

#### Sähköautojen käyttö

IVO:n tilaamat kaksi Enfield 8000 kaupunkisähköautoa ovat saapuneet 14.5.1974. Autojen rekisteröinti ja saattaminen Suomen viranomaisten vaatimaan kuntoon saattaa kestää jopa 2 kuukautta.

Toinen autoista sijoitettaneen IVO:n kuljetustoimiston alaisuudessa Helsingin lähiympäristön liikenteeseen. Toisen auton osalta IVO neuvottelee seuraavasta käyttöjärjestelystä Suomen Sähkölaitosyhdistys r.y.:n kanssa:

- Auto luovutetaan SLY:n käyttöön kokeilu- ja esittelytarkoitukseen erikseen sovittavaksi ajaksi.
- SLY vastaa ko. ajanjaksona kaikista auton käyttö-, huolto- ja ylläpitokustannuksista vakuutusmaksut mukaan lukien.
- Auto on SLY:n jäsensähkölaitoksien lainattavissa SLY:n vastuulla.
- Auton rekisteröinnin tapahtuessa odotettua lyhemmässä ajassa, auto voidaan luovuttaa SLY:n käyttöön jo tänä kesänä. Tällöin SLY:n tulee palauttaa auto IVO:lle mahdollisia kunnostustöitä varten viikkoa ennen seuraavia kesän -74 messuja: 13...16.6., 29.6...7.7. ja 2...11.8.
- Tarkemmin auton käytöstä sopii SLY:n sähkön käytön edistämisosasto sekä IVO:n myyntitoimisto.



## Sustainable mobility ecosystem for a cleaner world

Why?

-

What?









How?











# Innovation & Venturing for a cleaner world





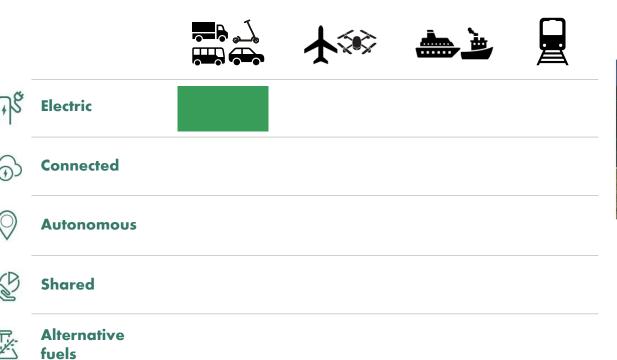






## Pop-up Charging Stations!

Fortum Charge & Drive has converted two containers that can be transported and used as pop-up charging stations!









#### Pop-up Charging Stations!

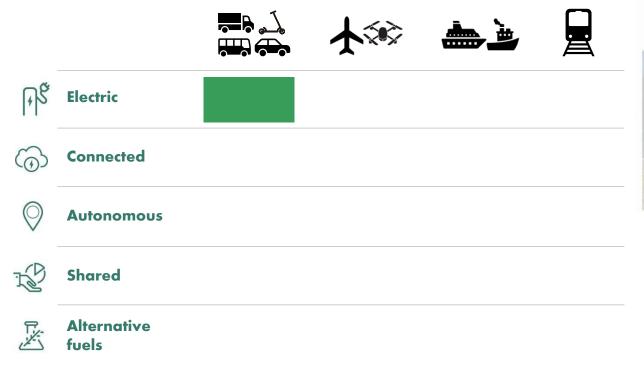


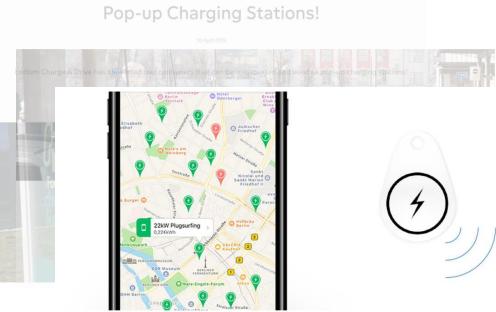
#### FORTUM CORPORATION PRESS RELEASE 21 March 2019

Clean-energy company Fortum is in cooperation with the City of Oslo and the American company Momentum Dynamics to build a wireless fast-charging infrastructure for taxis in the Norwegian capital.

The project aims to install wireless charging using induction technology.







FORTUM CORPORATION PRESS RELEASE 6 March 2018

Fortum Charge & Drive and Plugsurfing have joined forces to provide services for electric vehicle drivers. In striving for the perfect, scalable customer experience, Fortum has acquired full ownership of Plugsurfing GmbH. Parties have agreed not to disclose the contract value.





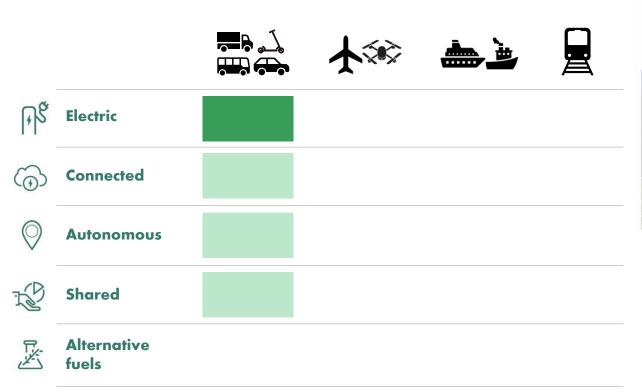


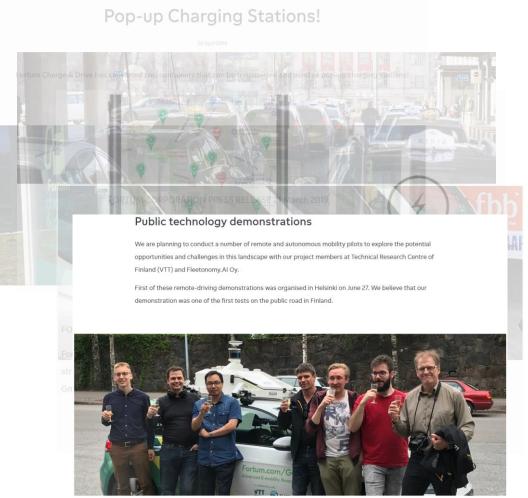
FORTUM CORPORATION ONLINE NEWS 30 May 2018

Pop-up Charging Stations!

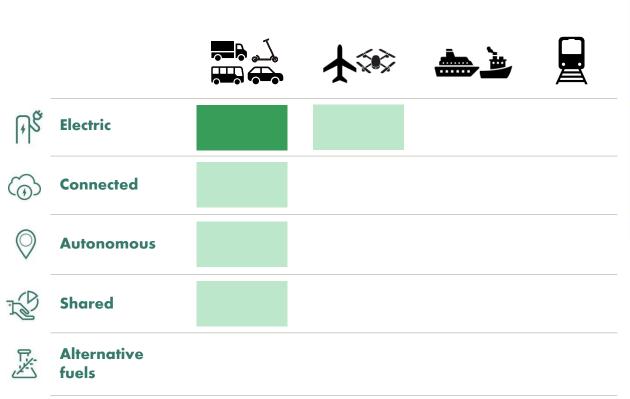
Fortum has signed an agreement with Swedish light electric vehicles manufacturer Clean Motion to jointly develop a battery swap system tailored specially for light electric vehicles. The primary target market for the initiative are the major taxi companies in India and other organizations with large fleets of vehicles that are in need of high uptime in their operations.

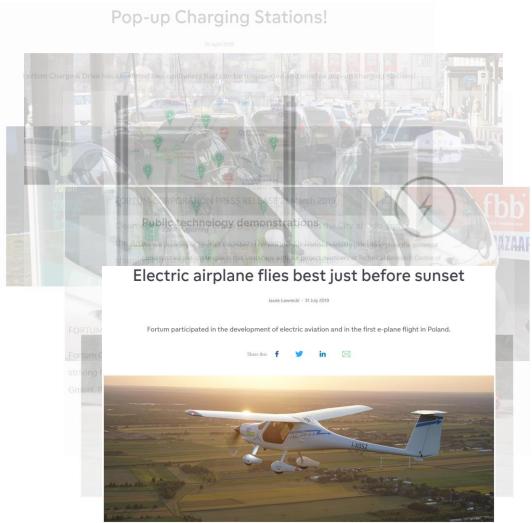






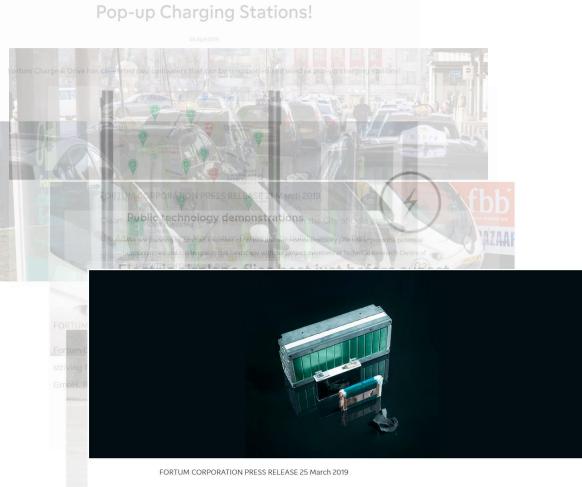












Electrification will rapidly increase the need for batteries. A new solution by Nordic clean energy company Fortum makes over 80% of the electric vehicle (EV) battery recyclable, returns the scarce metals back into circulation and resolves the sustainability gap by reducing the need to mine cobalt, nickel, and other scarce

metals.









## **Extras**



#### Fortum in brief

Our core

Hydro and nuclear
Combined heat and
power production
Circular economy
Energy-related
products and expert
services

We are the largest electricity retailer in the Nordics and one of the leading heat producers globally.

We have

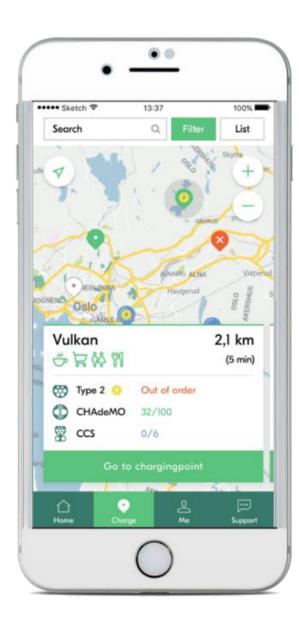
2.5 million customers.

96% of our electricity production is CO<sub>2</sub> free in Europe, 57% in all operations

8,300

professionals in the Nordics, the Baltics, Russia, Poland and India 2/3 of our power production is hydro and nuclear





**4000+** charging points

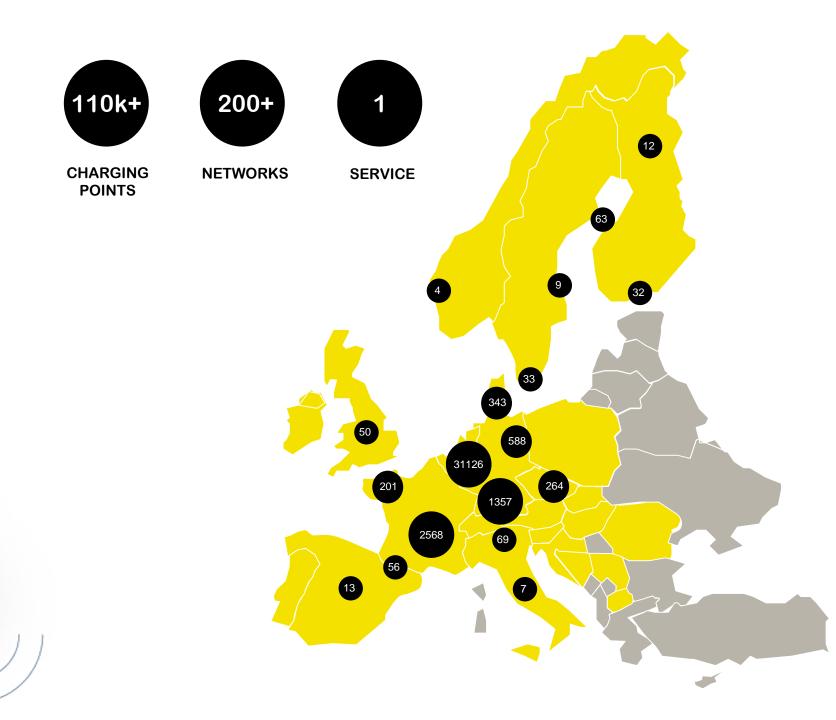
**80 000+** registered users

90 000+ paid transactions per month



## (4) plugsurfing





#### Our world view -

Five global megatrends. Valo Ventures invests in startups where digital technologies meets megatrends central to Fortum's strategy.

