

Through **automated & intelligent** charging combined with smart grid integrated **flexibility services**, we provide **EV OWNERS**

easy and convenient ways to decrease their climate impact while **saving money**

True Energy

Charlotte Sand, 28 February 2023

7 AFFORDABLE AND CLEAN ENERGY



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



TRUE ENERGY – a Landis+Gyr company

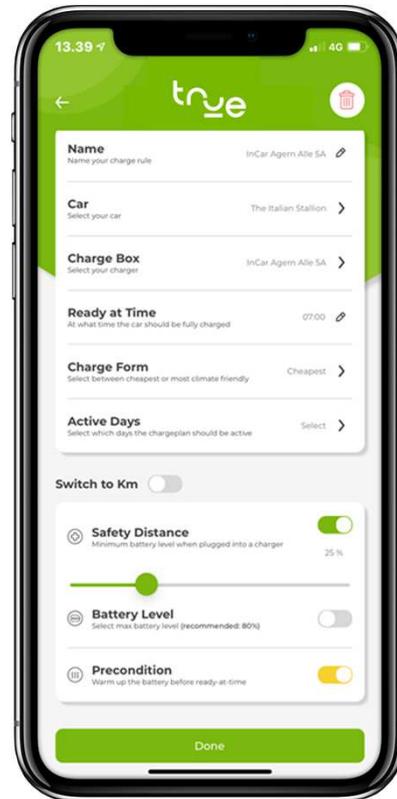
- Danish green tech founded March 2018
- Since April 2021 part of Swizz Landis+Gyr Global organisation
6500 employees
1.5 billion USD revenue in FY 2021
- 30 employees in Denmark, Poland and India



SMARTCHARGE – SAVE CO2 AND MONEY



ELECTRICITY PRICES AND CO2 LEVELS



PERSONAL PREFERENCES



CHARGE PLAN

EV OWNERS SAVE MONEY & CO2

SET & FORGET

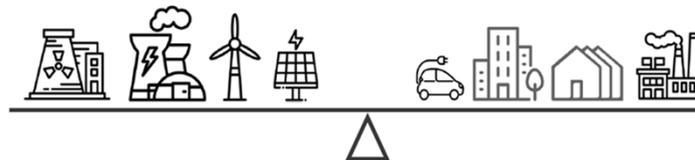
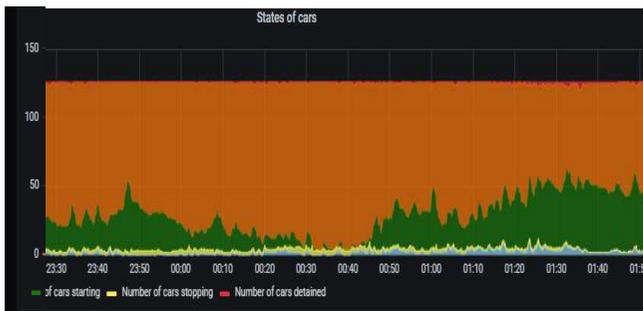
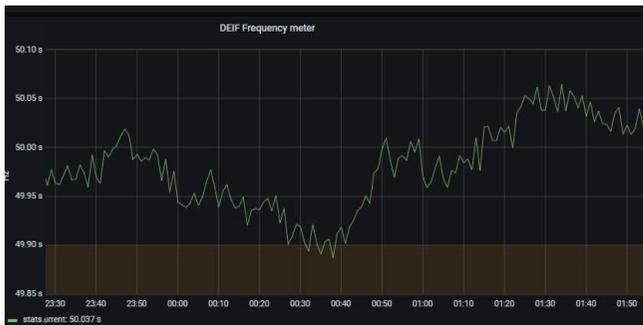
WE SUPPORT EVERY CAR BRAND and MODEL



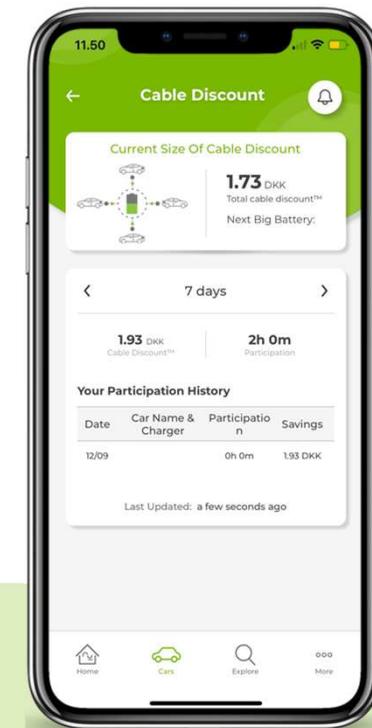
FLEXIBILITY TO TSO's: BIG BATTERY

- BIG BATTERY: AGGREGATION OF FLEXIBILITY
 - One virtual “Big Battery”
 - Frequency regulation to the national electricity grid

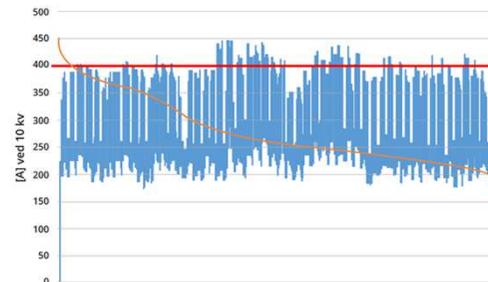
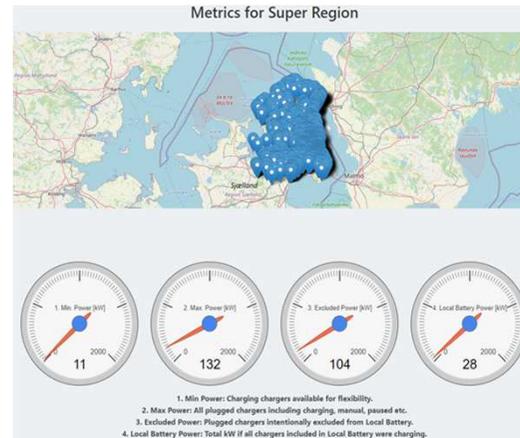
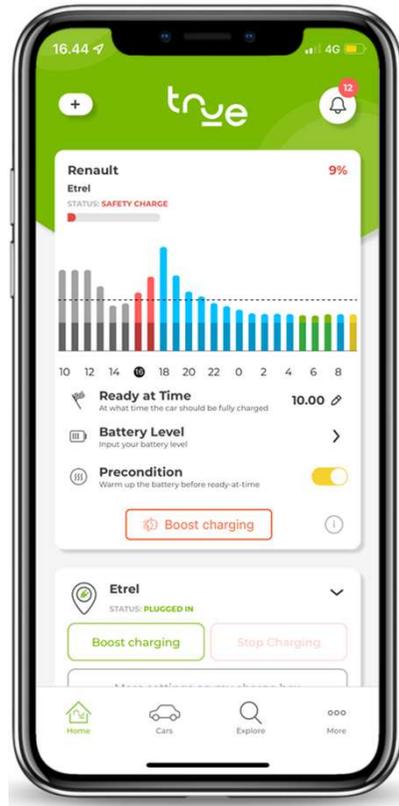
- APROVED BY DANISH TSO: ENERGINET
 - Energinet pays True Energy for balancing services
 - The payment is shared with the car owner as Cable Discount™



ENERGINET



FLEXIBILITY TO DSO's: LOCAL BATTERY



- **FLEXIBILITY INSTEAD OF CABLES**
 - In the future, local electricity grids will be pressured due to the electrification.
 - Solution: Burying more cables or more flexible consumption.
- **SMARTGRID**
 - We offer grid companies to use the grid smarter by providing flexible consumption.
 - The grid company can activate “Local Battery” where the charging of EVs are disconnected during periods with a risk of congestion.
- **CABLE DISCOUNT™: FLEXIBILITY IS REWARDED**
 - EVs that are part of Local Battery earn Cable Discount™.



USER ACTIVATION

- AUTOMATIC



- OWNER/HOUSEHOLD CONTROL



- TRANSPARENCY & IMMEDIATE REWARD



- REWARDS



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SAMMENLIGNINGSPORTAL

- Beskrivelse af service
 - Aktiver
 - Hvad sker der
 - Hvordan og hvem handler
 - *Nemtest at sammenligne ens standarder*
- Hvad betyder det for dig og dit aktiv?
 - Hvornår, hvor lang tid
 - Personlige indstillinger fx minimum og maks
 - Opt in / out muligheder
 - Bindingsperioder
- Afhængigheder, kobling til andre ydelser
- Incentives
 - Betalinger og andre rewards
 - *Svært ved priser der handles i fremtiden*
- ...
- Lær af elpris.dk
 - *Gennemskuelighed vs. grundighed*

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SMARTGRID ELECTRIFICATION TRANSITION TO RENEWABLE ENERGY

Thank you 😊

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