

CURRENT[®]

**MANAGE, BUILD AND GROW
YOUR EV CHARGING BUSINESS
WITH CURRENT**

Next level charging

Member of Open
Charge Alliance



Overview

About

Our Expertise

Use Cases

Our Process



Overview

CURRENT is a technology company. We provide enterprise customers with a vendor-independent EV Charge Point Management System. Our cloud-based software is a complete all-in-one solution for businesses looking to manage their EV charging infrastructure using the latest energy management technology.

Together with our partners and B2B customers, we are accelerating the transition to clean energy and electrification of mobility, and we are proud to help.

Solutions **by** role

Charge Point Operators



[Learn more](#)

Electric Mobility Service Providers



[Learn more](#)

Charge Point Installers



[Learn more](#)

Charge Point Manufacturers



[Learn more](#)

Solutions **by** opportunity



EV Charging Scenarios

Home, workplace and commercial destination charging

[Use cases](#)

We are CURRENT

Charging Electric Vehicles with smart technology. That's what we do!

SMART CHARGING OF EV'S - ANYTIME AND ANYWHERE FOR EVERYONE

We have been developing all-in-one solutions for e-mobility and smart energy management since 2013. Enterprise customers enjoy access to a market leading solution for managing, growing, and operating their EV charging businesses.

A FEW NUMBERS ON YOUR ACHIEVEMENTS:

12.500+ Charge Points	14.2M+ Kg CO ₂ saved	1.000.000+ Transactions
45.000+ End-users	1.9M+ Charging sessions	28M+ kWh provided

- Overview
- About**
- Our Expertise
- Use Cases
- Our Process

ALL ESSENTIAL TOOLS GATHERED IN A UNIFIED, DUAL MARKETPLACE SOLUTION

40+ COMPATIBLE CHARGING AC & DC HARDWARE BRANDS

SIGNIFICANT BENEFITS FOR CLIENTS

1 Operations Management

2 Pricing & Billing Management

3 EV Driver Tools

4 Energy Management

- LIGHTNING-FAST TIME TO MARKET
- DELIVER A GREAT CUSTOMER EXPERIENCE WITH OWN BRANDING
- SCALABLE AND FUTURE-PROOF WITH LEADING OPEN STANDARDS
- TAILORMADE TO FIT YOUR BUSINESS WITH API INTEGRATIONS
- MONETISE, SECURE HIGH RETURNS AND LOW TOTAL COST OF OWNERSHIP
- OPTIMISE GRID OVERLOAD WITH USE OF SMART TECHNOLOGIES

SELECTION OF CLIENTS



Product overview (1 / 4)

Operate and manage charging stations with ease, limitless network scale-up opportunities along with EV market growth



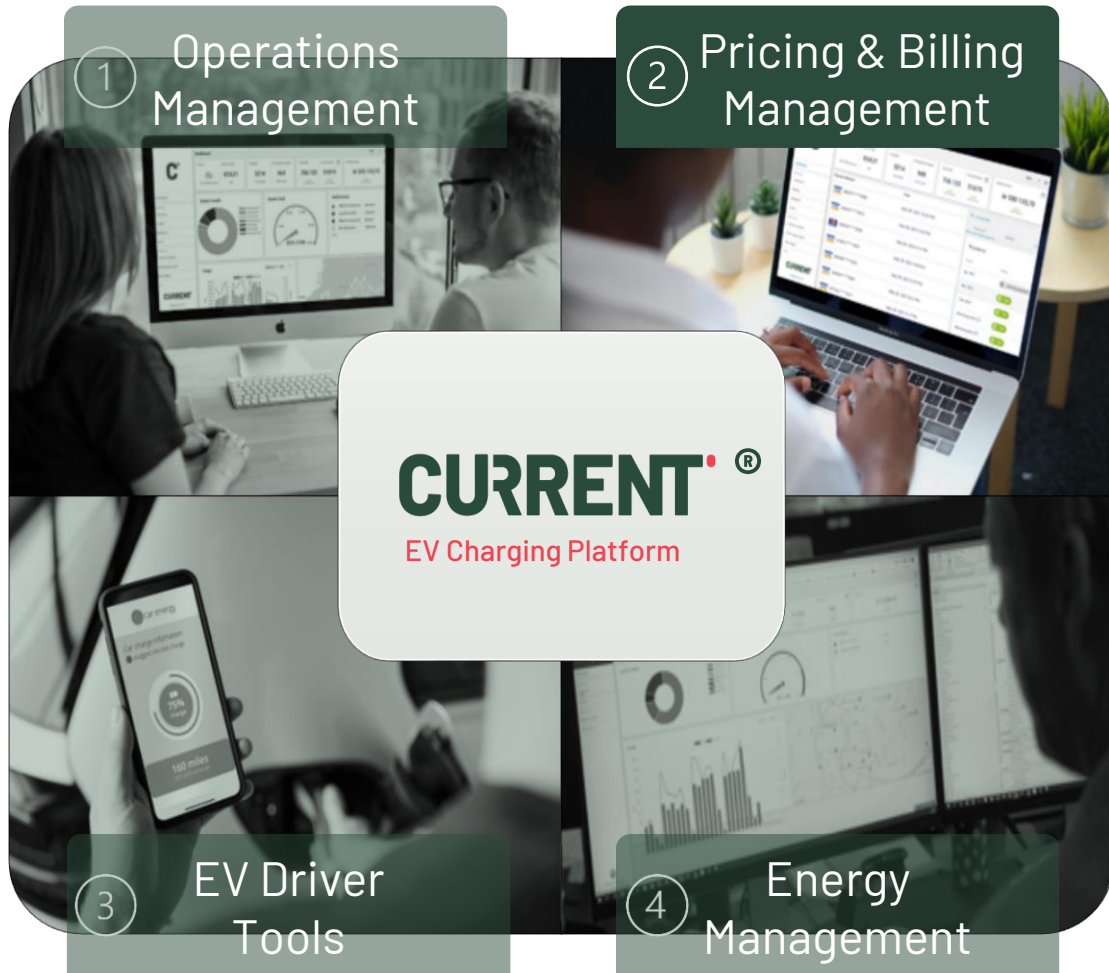
1 Optimizing operations:

- Remotely managing and customizing charging station features
- Managing station health and access rules (private/public)
- Set access rules and terms of use for different groups of users and manage user accounts
- Integrated APIs and support for other networks, including roaming*
- Flexible hardware through Open Charge Point Protocol (OCPP) and industry standards

* Roaming: Support for internal roaming and external based on OCPI in development

Product overview (2 / 4)

Intelligent and advanced payments and billing options to secure business flexibility, monetization and ROI



② Manage pricing and billing:

- Customization of billing settings and advanced pricing plans options
- Support for multiple payment options - credit cards, PayPal, SMS, etc
- Monthly settlement of charging revenues to the location owner
- Unique handling of additional product and service invoicing through the platform
- Reporting and real-time dashboards
- Multi-currency support*

* Currency: continuously developing support when onboarding clients from various countries

Product overview (3 / 4)

User-friendly apps for the EV driver, white label optional for all end-user services, increasing driver satisfaction and loyalty

① Operations Management

② Pricing & Billing Management

CURRENT®
EV Charging Platform

③ EV Driver Tools

④ Energy Management

③ Mobile and web apps:

- Mobile & web app white-label services
- Real-time availability for charger stations nearby
- Start and stop charging as they wish
- Branded receipts, support tickets, and more
- Choose from a variety of payment methods
- Extensive end-user management features
- Billing and transaction information in detail
- QR code support

Product overview (4 / 4)

Energy management using smart technologies, turning energy challenges into solutions and opportunities

① Operations Management

② Pricing & Billing Management

CURRENT®
EV Charging Platform

③ EV Driver Tools

④ Energy Management

④ **Energy management :**

- Monitor and display energy usage in real-time
- Static Load Management: Manage static loads to prevent fuse breakage
- Dynamic Load Management: Manage charging capacity, queuing systems, and operate power reductions periodically
- Peak Power Control: Automatically adjusts power to achieve maximum efficiency
- Vehicle-to-Grid (V2G): dynamic energy distribution to and from the grid

Continuous focus on innovation and development

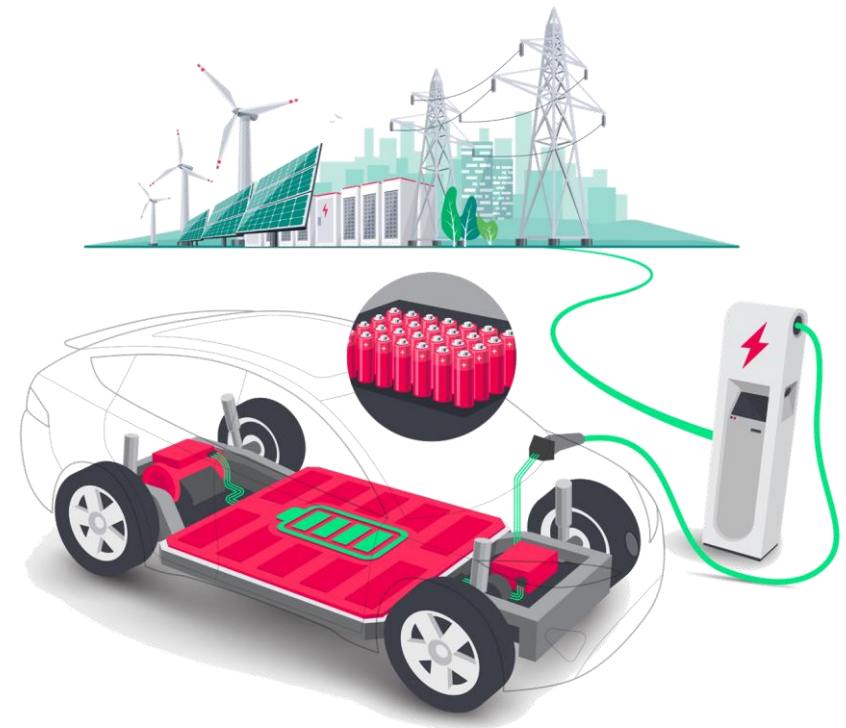
– Research project proving V2G technology with Nissan cars

In order to stay ahead of the market and customer demands, as well as develop ourselves as a company, continuous product innovation is in our DNA. V2G technology research project is one of many examples.

CURRENT EV Charging Platform transfers energy from Nissan Leafs back to the grid in cooperation with Nissan, Statsbygg, Sintef and Multiconsult.

This is Scandinavia's first vehicle-to-grid project, and was opened by the Norwegian Minister of Climate & Environment (Nov. 2019)

V2G technology is still in its infancy awaiting industry standardization (ISO15118-20 support on EV- and chargers)



Multiconsult



STATSBYGG





CURRENT
Next level charging

Total control in one customizable platform

Our platform is designed to manage your charge point network, fleet operation, residential (MUD)/commercial building chargers, and installer/maintenance, ev driver relationships, prices & access, power limitations and optimization, and more, *whether you want to use our platform or leverage our API and developer tools to build your own.*

Unparalleled smart energy management

Dynamically distribute energy between the power source (fleet depots, residential/commercial buildings), and vehicles to help reduce the strain during peak durations.

Complete billing, payment and payout solution

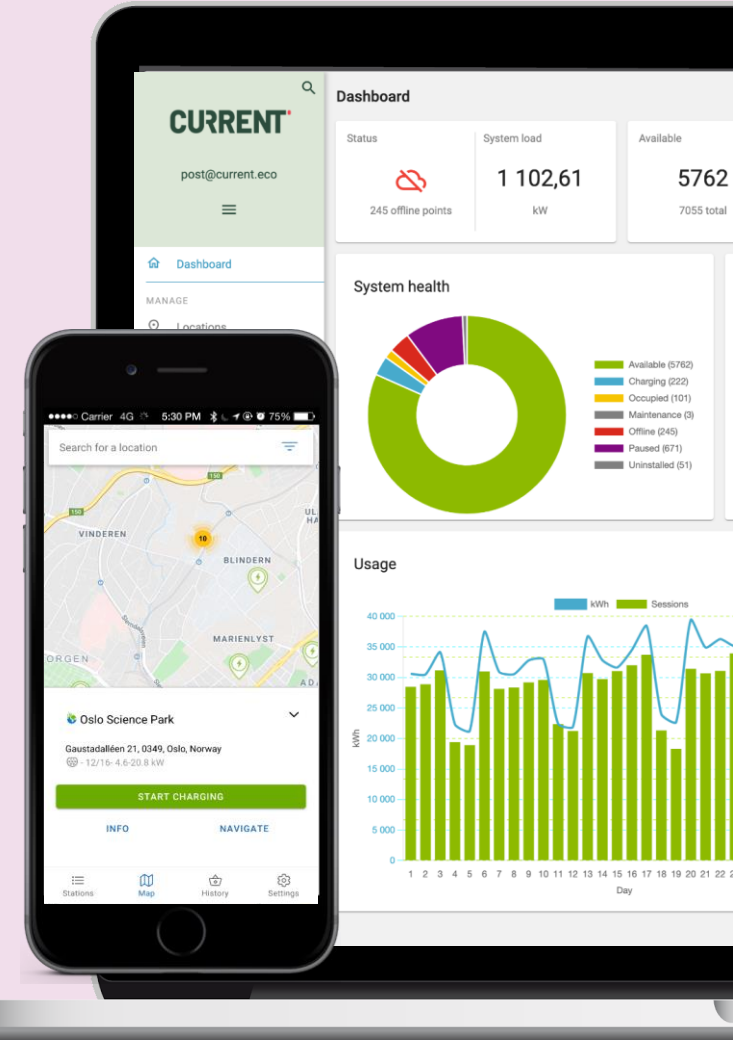
Improve your offerings – and your profit margins – with more pricing capabilities, designed to give you flexibility for all commercial scenarios, and helping you maximise your revenue from your ev charging operation.

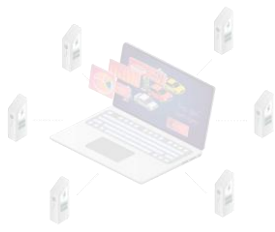
Infinite scalability and global reliability

Grow your partnerships with ease, with a distributed cloud-based infrastructure and average 99.95% system uptime, together with our responsive customer service team providing all the support (1st and/or 2nd line support, 24/7) at your fingertips. There is no limit to how far you can scale your business – without having to worry about downtime along the way.

MANAGE YOUR CHARGE POINTS ALL IN ONE PLACE

Our fully customisable platform for charge point operation is designed to save you time and money by effectively managing your charge points, fleet depots and residential/commercial buildings, invoices and payouts, and more – all in one place!





Total control in one customizable platform

Our platform is designed to manage your charge point network, fleet operation, residential (MUD)/commercial building chargers, and installer/maintenance, ev driver relationships, prices & access, power limitations and optimization, and more, whether you want to use our platform or leverage our API and developer tools to build your own.



Unparalleled smart energy management

Dynamically distribute energy between the power source (fleet depots, residential/commercial buildings), and vehicles to help reduce the strain during peak durations.



Complete billing, payment and payout solution

Improve your offerings – and your profit margins – with more pricing capabilities, designed to give you flexibility for all commercial scenarios, and helping you maximise your revenue from your ev charging operation.



Infinite scalability and global reliability

Grow your partnerships with ease, with a distributed cloud-based infrastructure and average 99.95% system uptime, together with our responsive customer service team providing all the support (1st and/or 2nd line support, 24/7) at your fingertips. There is no limit to how far you can scale your business – without having to worry about downtime along the way.

SMART ENERGY MANAGEMENT

Our energy management tools help ensure that the charging load of each station is controlled so you never have to worry about overloading the grid:

Monitor and display
energy usage in real-time

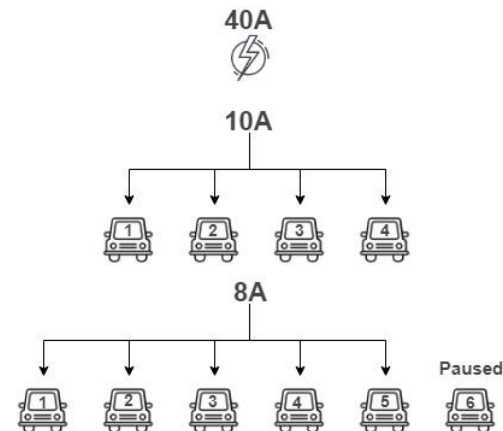
Static Load Management:
Manage static loads to prevent fuse breakage

Peak Power Control:
Automatically adjusts power to achieve maximum efficiency

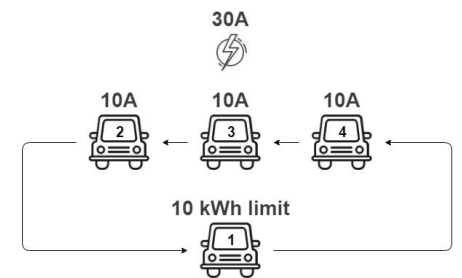
Dynamic Load Management:
Manage charging capacity, queuing systems, and operate power reductions periodically

Vehicle-to-Grid (V2G):
dynamic energy distribution to and from the grid

First come, first served



kWh limit



Total control in one customizable platform

Our platform is designed to manage your charge point network, fleet operation, residential (MUD)/commercial building chargers, and installer/maintenance, ev driver relationships, prices & access, power limitations and optimization, and more, whether you want to use our platform or leverage our API and developer tools to build your own.

Unparalleled smart energy management

Dynamically distribute energy between the power source (fleet depots, residential/commercial buildings), and vehicles to help reduce the strain during peak durations.

Complete billing, payment and payout solution

Improve your offerings – and your profit margins – with more pricing capabilities, designed to give you flexibility for all commercial scenarios, and helping you maximise your revenue from your ev charging operation.

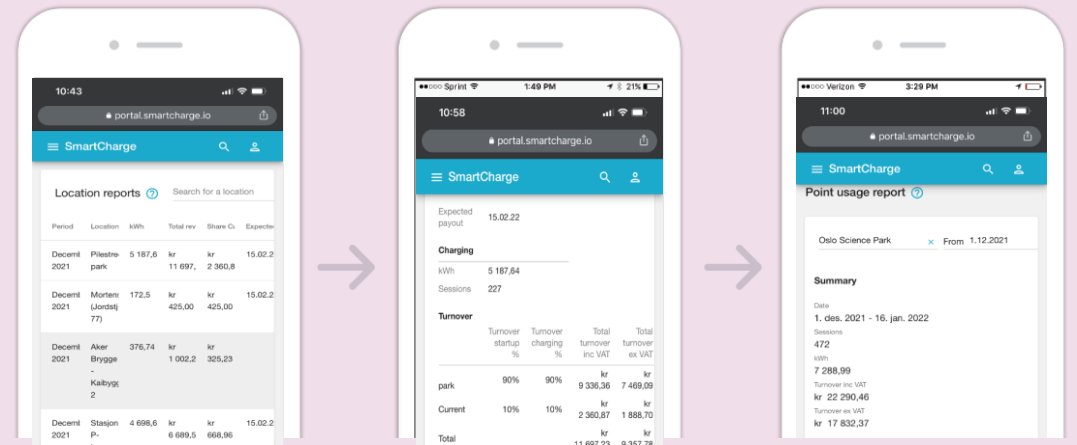
Infinite scalability and global reliability

Grow your partnerships with ease, with a distributed cloud-based infrastructure and average 99.95% system uptime, together with our responsive customer service team providing all the support (1st and/or 2nd line support, 24/7) at your fingertips. There is no limit to how far you can scale your business – without having to worry about downtime along the way.

AUTOMATE YOUR BILLING AND INVOICES SO YOU DON'T HAVE TO!

Improve your charging time and profit margins with our fully-automated payment solution, sophisticated payout and invoicing technology.

Our SaaS platform provides you with real-time visibility into your charging sessions performances to help you **manage your charging revenue, access valuable insights, and make smarter decisions based on actionable data.**



Measure charging behavior at every location and charging point in real time.

Accurately track and analyze charging usage by; driver sessions, locations, kWh, efficiency, revenue, profit and expected payment date..

Total control in one customizable platform

Our platform is designed to manage your charge point network, fleet operation, residential (MUD)/commercial building chargers, and installer/maintenance, ev driver relationships, prices & access, power limitations and optimization, and more, whether you want to use our platform or leverage our API and developer tools to build your own.

Unparalleled smart energy management

Dynamically distribute energy between the power source (fleet depots, residential/commercial buildings), and vehicles to help reduce the strain during peak durations.

Complete billing, payment and payout solution

Improve your offerings – and your profit margins – with more pricing capabilities, designed to give you flexibility for all commercial scenarios, and helping you maximise your revenue from your ev charging operation.

Infinite scalability and global reliability

Grow your partnerships with ease, with a distributed cloud-based infrastructure and average 99.95% system uptime, together with our responsive customer service team providing all the support (1st and/or 2nd line support, 24/7) at your fingertips. There is no limit to how far you can scale your business – without having to worry about downtime along the way.

Easy to use technology backed by unparalleled support

We're from Norway – We get it, the ev charging industry is just as complicated as keeping up to date with all the latest government regulations and charging standards.



"Within a few weeks, we were able to install several EV charging stations using the CURRENT platform. As a result, we can now offer a complete charging solution for the smart grid of the future and grow our network."

Christian Aakermann, CEO, Hurum Kraft AS

«It was crucial to us that CURRENT offers a hardware-agnostic solution choosing amongst certified charging boxes freely – an important future-proofing for our Ladesmart product in Fjordkraft.»

Torfinn Fæste-Belbo, Product manager e-mobility, Fjordkraft AS



GLOBAL 24/7
SUPPORT



98% CUSTOMER
SATISFACTION RATE



ONLINE TRAINING
WEBINARS

TURNKEY SOLUTION FOR ANY EV CHARGING INFRASTRUCTURE

CURRENT®
EV Charging Platform

for Charge Point Operators (CPO)
for e-Mobility Service Providers (e-MSP)
for fleet owners, grid- and power companies

We unleash the potential of energy with next-level charging solutions tailored to different business needs and ready for large-scale implementation:

- Charge Point Management System (CPMS) with significant value to all stakeholders in the value chain
- Hardware-agnostic through open industry standards, fully Open Charge Point Protocol (OCPP) certified by the Open Charge Alliance (OCA)
- Including end-consumer-facing App with custom branding

Technology bringing significant value and new vertical business opportunities:

- Load optimization locally and regionally
- Peak shaving and energy management
- Vehicle-to-grid (V2G) enabling sales of surplus energy back to the market
- Utilizing customer insights to develop a differentiated products through strong algorithms



Our Competitive Advantage

Strong and unique value proposition, coming from Norway - the most mature EV infrastructure market in the world

Overview

About

Our Expertise

Use Cases

Our Process



CURRENT has specialized in the AC market. Solving the specific issue of the domestic MUD, real estate charging market and destinations such as hotels and parking houses. Also, easily transferable to fleet operator businesses.



CURRENT is OCPP fully compliant and certified, supports multiple vendors and still are independent of the Hardware industry and energy industry. The neutral trusted party for everyone, open and future-proof.



Customer centricity is key in CURRENT, ensuring optimal customer and market value with our dual marketplace offering. In addition to the admin dashboard, it includes the end-consumer-facing interface, which is app-based with white-label custom branding as optional



Utilizing "the spinning reserve"
CURRENT can use AC chargers as a distributed energy resource for the CPO / DSO / TSO.

- Flexibility
- Congestion management
- Demand - Response

SMART CHARGING OF ELECTRIC VEHICLES - ANYTIME AND ANYWHERE FOR EVERYONE



European reach
HQ in Oslo

Use case: Residential Charging

Overview

About

Our Expertise

Use Cases

Our Process



Challenges

- Energy, peak management, payment, cost sharing, service & support**
- Uptime
 - Energy deliverance
 - Peak management
 - Costs
 - Transparency

- **High energy cost as a result of E-Mobility**
- **Complex and expensive solution for energy management**
- **Vendor lock when acquiring a charger**

Ideal Solution

- One stop shop solutions to manage E-Mobility and energy needs**
- Access management
 - Payment
 - Vendor independent
 - support

- SmartCharge empowers E-Mobility and ensures user-friendly transparent goals for the facility manager**
- Cost management
 - User management
 - Energy management
 - Service and support

Desired Outcomes

- An acquisition of an independent vendor, turn-key solution that can scale with the customer**
- Easy deployable
 - Transparency and fairness in cost allocations
 - Increases ROI on hardware investment
 - Low maintenance

- **Fair cost allocations between residents**
- **Improved ROI**
- **Reduced utility and service bill**
- **Increased customers satisfaction for their E-Mobility solution**



Use case: Workplace Charging

Overview

About

Our Expertise

Use Cases

Our Process



Challenges

Energy, peak management, payment, cost sharing, service & support.

Solutions uptime, energy deliverance, peak management and transparency.

- **High energy cost as a result of E-Mobility**
- **Complex and expensive solution for energy management**
- **Low user-friendliness for E-Mobility users**
- **Vendor lock when acquiring a charger**

Ideal Solution

One solutions that can managed their E-Mobility need

- Access management
- Availability management
- Payment
- Vendor independent
- Analytics support

SmartCharge empowers E-Mobility and ensures easy transparent solutions for the facility manager.

- Increases ROI on E-Mobility investment
- Reduced energy cost
- Reduced need for service & support

Desired Outcomes

An acquisition of an independent vendor, turn-key solution that can scale with the costumer.

- Easy deployable
- Increases ROI on hardware investment
- Low maintenance

- **Improved ROI**
- **Reduced utility and service bill**
- **Increased customers satisfaction for their E-Mobility solution**



Use case: Workplace Charging

Overview

About

Our Expertise

Use Cases

Our Process



Customer Case Real Estate: Mustad Eiendom - Lilleakerbyen

[Read more](#)

Use case: Destination Charging

- Overview
- About
- Our Expertise
- Use Cases**
- Our Process



Challenges

Energy, peak management, payment, cost sharing, service & support.
Solutions uptime, energy deliverance, peak management and transparency.
Price and access different for municipality users and private users

- **High energy cost as a result of E-Mobility**
- **Complex and expensive solution for energy management**
- **Low user-friendliness for EV users**
- **Vendor lock when acquiring a charger**

Ideal Solution

One solutions that can manage their E-Mobility need

- Access and availability management
- Emission reduction
- Payment
- Vendor independent
- Analytics support

SmartCharge empowers E-Mobility and ensures easy scalable solutions to reach the Municipalities goals

- ROI on investment
- Cost management
- User management
- Energy management
- Service and support

Desired Outcomes

An acquisition of a vendor independent, turn-key solution that can scale with the costumer.

- Easy deployable
- Increases ROI on hardware investment
- Low maintenance

- **Improved ROI**
- **Reduced utility and service bill**
- **Increased customers satisfaction for their E-Mobility solution**



Use case destination charging: Future-proof parking technology at Oslo airport

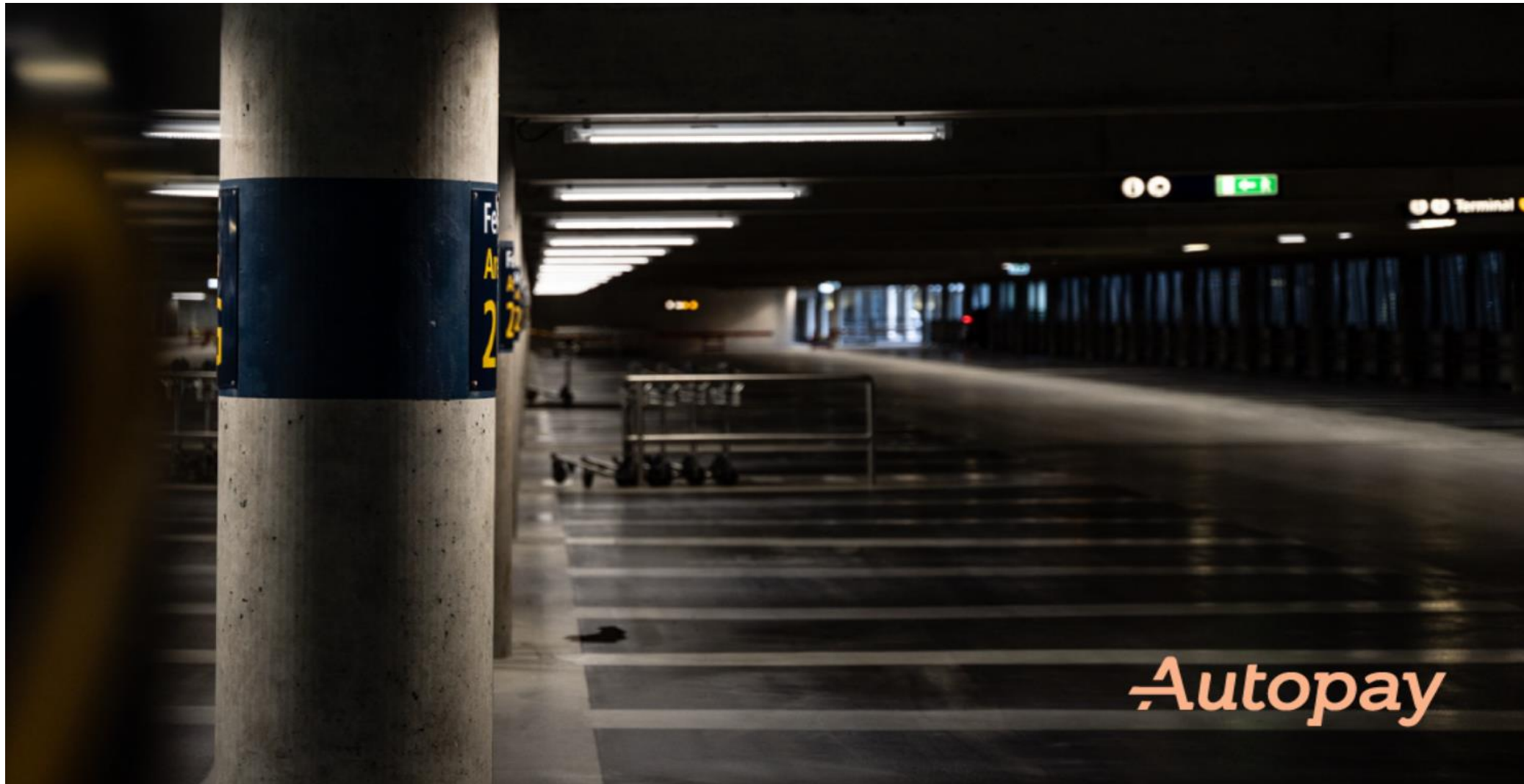
Overview

About

Our Expertise

Use Cases

Our Process



We will lead you into the future of EV charging launching your own network

Overview

About

Our Expertise

Use Cases

Our Process



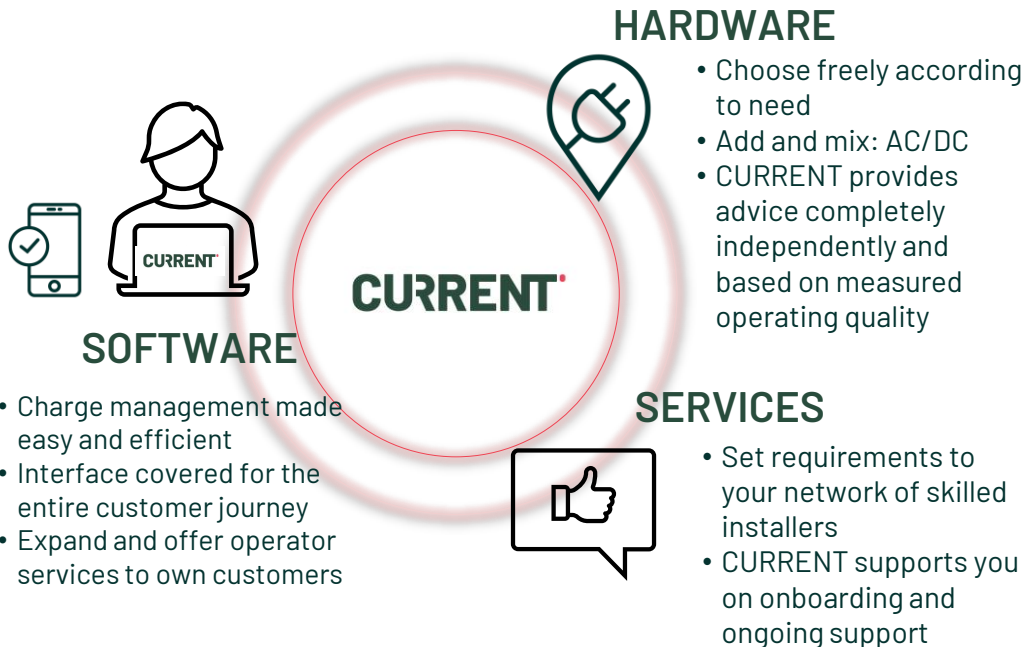
1

GUIDE YOU TO THE RIGHT CHOICES TO PLAN FOR YOUR EV OPERATION

Build a charging infrastructure tailored to your business

We offer reliable and tailored configurations that can be integrated into multiple business models

THREE IMPORTANT AREAS:



2

SUPPORT YOUR DAY-TO-DAY EV NETWORK OPERATION

Subscription based offering per location

Integrated, all-in-one, hardware-agnostic software platform, supporting scalability and unlimited network growth

FIVE STEPS FOR EACH LOCATION SETUP:



Make your own choices

APIs and interfaces allow you to easily connect to your internal systems and integrate with third-party services such as roaming, payment, and access control.



Scalable and future-proof software

The CURRENT EV charging platform is designed for growth. With our one-stop solution, you can minimise your expenses and future-proof your load management systems



Lower your costs

Utilise CURRENT's sustainable and cost-effective business model to ensure EV charging operation excellence, reduce total cost of ownership, and monetize your chargers.



WHY CHOOSE CURRENT

Technology is cared for by us

Launching a charging network is a complex process. We will handle the technology you need. We're here to help you with everything from setting up your network to branding your app to processing payments.



Deliver a great customer experience

We offer custom and branded end-user services so you can offer your clients the perfect customer experience.



Lightning-fast time to market

Timing is everything in the EV charging market. CURRENT EV Charging's onboarding and API integrations will save you months of planning. You can launch your business in 2-4 weeks with our expert knowledge and custom-designed solutions.





WE ARE READY TO LEAD YOU INTO THE FUTURE OF EV CHARGING



GET YOUR EV CHARGING CONSULTATION FOR FREE

Attend a free business
consultation with our team of EV
Charging experts

[SCHEDULE A CONSULTATION](#)

Our team of e-mobility experts will be happy to help you understand the world of EV Charging. Whether you're interested in e-mobility, EV charging software features, or how to start and grow your business, let's talk!

www.current.eco



CHECK OUT HOW OUR PLATFORM WORKS

Learn all about CURRENT EV
charging services with a
personalised demo

[REQUEST A LIVE DEMO](#)

CURRENT

THANK YOU

Current Eco AS - Frøyas gate 15, 0273 Oslo, Norway