

heliox

Powering a Cleaner Tomorrow



RFI Ruter

I tillegg til overnevnte bes det om at bevarelsen inkluderer følgende:

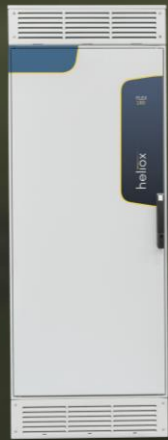
- Beskrivelse av hvilke prefabrikkerte løsninger dere har som kan passe for disse anleggene.
- Beskrivelse av laststyringsmulighet ved din løsning
- Omfang av grunnarbeider, fundamentering og/eller ladegalger
- Organisering gjennom ulike faser; (som omfatter alle disipliner; elektro-, bygg- og grunnarbeider); planlegging, prosjektering, bygging/etablering, og drift
- Kort beskrivelse av antall tilkoblingspunkters sammenheng med nett-tariffer, samt hvordan nett-tariffene påvirkes av lavspent vs høyspent tilkoblingspunkt
- For å inneha en høyspenningsanleggskonsesjon må operatøren utpeke en driftsleder som er ansvarlig for drift og vedlikehold av anlegget (FSE, § 6). Driftsleder skal være kvalifisert etter FEK, § 7 1. ledd. I deres svar bes det om en kort redegjørelse på hvordan bussoperatøren best kan løse disse kravene.
- Bekreftelse og gjerne dokumentasjon på at løsningen tilfredsstiller relevant forskrifter og standarder for høyspenningsanlegg som FEF, og NEK440

Vi legger følgende forutsetninger til grunn for anleggene til hjelp for deres besvarelse;

- Årlig energibehov pr buss ca. 125.000 kWh
- Brubakkveien 85 busser (25 ledd og 50 singel) o Årlig energibehov 10,8 GWh
- Klemetsrud 25 busser (5 ledd og 20 singel) o Årlig energiforbruk 3,2 GWh

Possible solutions

Alternative 1



180-360 kW

Flex Charger

Alternative 2

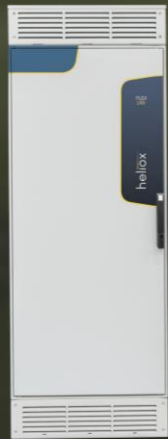


150 kW

Rapid CS Mobile Charger

Possible solutions

Alternative 1



180-360 kW

Flex Charger

Alternative 2



150 kW

Rapid CS Mobile Charger

180-360 kW

Flex Charger



Built to last
for 15+ years



Easily upgradable
for growing fleets

Charging Estimator Time to power up to 100km

180 kW Flex Charger

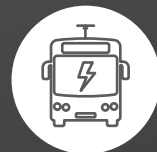


30 min



45 min

360 kW Flex Charger



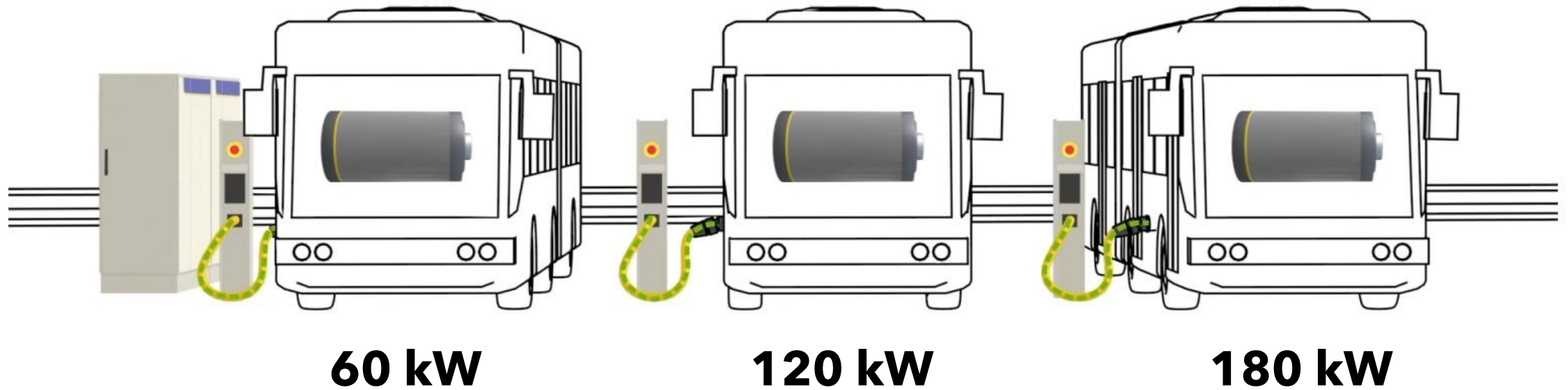
15 min










20 min

Full Dynamic

Charging multiple vehicles optimized for your fleet route at 60/120/180 kW of **variable power per vehicle**







Key benefits

-  Covering the complete CharIN High-Power Charging (HPC) voltage, power and current range
- 
-  Only company to offer sequential charging
- 
-  Support services & back-office systems
- 
-  Producing zero emissions



Industry's

-  Quietest charging system
-  Highest efficiency of 95.5%
-  Highest interoperability
-  Highest component reliability & system redundancy



Why is the 180 kW
Flex Charge System™
**an ideal solution
for your business?**



Future-proof



Flexibility



Easy
maintenance

The Flex Charge System™ is compatible with any plug interface



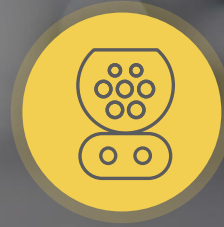
Contact Hood



Inverted Pantograph



Dispenser Column



Internal Dispenser

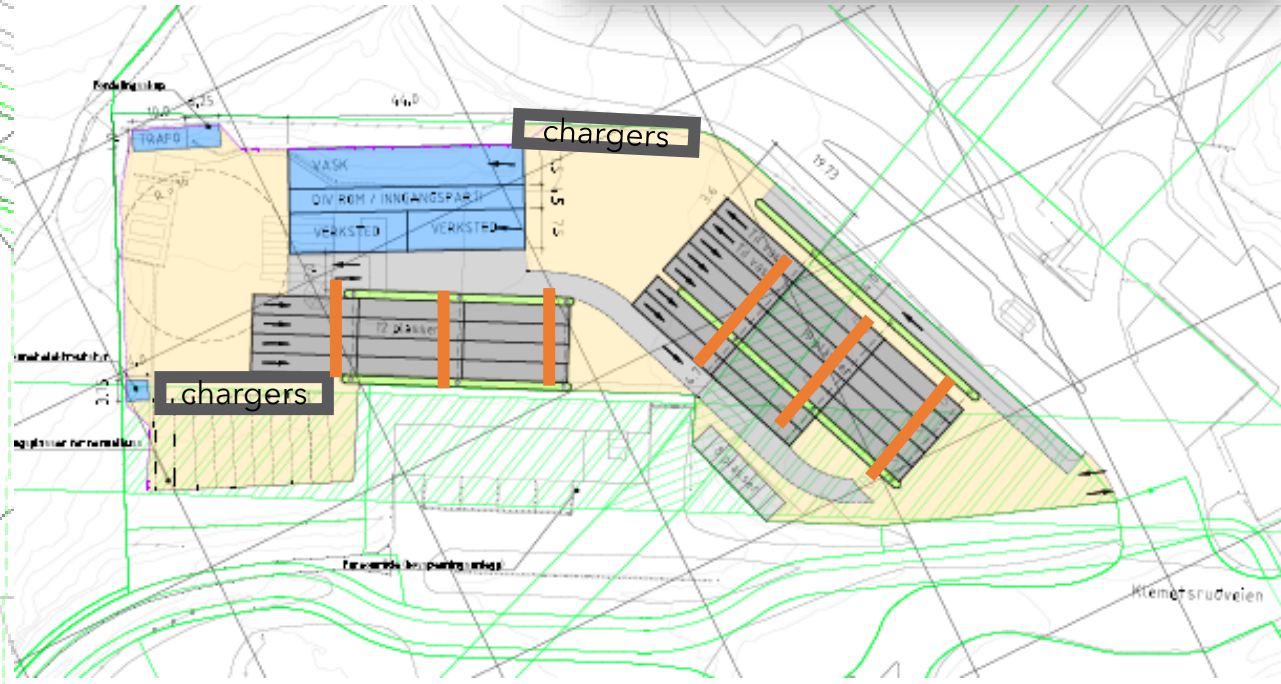
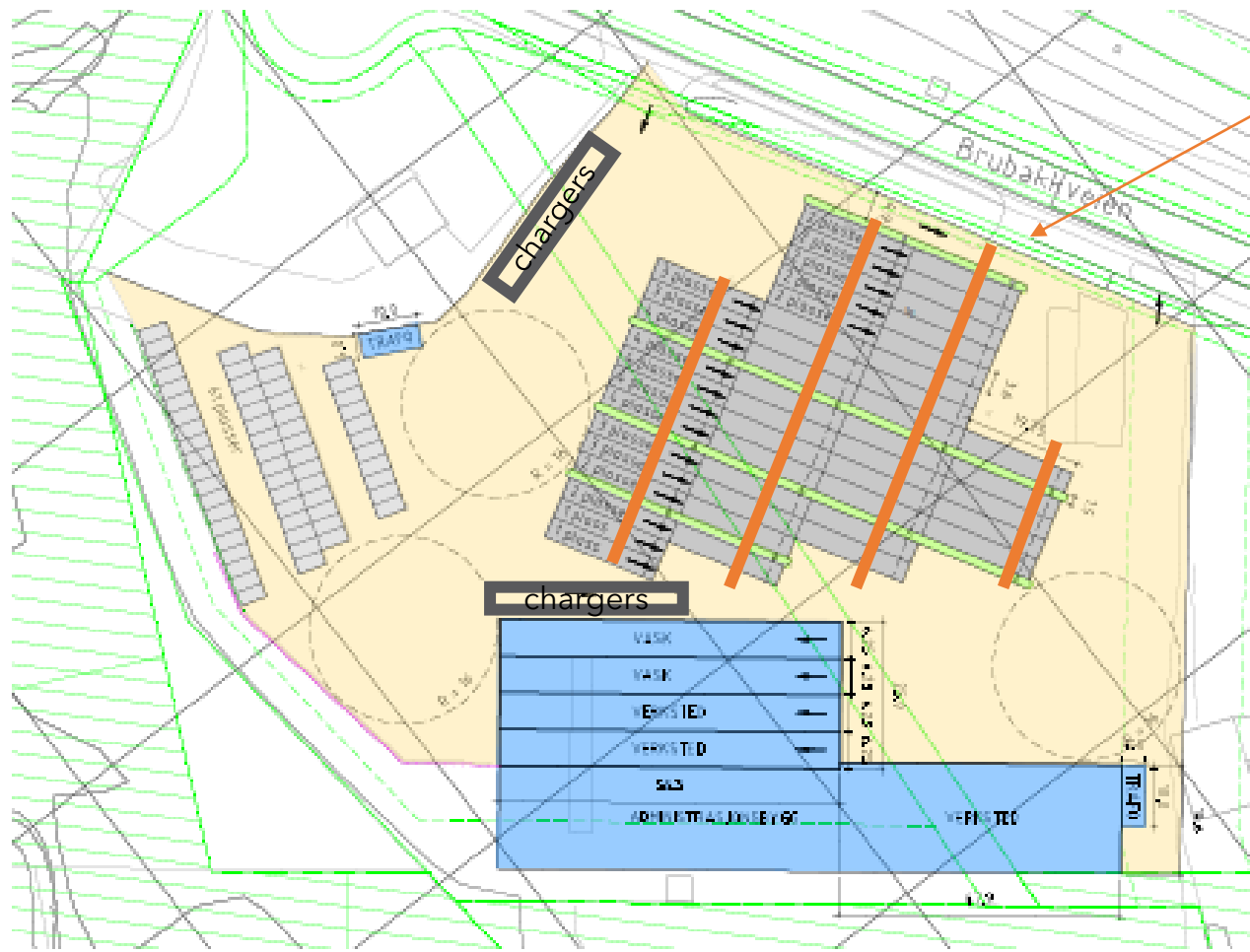
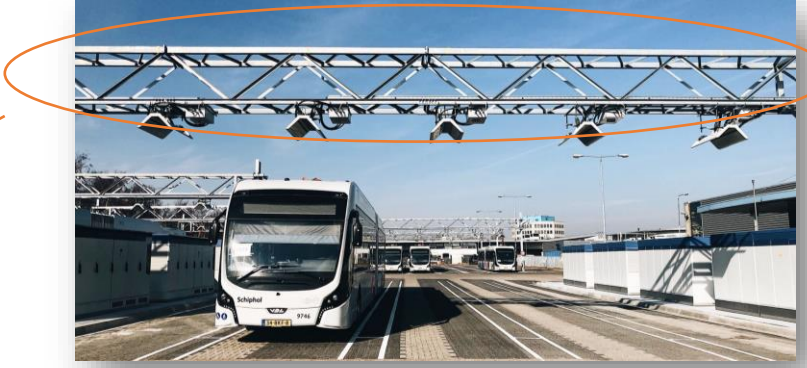


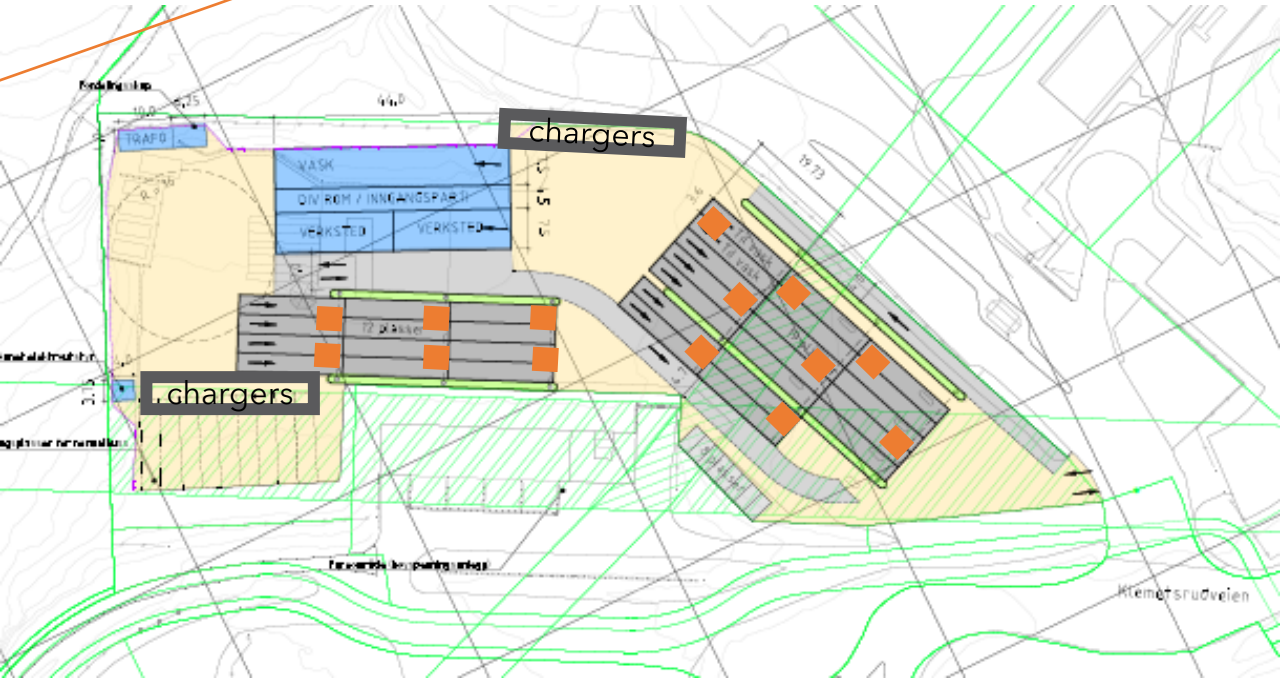
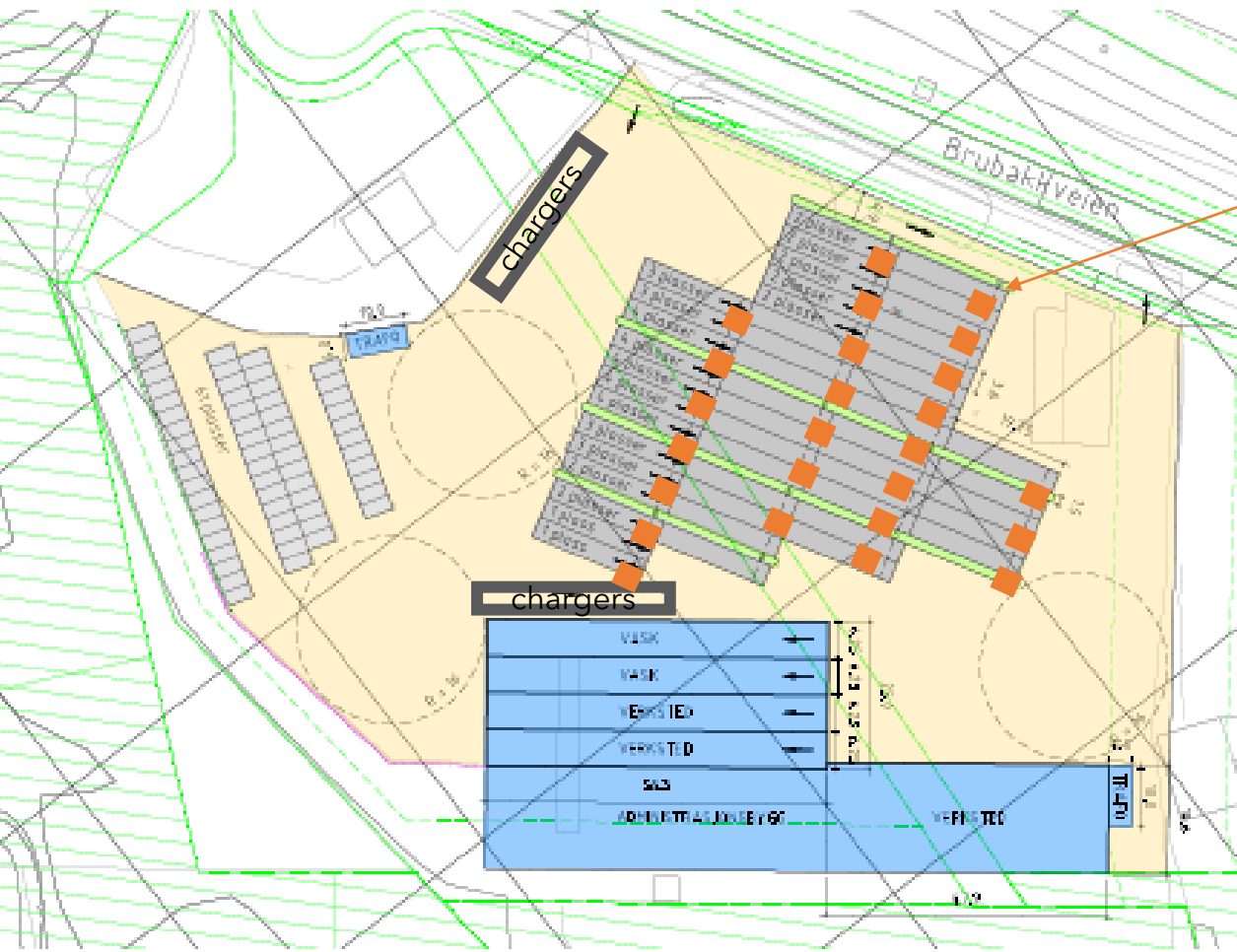
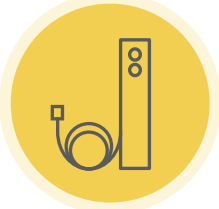
Dispenser Cabinet

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FAST DC

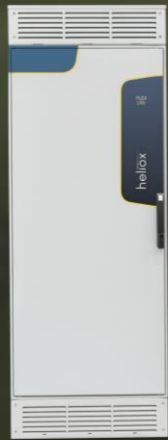
2x30





Possible solutions

Alternative 1



180-360 kW

Flex Charger

Alternative 2



150 kW

Rapid CS Mobile Charger

150 kW

Rapid Modular Charger



Ease of use with a touchscreen and a simple tap payment terminal → **allows for public access of third parties**



Excellent serviceability - one person can easily upgrade the modules

Charging Estimator

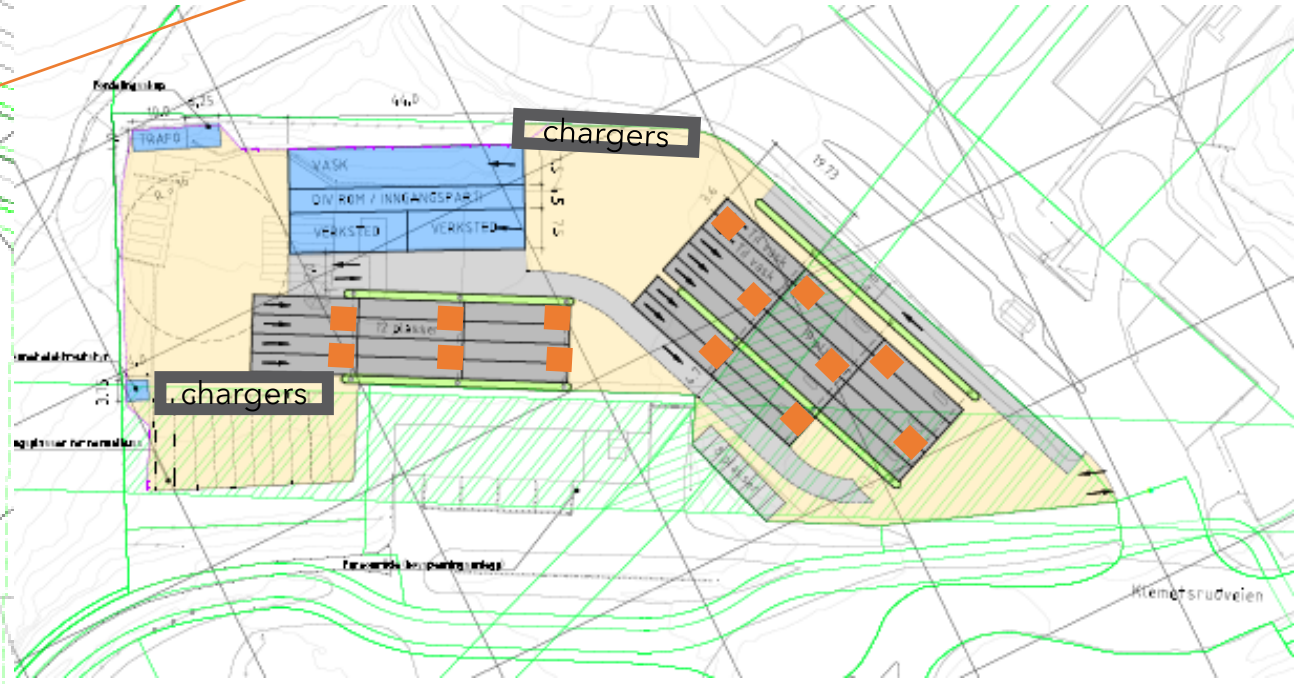
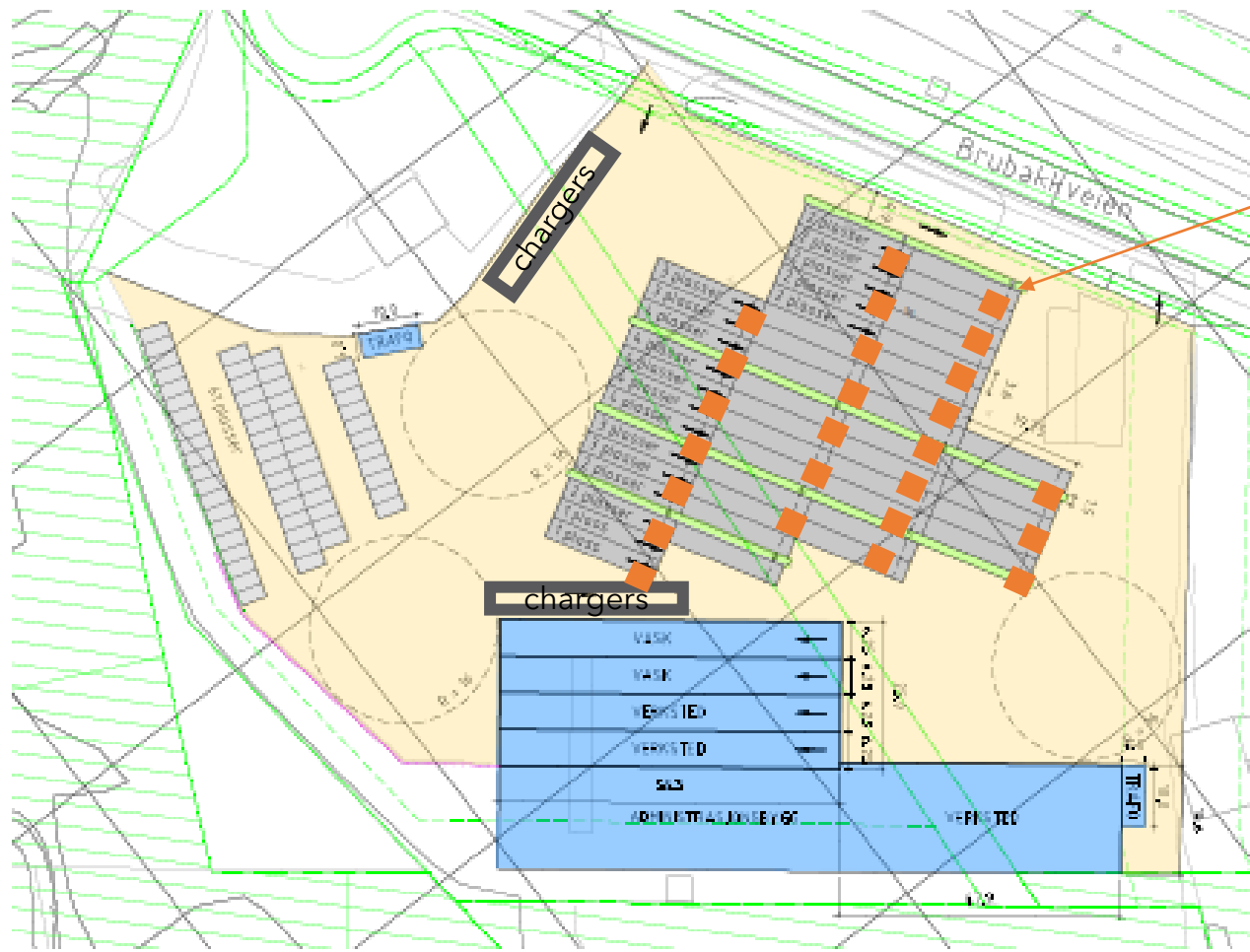
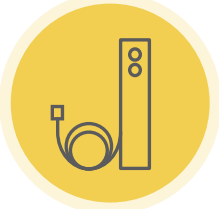
Time to power up to 100km



55 min



8 min





Back office

Turn key solutions

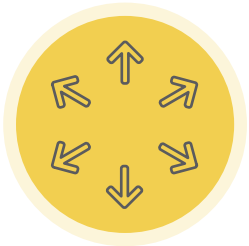
Chargesight

Your charging operations at your fingertips



Monitoring & Alerts

Reports with actionable insights



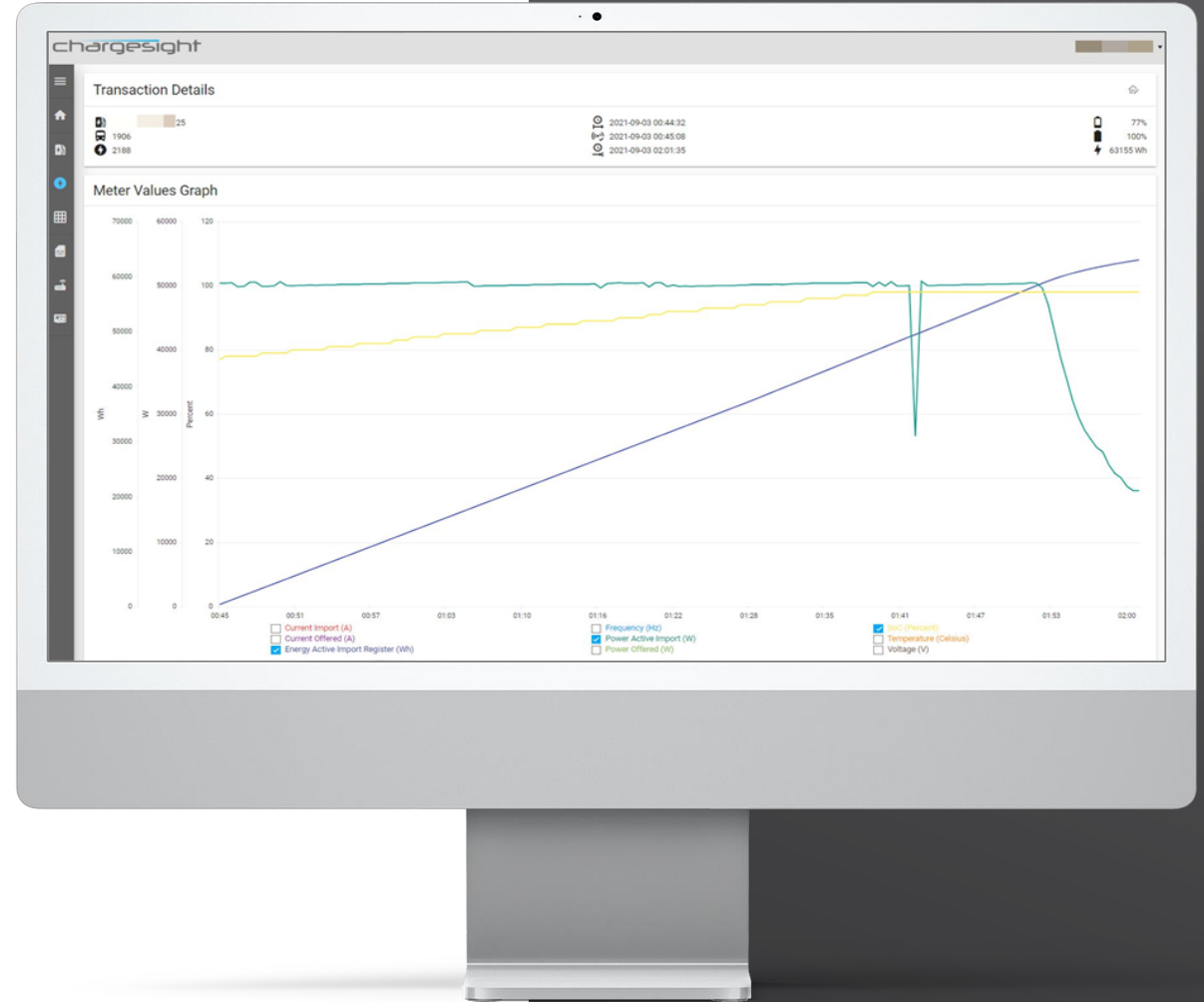
Load management

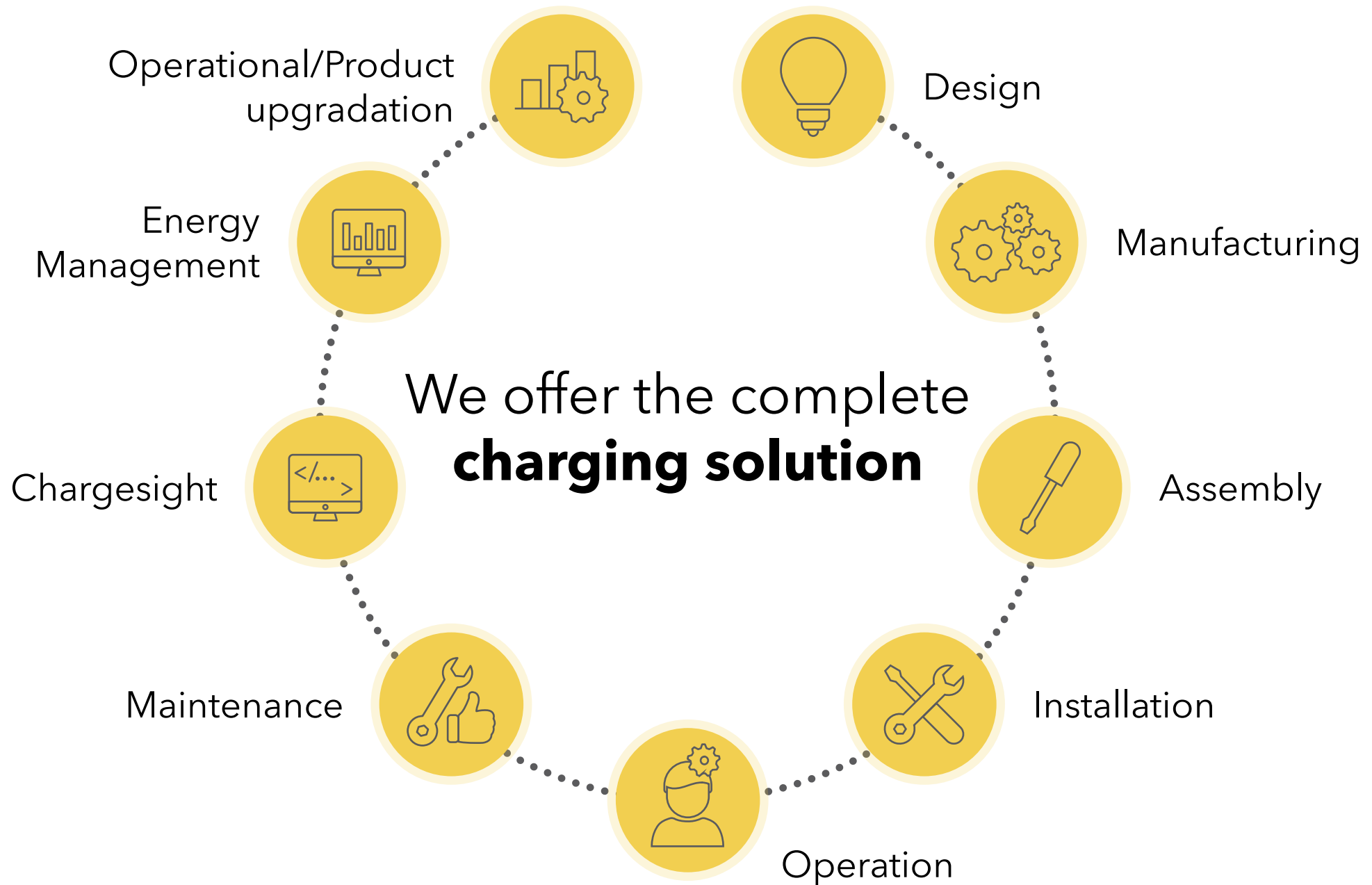
Control the distribution



Energy management

Optimise charging to lower costs







Interoperability

is secured within all major vehicle manufacturers



Customer support

is on hand 24 hours a day,
7 days a week



Real-time monitoring

operating on 24/7 basis ensures
optimized charging efficiency



99.98%
reliability



ISO 9001
certified



Made in EU

Future-proof e-Mobility Solutions

Eric Van Gysel

Business Development Manager

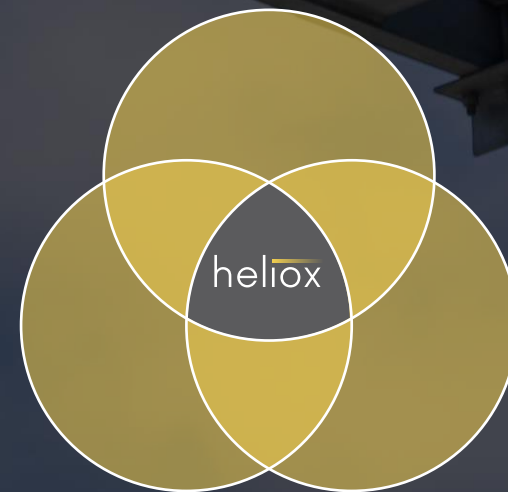
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**Experience
and expertise**