



## Smart Urban eMobility

The best solution for empowering eMobility

Smart Charge is a complete solution for charging infrastructures. It is integrated into the open marketplace of Electrical Vehicles energy sale. The system enables total control and automation of the charging infrastructure.

By combining innovative, cutting-edge software and hardware solutions SmartCharge solves the challenges of urban eMobility .

SmartCharge empowers the operator to tailor their offered eMobility solutions. The system allows a dynamic pricing strategy depending on person, power and time. Everything is controlled online through interfaces and apps for private costumers and operators.



### Smart turn-key cloud solution for eMobility, with integrated two- sided marketplace and energy management

- ROI on eMobility solution
- Full control over energy management
- Easy to use and fast to deploy
- Vendor independent, no vendor lock-ins

### Turn key-solution for E-Mobility

- **Easy deployable**
- Fast and easy to adapt
- User and access management
- Energy management
- Two-sided marketplace

**Fully deployed eMobility solutions in minutes**

### Vendor independent

- **Operates on the open standard OCPP**
- Mix and match hardware vendors
- One interface to rule them all

**100 % of costumers can now handle their hardware legacy**

### Enhanced scalability

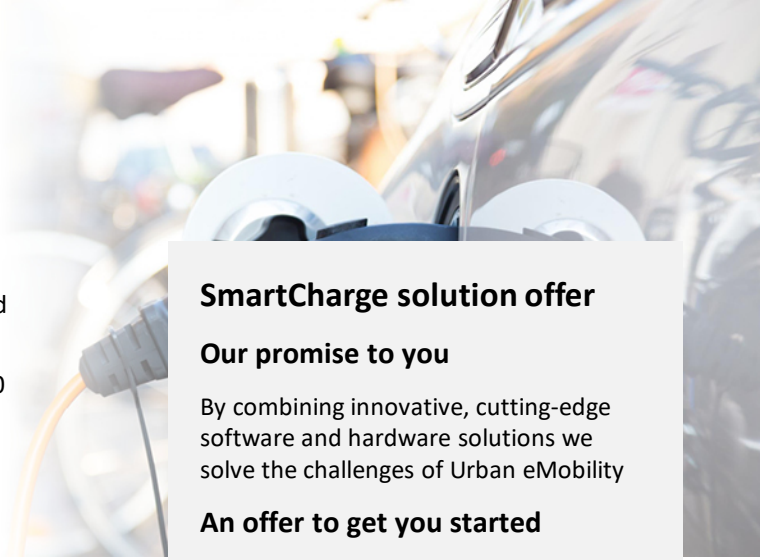
- **No limitations on charge points or stations**
- Cloud solution with automatically scale up
- Redundant cloud instances

**99,9 % uptime in the cloud, 50 % of costumers achieve ROI in 5-12 months**

**“With SmartCharge we can offer a differentiated eMobility to both our tenants and short time customer without risking major energy peaks or large operational costs.”**

-Terje Wathne, Property manager , Mustad Eiendom AS

# How SmartCharge works to achieve business benefits



## SmartCharge system KPI's

- SmartCharge has empowered 2,4 M km of electric drive and reduced 255 Ton of CO2 emissions in 2018
- Average EV car charges 10 kWh/ session, and charges 20/30 days a month
- Turns losses into profit by selling charging service



## SmartCharge on Azure to ensure uptime

- 99.9 % uptime, with data redundancy
- By reducing effect peaks, energy tariff and selling eMobility services you will turn your solution in to profit



## SmartCharge on Azure empower easy seamless integration with existing ERP, CRM and Azure deployments

- Super scalable with full integration to your existing system
- SmartCharge offers API and integrations to services on Azure
- Hassle free integrations with CRM and ERP systems to empower existing and new revenue streams

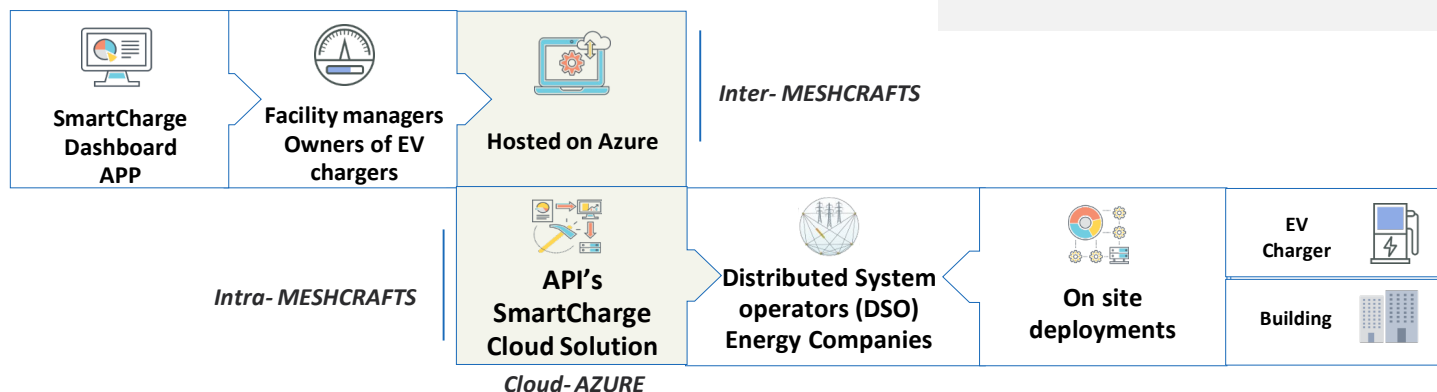
## SmartCharge solution offer

### Our promise to you

By combining innovative, cutting-edge software and hardware solutions we solve the challenges of Urban eMobility

### An offer to get you started

- Turn-key vendor independent cloud solution for eMobility
- Interfaces to setup and operate your eMobility solution, that instantly connect you with suppliers and costumers
- SaaS subscription for your eMobility installation
- SmartCharge enables customers to reduce their energy peak while getting new revenues from eMobility



## Desired Outcomes

- Reduced effect peaks by load balancing
- Reduced cost by optimizing energy consumption
- Revenues from eMobility services
- Enabling vendor independent expansions of eMobility solution

## Why Meshcrafts

Meshcrafts vision is "Zero Emission, Hassle free".

Meshcrafts empowers eMobility as a leading eMobility software developer. SmartCharge platform integrates solutions for Smart City, Smart Grid and eMobility. SmartCharge empowers a two-sided marketplace for eMobility and energy. Meshcrafts is vendor independent and uses open standards to ensure transparency and an agile deployment for the customer.

We are not doing this because it is simple, we do this because it is hard.

