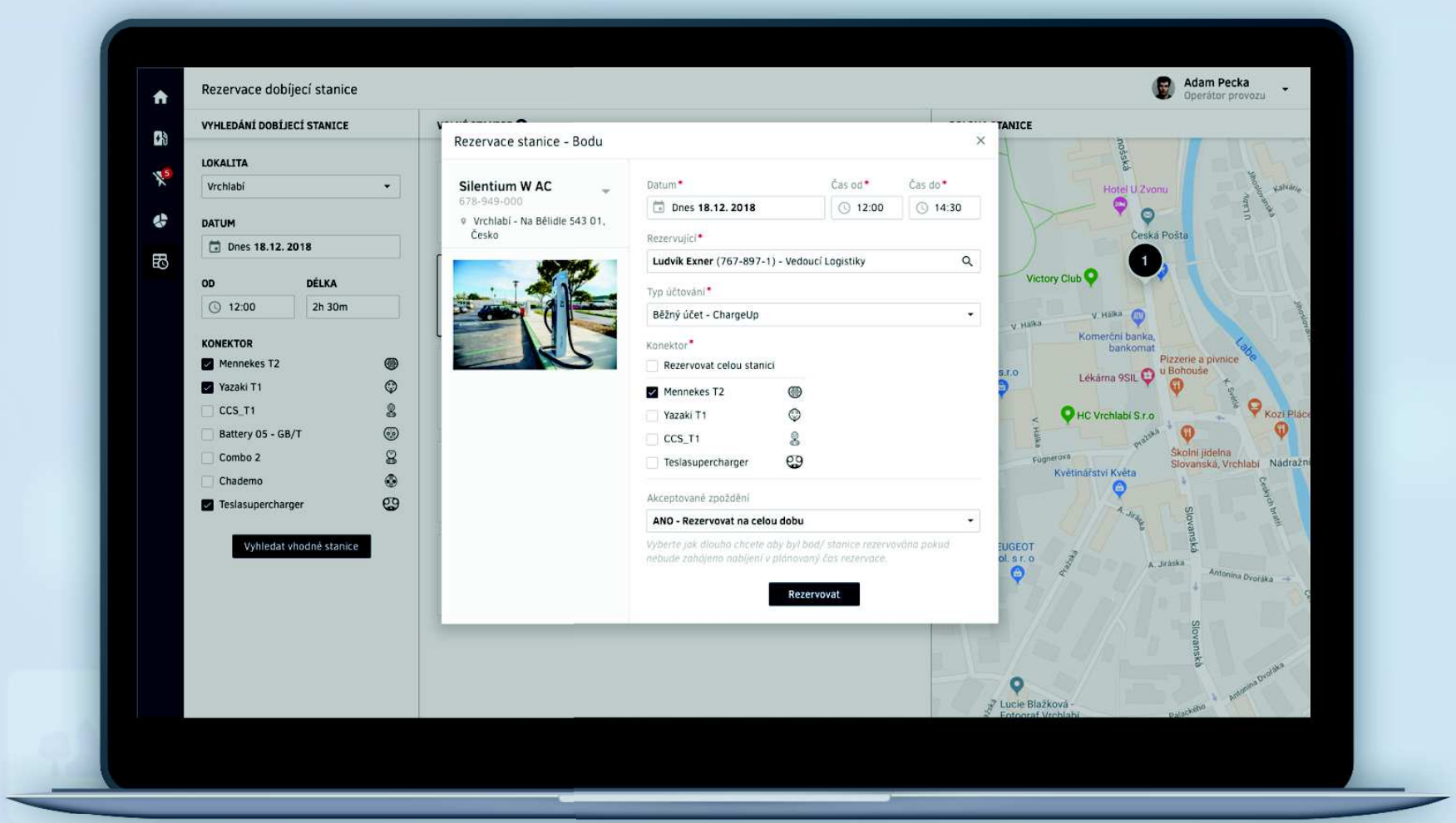
Reservation module



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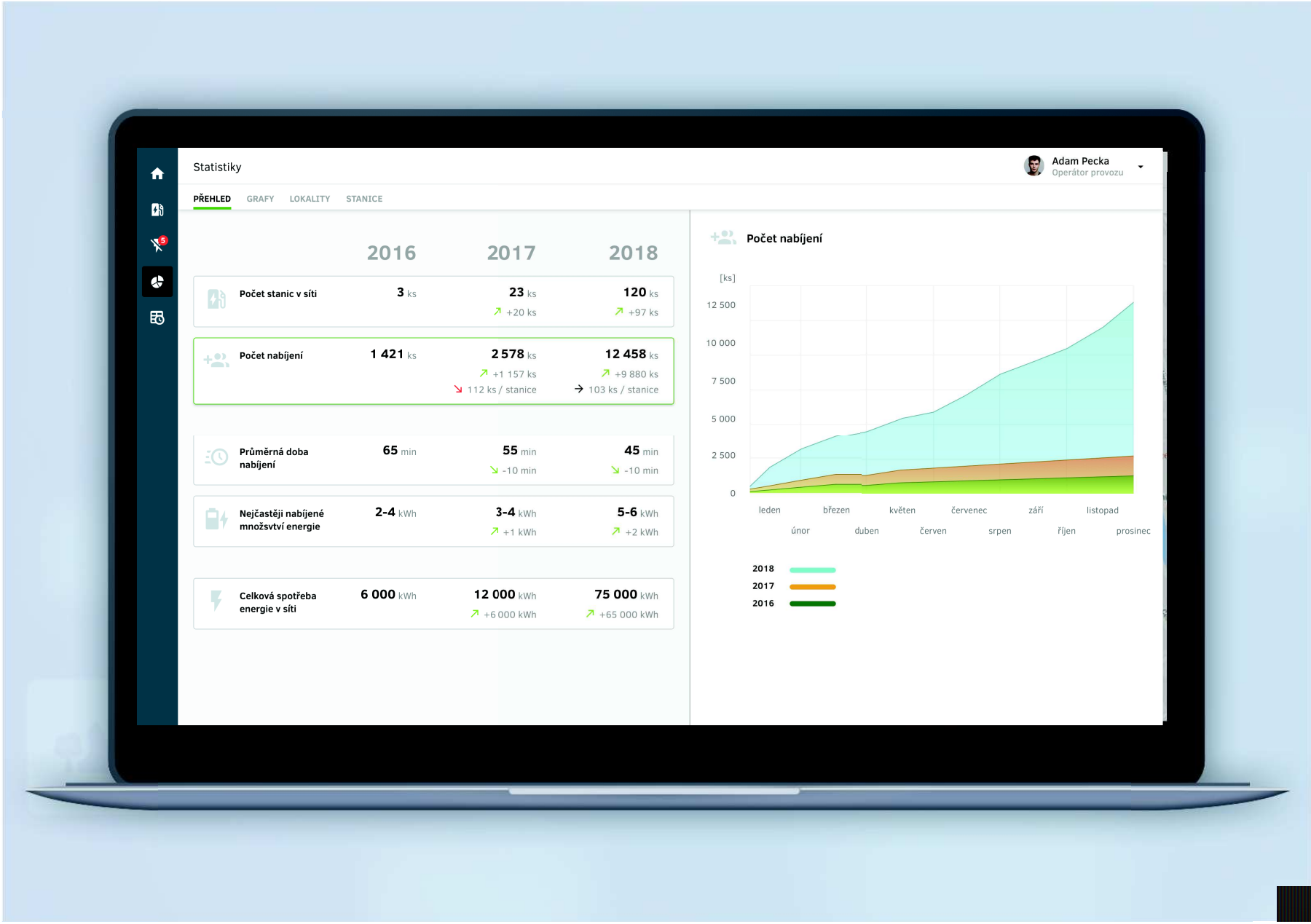
Reports & statistics



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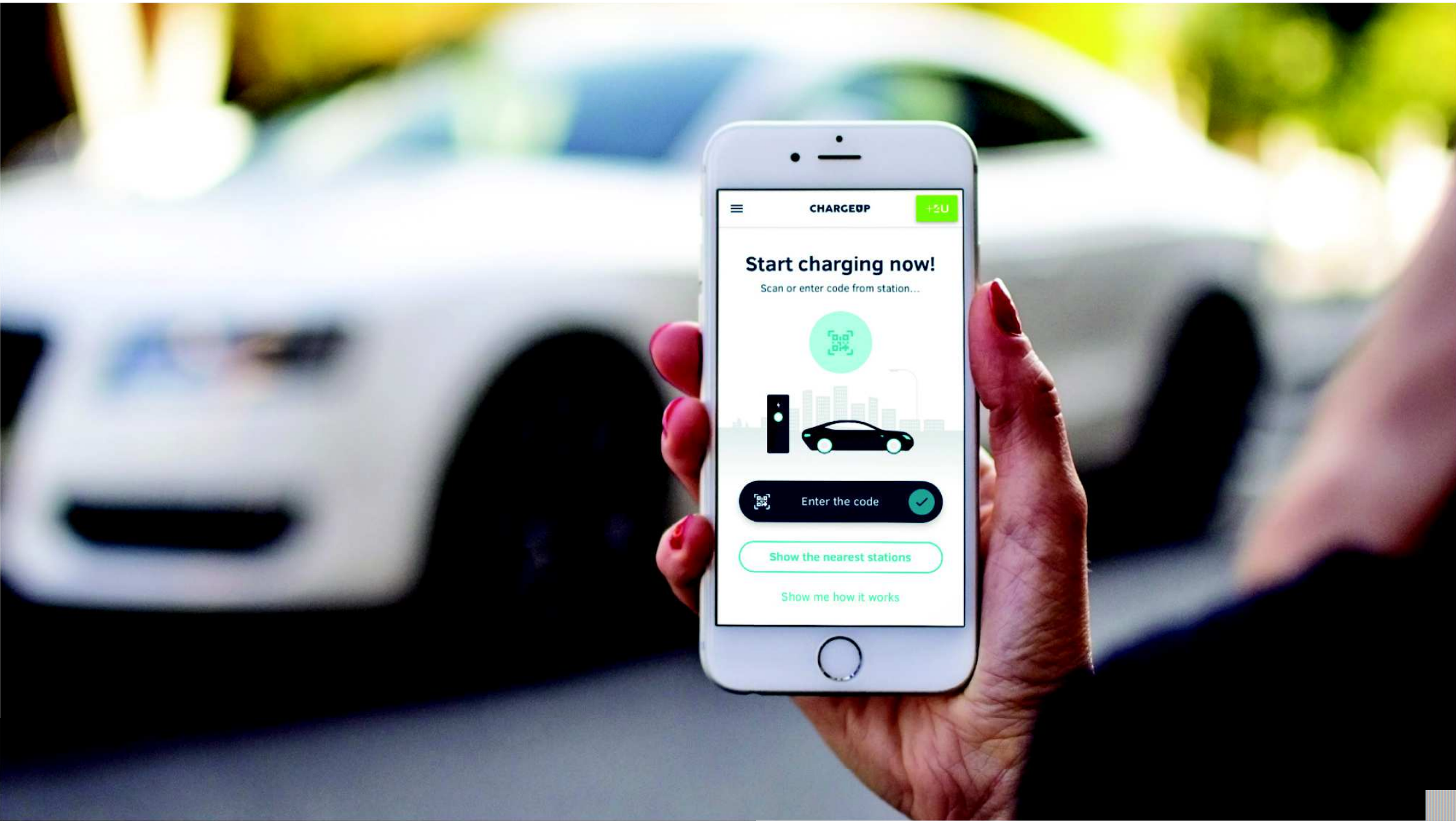
CHARGEUP
Start charging now!
Scan or enter code from station...
Enter the code
Show the nearest stations
Show me how it works

ChargeUp ESP

- Energy Service Provider (ESP)
- Application for EV drivers

“Easy-to-use app for searching of available charging station including consistent information about actual station status with possibility to make a reservation, charge the car and pay for it.”

- Key features
  - Modern app for EV drivers
  - Charging station map & navigation
  - Simple order flow
  - Possibility to charge with no registration
  - Multiple payments option
  - Order history for registered users
  - Provided as service

- **Connection charging infrastructure providers and EV drivers**

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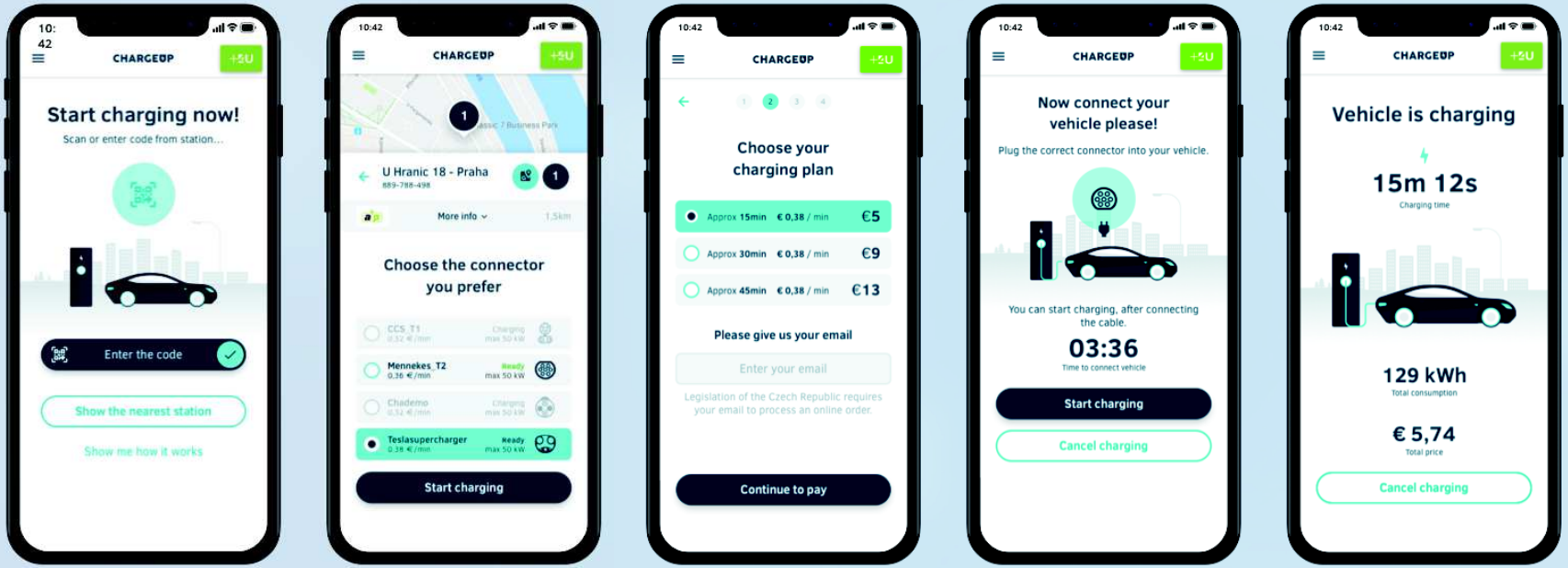
Simple flow



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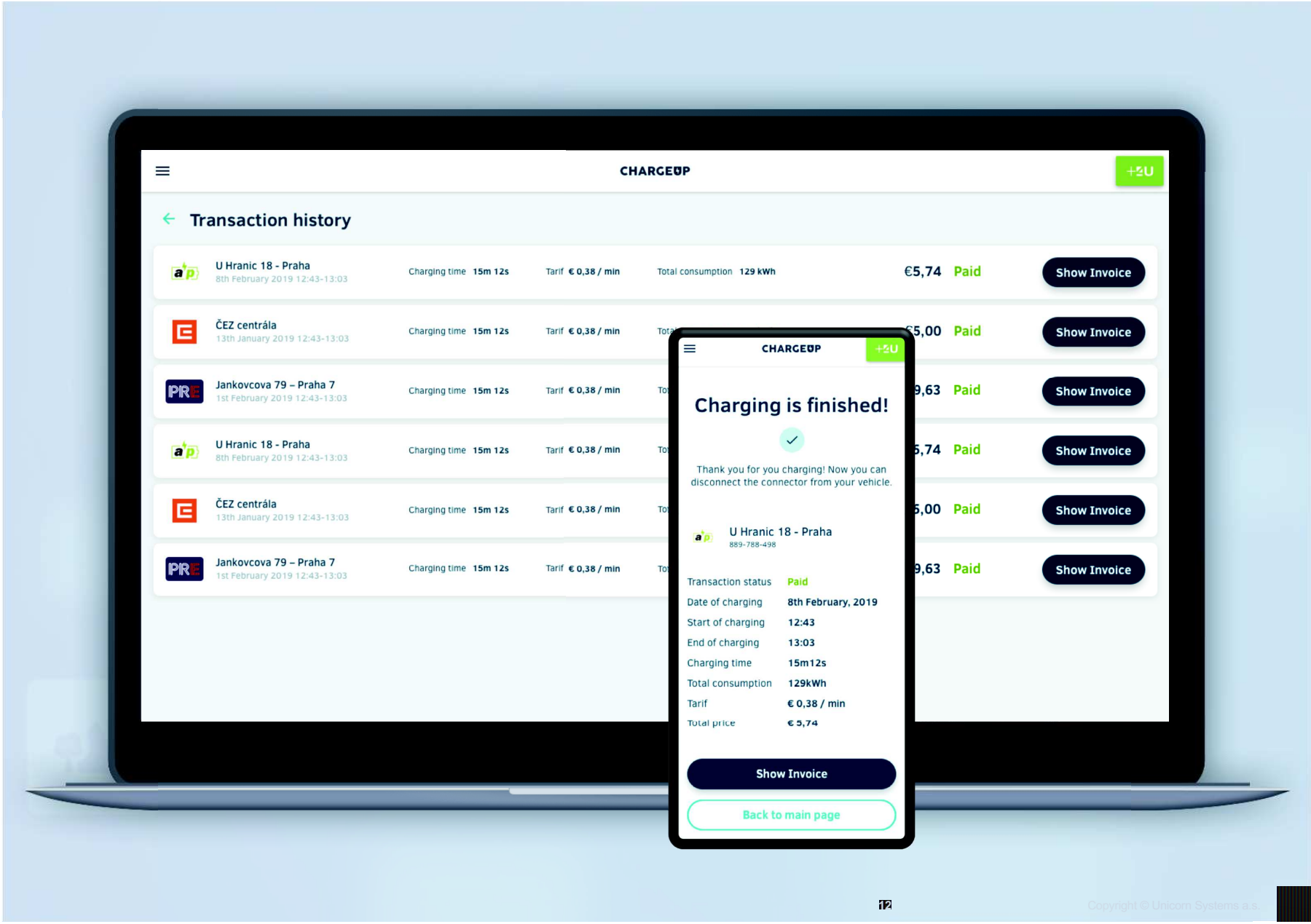
Order history



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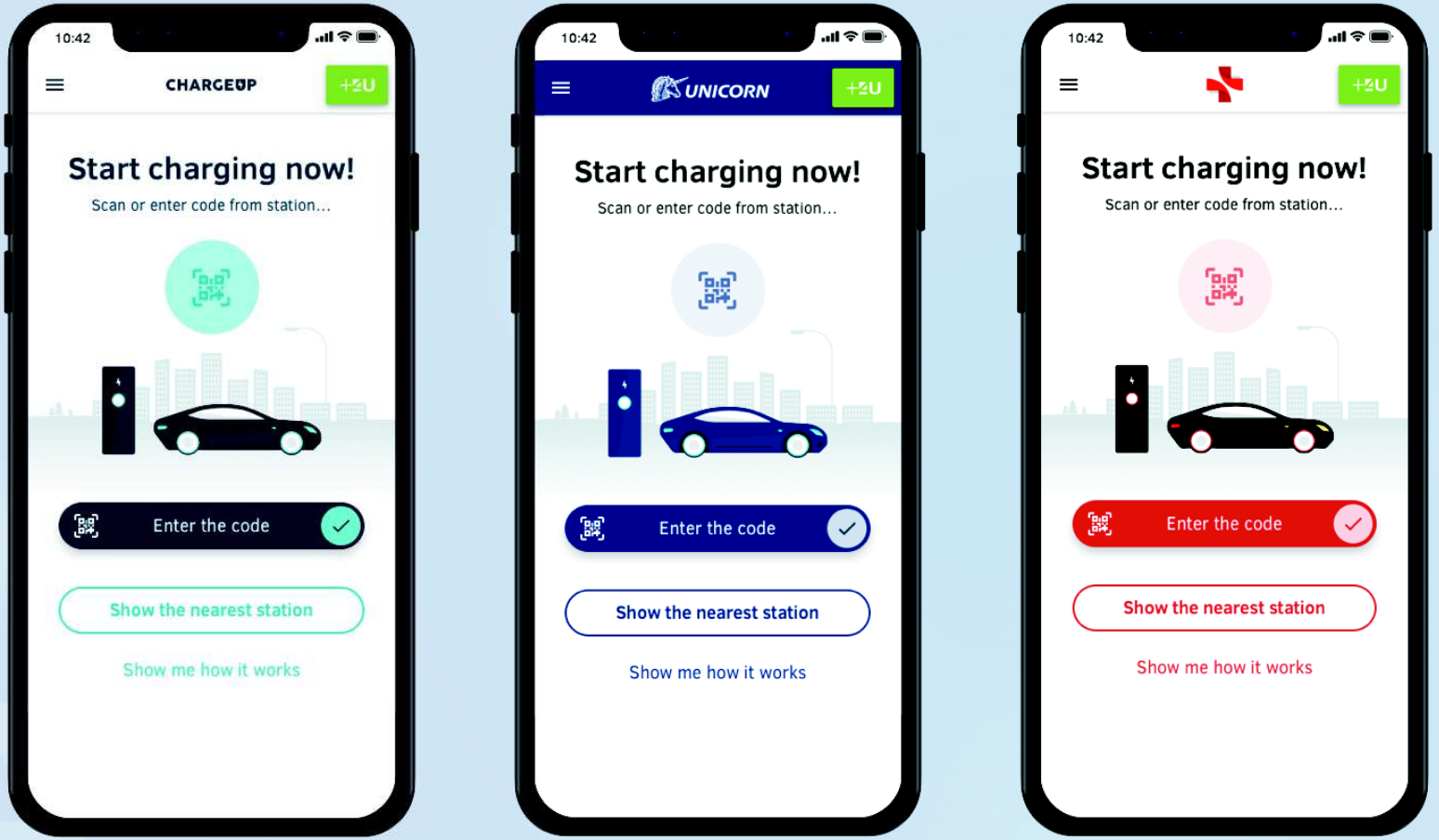
White labeling



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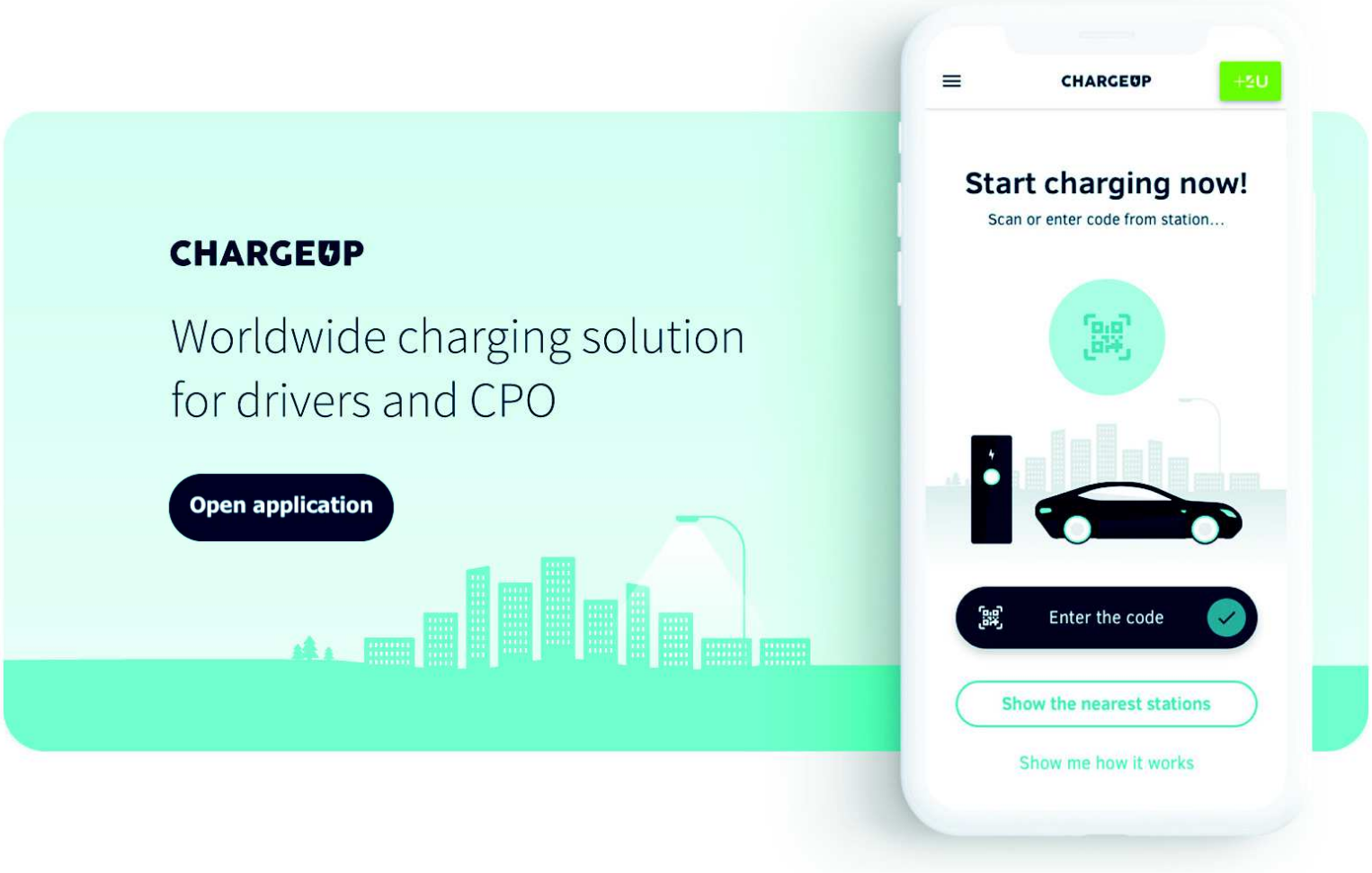
Live demo


CHARGEUP
Worldwide charging solution
for drivers and CPO
Open application
CHARGEUP
Start charging now!
Scan or enter code from station...
Enter the code
Show the nearest stations
Show me how it works

Thank You

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