



electric mobility norway



Electric Mobility Norway - a cluster of companies, research institutes, academia and public partners who collaborates in shaping the transportation system of the future
– where Electric Vehicles contribute to a more sustainable and environmentally friendly transportation



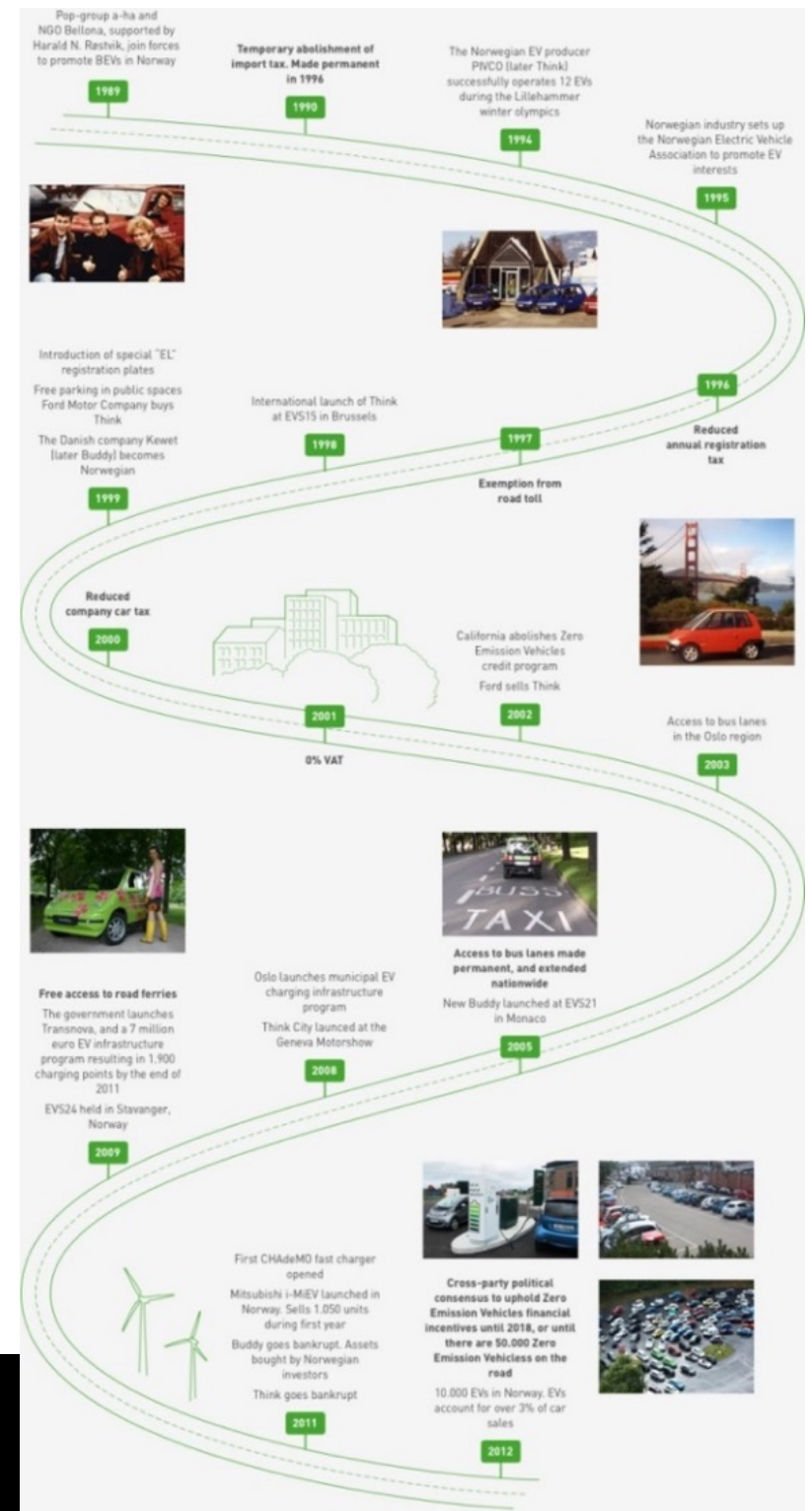
buddy

This change started over
25 years ago.

THINK

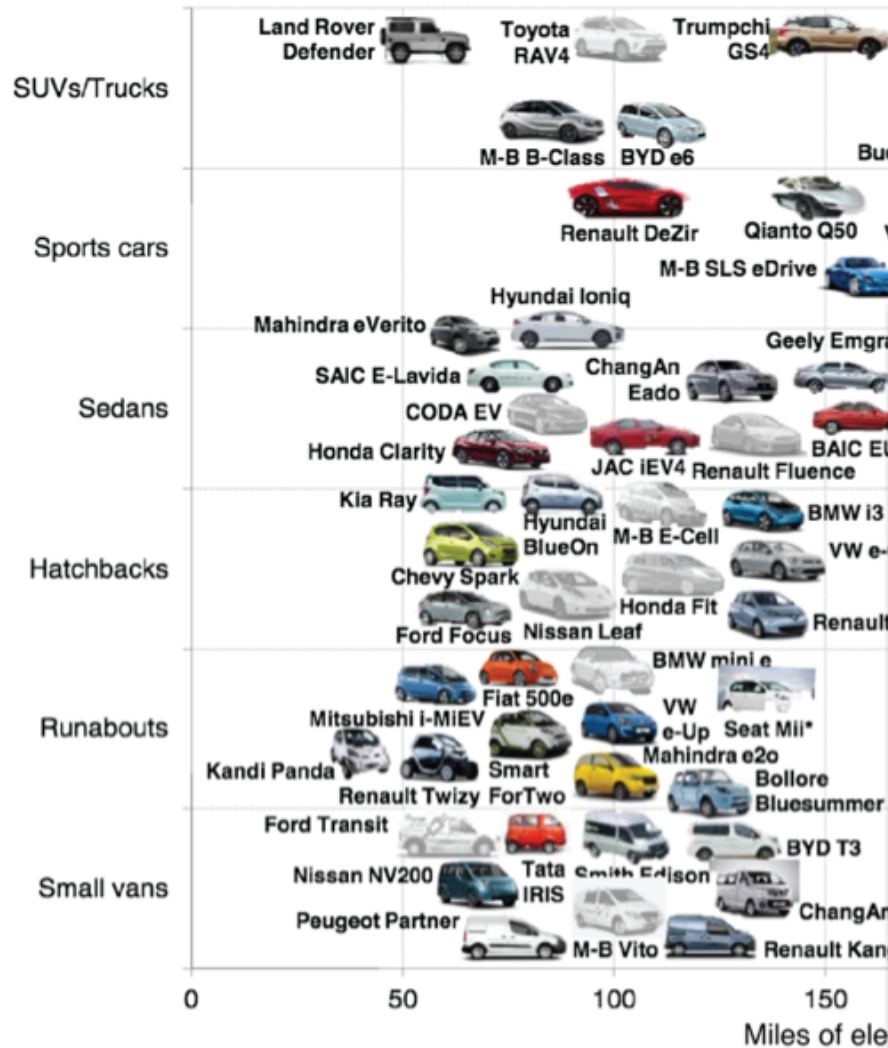
Norwegian EV policy

- No purchase taxes (extremely high for ordinary cars)
- Exemption from 25% VAT on purchase and leasing
- Low annual road tax
- No charges on toll roads or ferries
- Free municipal parking
- Access to bus lanes
- 50 % reduced company car tax



Electric-Car Boom

Models by style and range available through 2020



Norway to 'completely ban petrol powered cars by 2025'

'What an amazingly awesome country', Elon Musk tweeted in response to the plan

Jess Staufenberg | Saturday 4 June 2016 17:15 BST | 269 comments




155K
shares



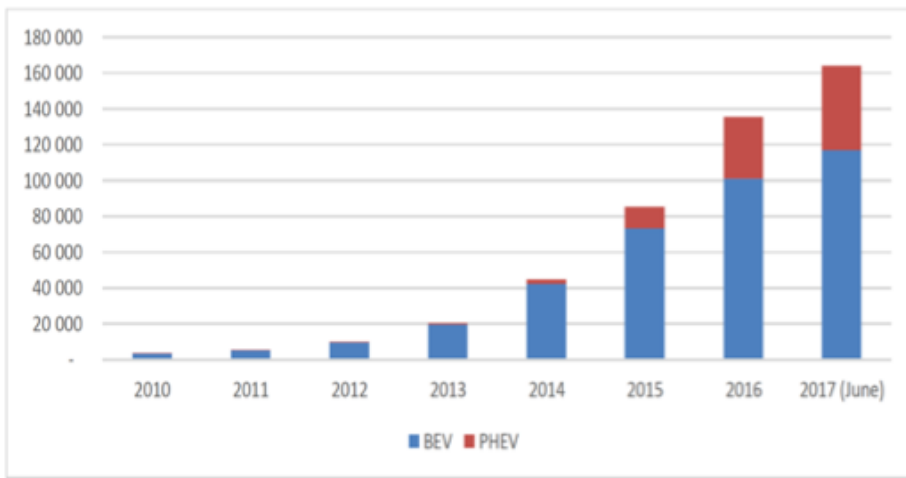


Figure 2: Norwegian EV fleet development. Source: Norwegian Public Roads Administration [2] and OFV AS [1].

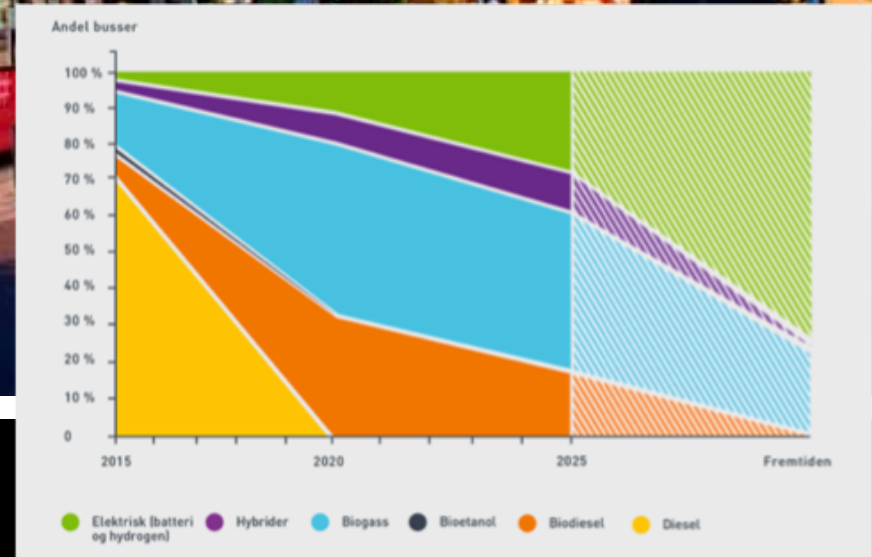


What insights can you get from over 160.000 norwegian EV-drivers?



Public transport in Oslo fossil free in 2020

Ruter#





postal
technology international

Awards 2015

WINNER

Environmental Achievement of the Year

**Environmental Achievement of the Year:
POSTEN NORGE (NORWAY POST)**

Posten Norge (Norway Post) set a target in 2009 to reduce its CO2 emissions by 30% by the end of 2015. The post achieved this a year ahead of schedule and the operator has now set a new target to reduce its CO2 emissions by 40% by 2020.

Colin Campbell, SVP for Environment and Social Responsibility at Posten Norge, says, "We have had six green years as a result of both small and big initiatives that have resulted in CO2 reductions, which has been great. One of the main initiatives that has helped us achieve this target has been investment in our electric fleet."

Posten Norge currently has the largest electric fleet in Norway, with more than 1,100 zero-emissions vehicles. The latest addition to this fleet was made in June 2015, when the post announced that it had purchased 300 electric cars. This acquisition is part of the post's largest investment in CO2 reduction. The new cars will be fully operational by 2016. "The removal of fossil-fueled vehicles has and will continue to be a major part of our strategy," Campbell adds.



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Tine har planer om å anskaffe en Nikola One for testing når den blir klar om noen år. (Bilde: Tine)

4 major trends

- Autonomous vehicles
- Connected systems
- Mobility as a Service
- Electric Vehicles

ITS



Transport Services



Salto Anlegg

For anlegg med flere ladeuttak: som i borettslag, sameier, bedrifter, parkeringsanlegg eller kjøpesentere er "SALTO anlegg" løsningen. SALTO anlegg er et komplett, fleksibelt system med funksjoner som; fordeling av tilgjengelig strøm, brukerkontroll/ betaling, feilvarsling, overvåking og statistikk. Anlegget spesialtilpasses til hver enkelt prosjekt/lokasjon og leveres som komplett pakke. Ta kontakt for mer informasjon.



Technology and production

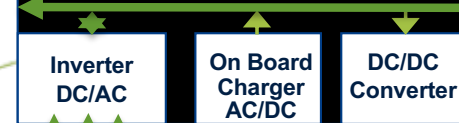


Batteries
Chargers
Grid



Electric Vehicle Control

High voltage (72-750V)



ITS

Transport Services



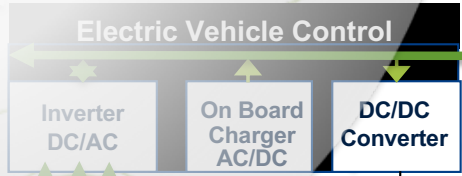
Salto Anlegg

For anlegg med flere ledeteknikk som i boretning, samler, bedrifter, parkeringsanlegg eller kjøpesentre er "SALTO anlegg" løsningen. SALTO anlegg er et komplett, fleksibelt system med funksjoner som fordeling av tilgjengelig strøm, brukerkontroll, betaling, fakturering, overvåking og status. Anlegget spesialtilpasses til hver enkelt anleggsforhold og leveres som komplett pakke. Ta kontakt for mer informasjon.

Technology and production

A NEW ECOSYSTEM

Batteries
Chargers
Grid



High voltage (72-750V)



VULKAN parking garage

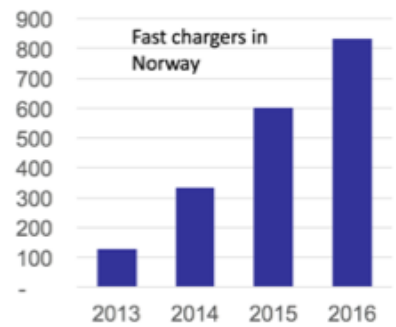
– the most innovative parking garage with smart EV charging and battery storage



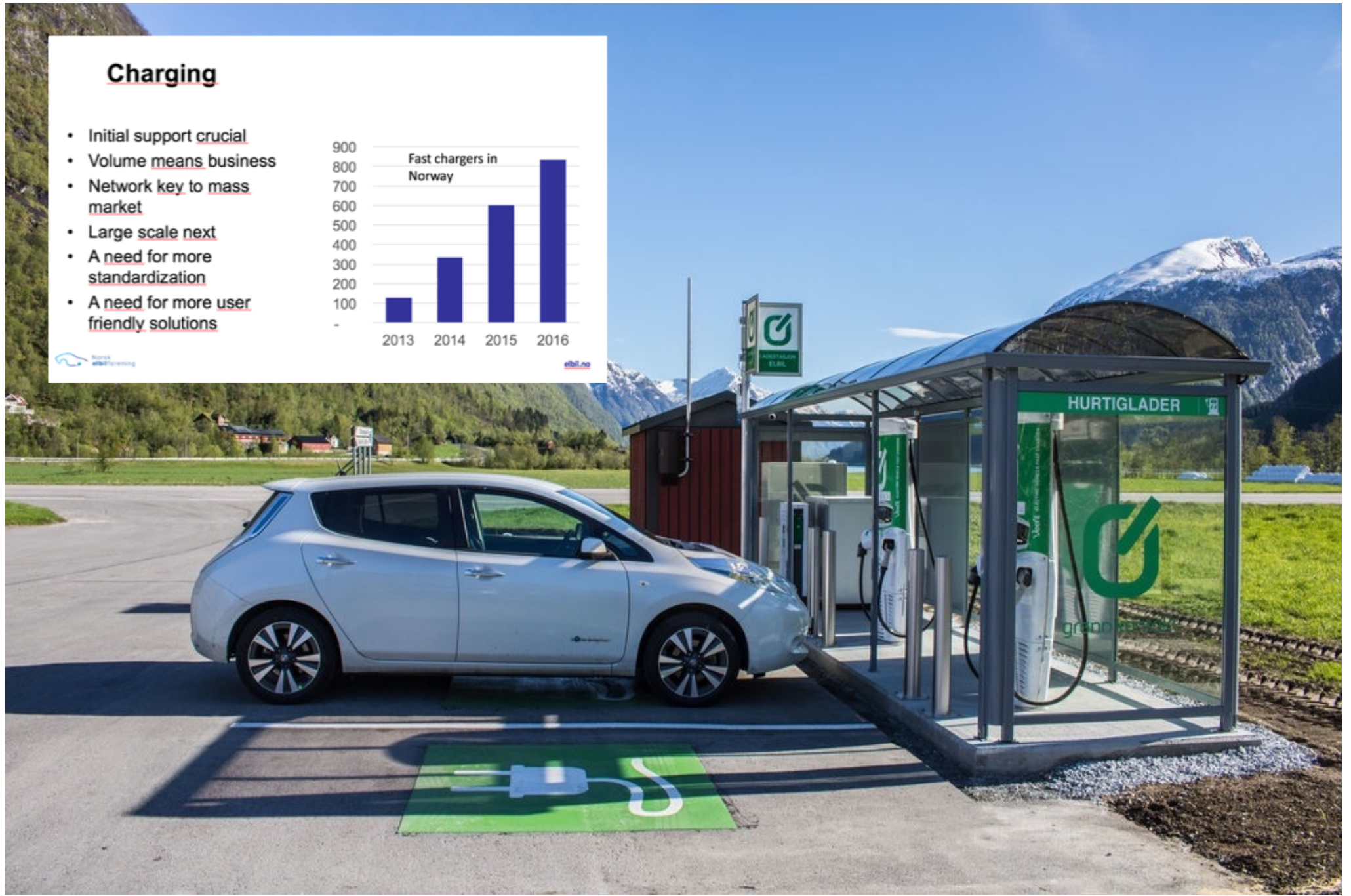
Opened in December 2016

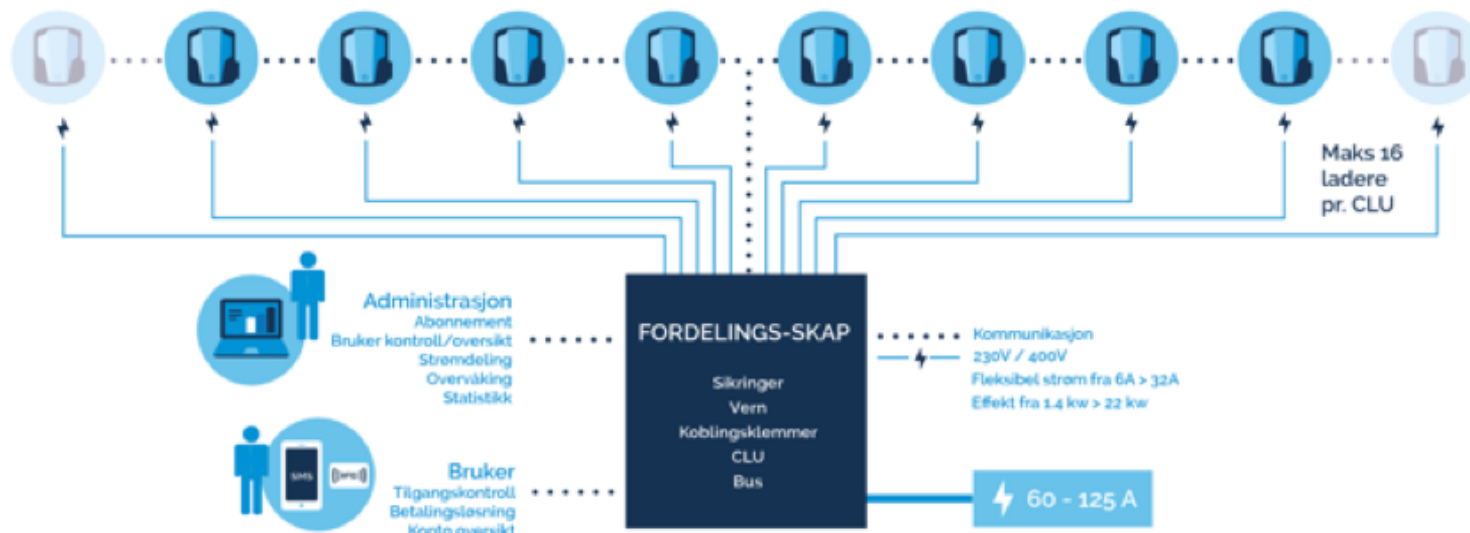
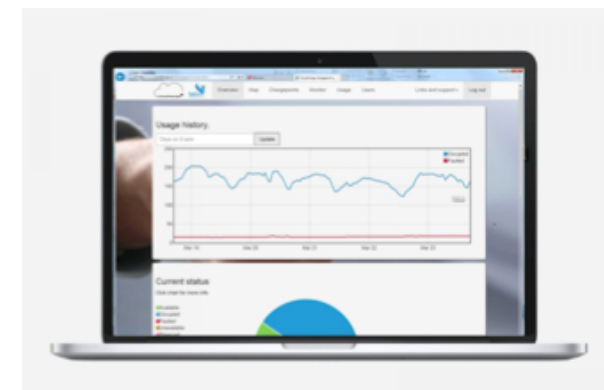
Charging

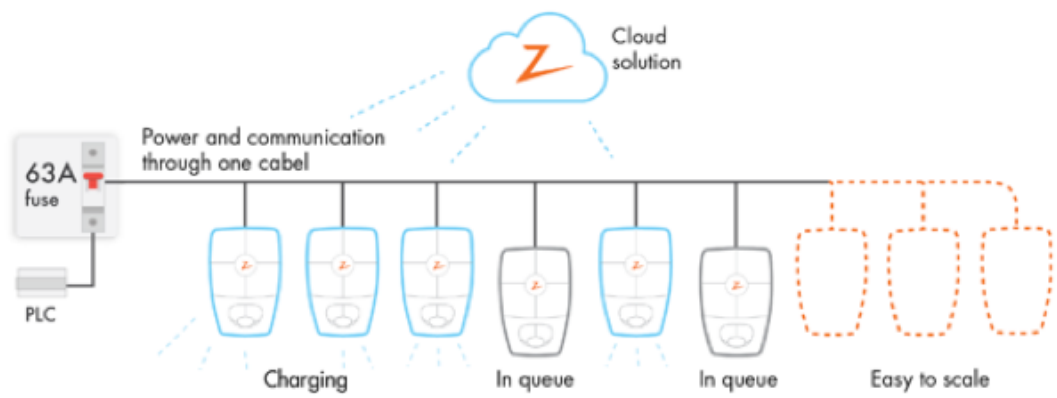
- Initial support crucial
- Volume means business
- Network key to mass market
- Large scale next
- A need for more standardization
- A need for more user friendly solutions



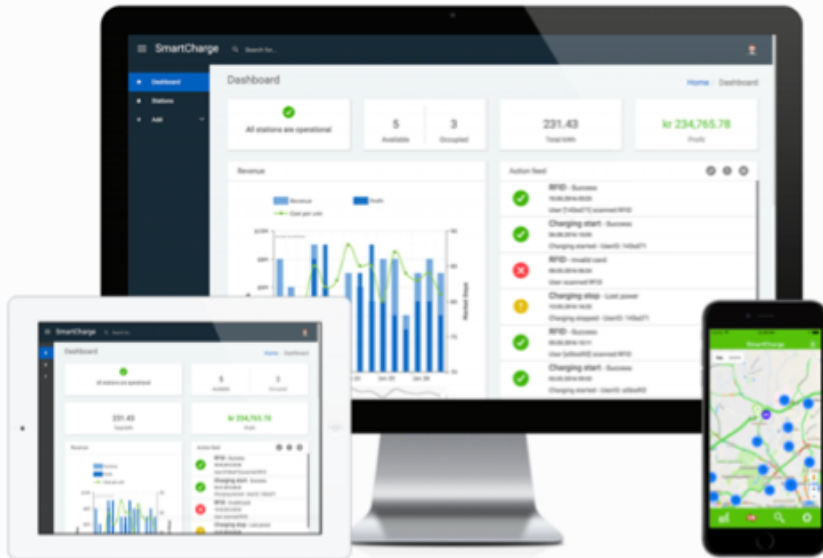
ebil.no











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-  Custom payment solution

 COMING SOON







Smart engine turns any bike electric

Electric bikes provide a welcome push up steep hills and are becoming increasingly popular. However, electric bicycles are expensive and conversion kits often both tricky to install and costly. To solve this we have developed a smart and inexpensive engine prototype that can be easily fitted to any bike.

[Read more](#)



Imagine this being included next time you buy a home



Service innovation



Mobility on Demand

For people and goods

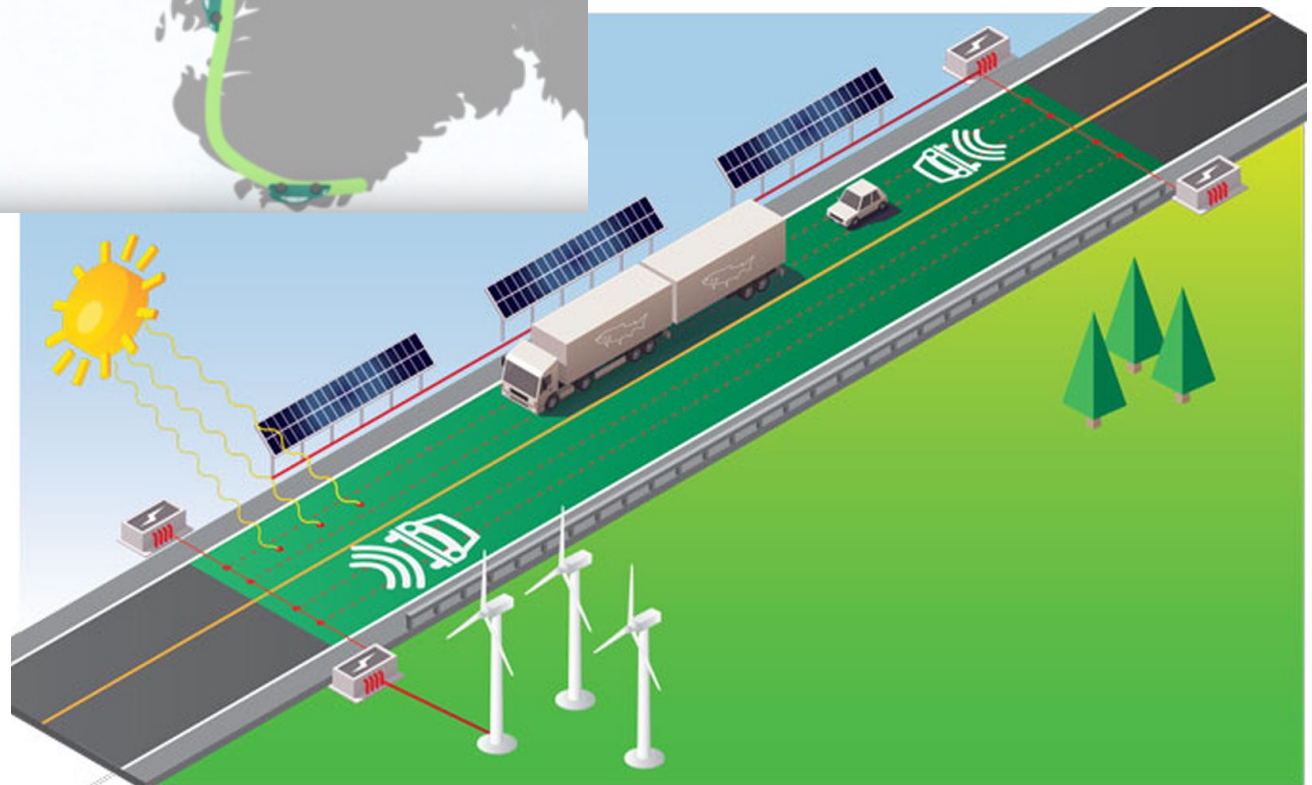




Asko Norge AS, Nasta AS, Norbetong AS and Siemens AS

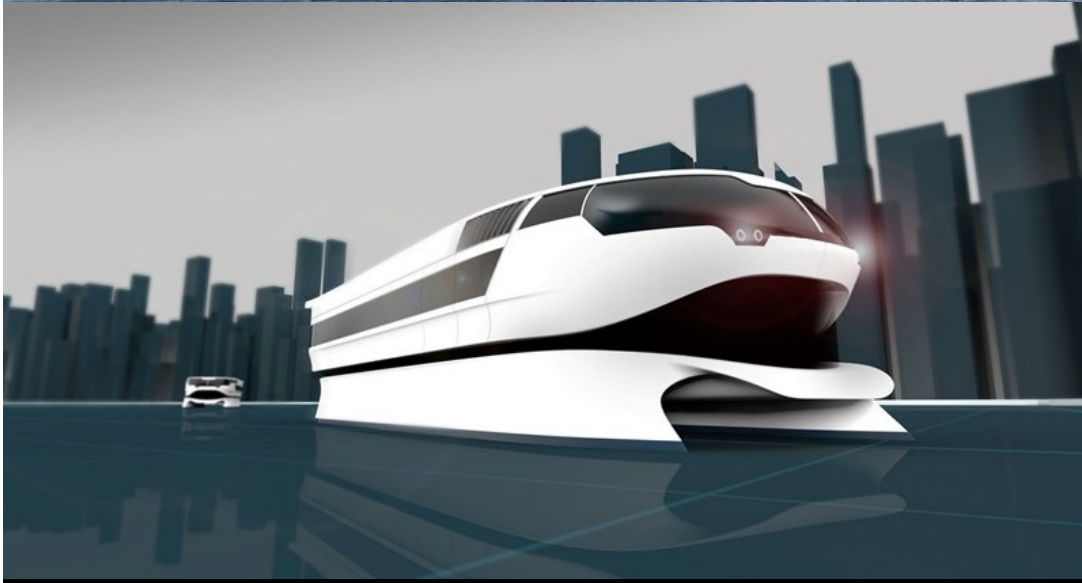
All trafikk langs Europavei 39
kan drives med
1,5 Twh elektrisitet i året

1.5
Twh



ELinGO

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YARA and KONGSBERG enter into partnership to build world's first autonomous and zero emissions ship





Batterier til elferger: Miljøbelastningen er spart inn etter 1,4 måneder

Miljøkostnadene er veldig små sammenliknet med utslippene som spares.

TU.NO



Kravene til lydisolasjon er økt på OV Ryvingen. Illustrasjon: Kystverket



Autonomous ship



Autonomous snow removal



Testsites



Autonomous subsea vehicle



TU.no presents



NORDIC EV Summit

1. – 2. February 2018 Radisson Blu Plaza Hotel, Oslo

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Make a difference? – yes we can!





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SEMCON



HSN Høgskolen
i Sørøst-Norge



vestregioner



SMARTCITY
BÆRUM

NORPART



ZAPTEC



NorCharge
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