



Agenda

- Transition challenges
- Tibber the digital energy company
- Untapping demand flexibility
- Delivering demand flexibility

Challenges we're facing

Complexity

In the market & for the end user

Volatility

Covid & current energy crisis -
new norm?

Transformation

Engineering challenge

Transformation

Decarbonisation

Decentralisation

Digitisation

Transformation

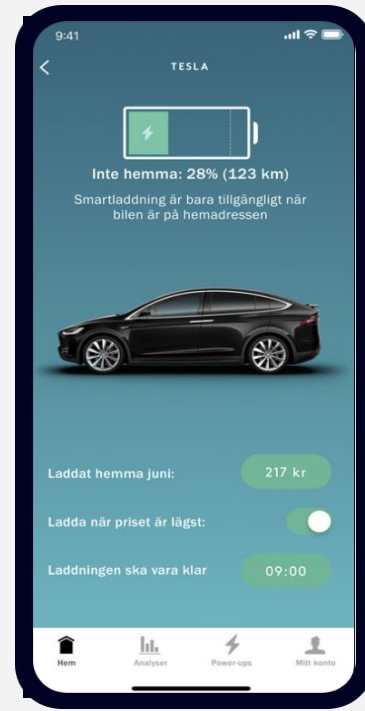
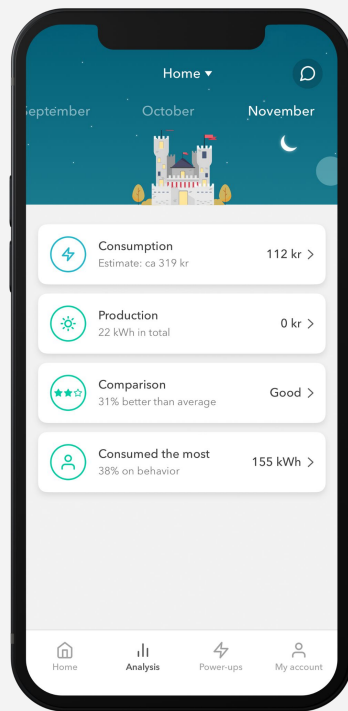
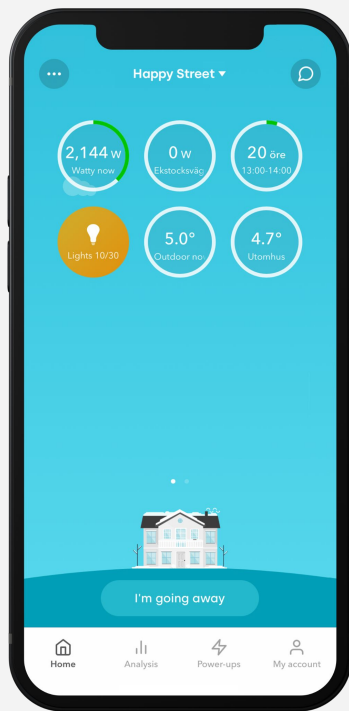
Decarbonisation

Decentralisation

Digitisation

Democratisation

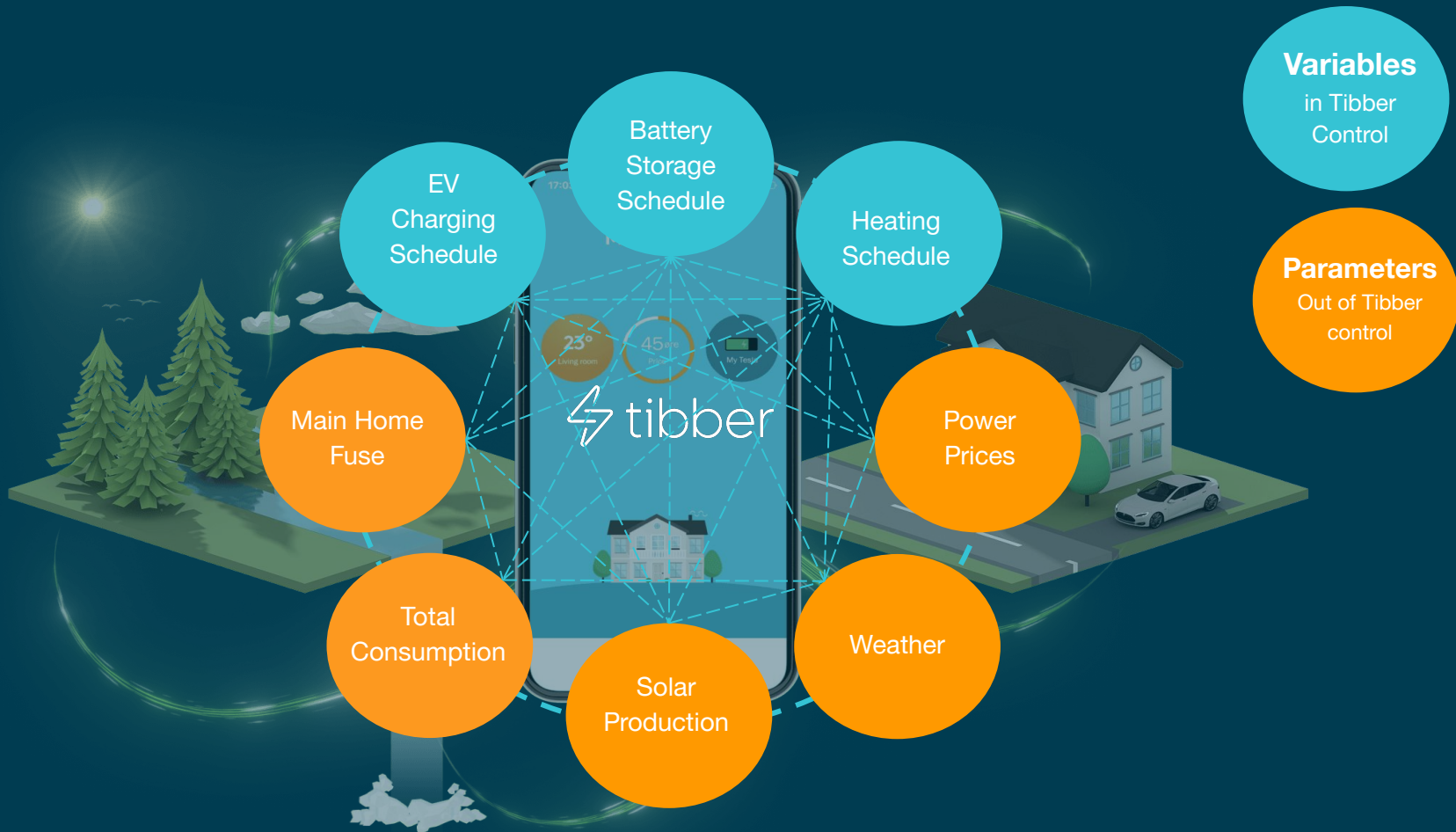
The digital energy company



Complexity

Simplifying it



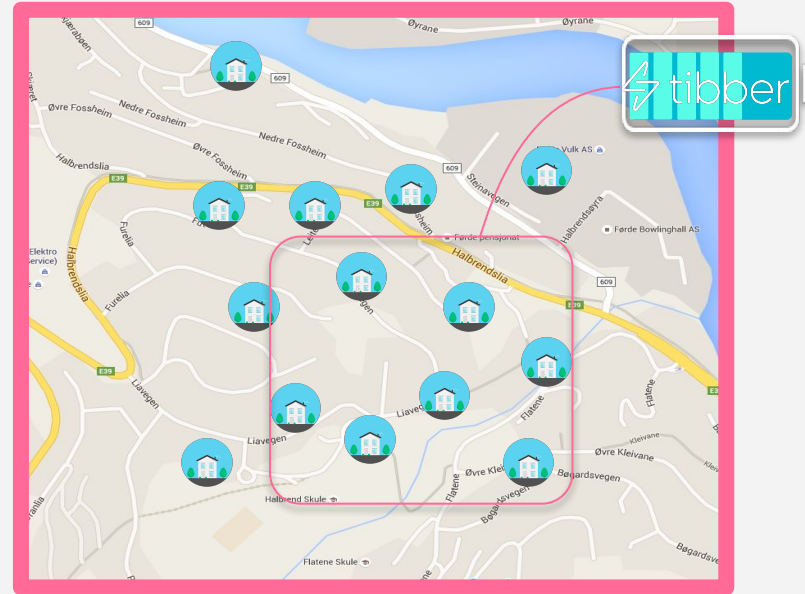


Untapping demand flexibility

with digitisation

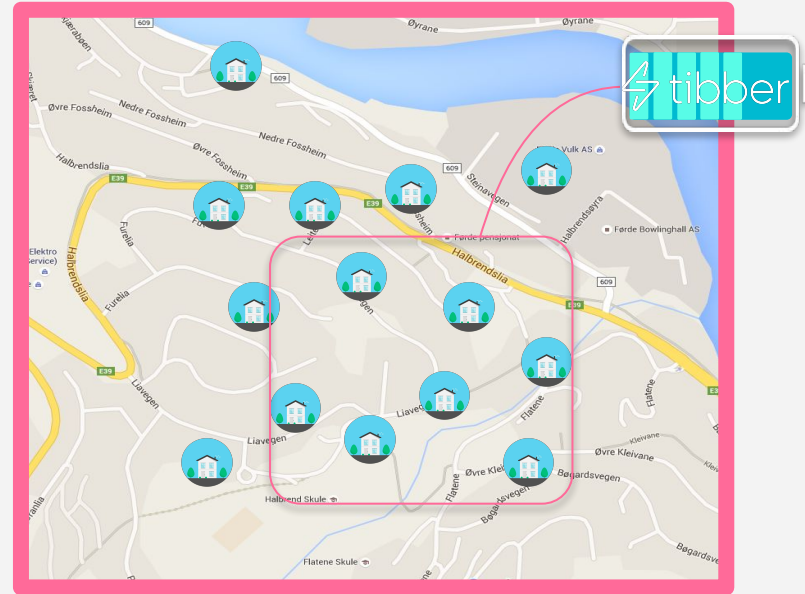
Insert buzz word here

- Communication with and control of hundreds of thousands of distributed devices.
- Portfolio of assets with various characteristics, presented as a single resource.
- Ultimate Value: Optimization of portfolio for different use cases simultaneously.
- Missing piece in the puzzle: and the most efficient



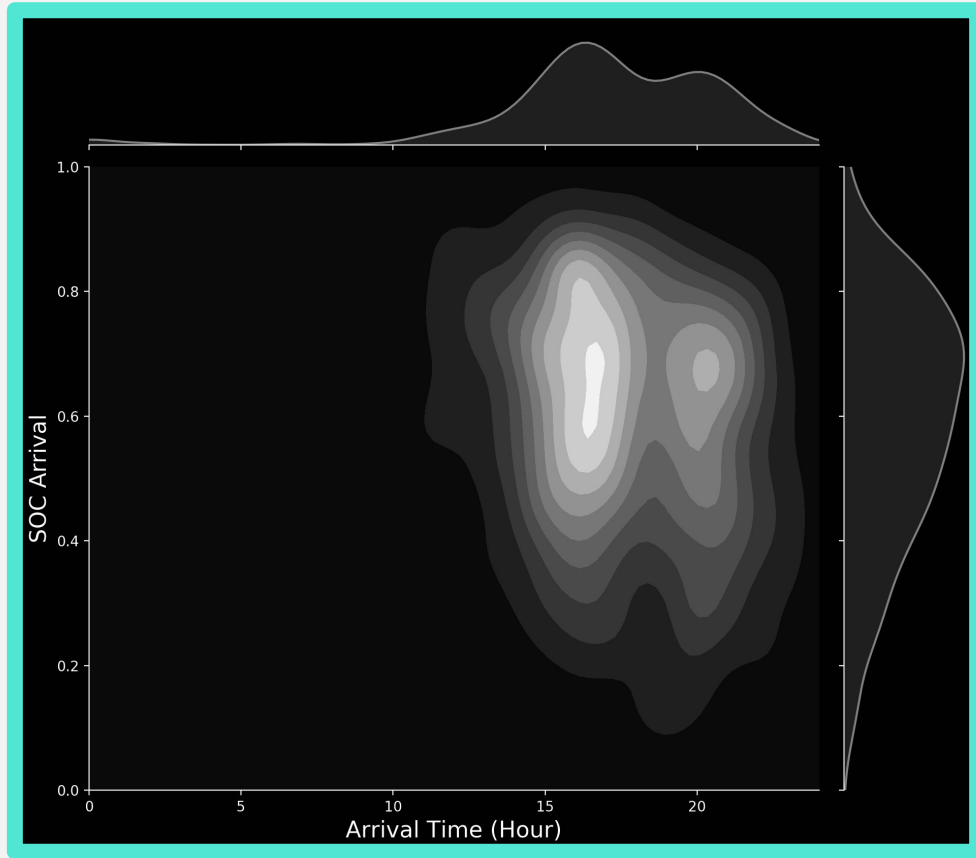
VPP, DERs, Aggregated fleet

- Communication with and control of hundreds of thousands of distributed devices.
- Portfolio of assets with various characteristics, presented as a single resource.
- Ultimate Value: Optimization of portfolio for different use cases simultaneously.
- Missing piece in the puzzle: and the most efficient



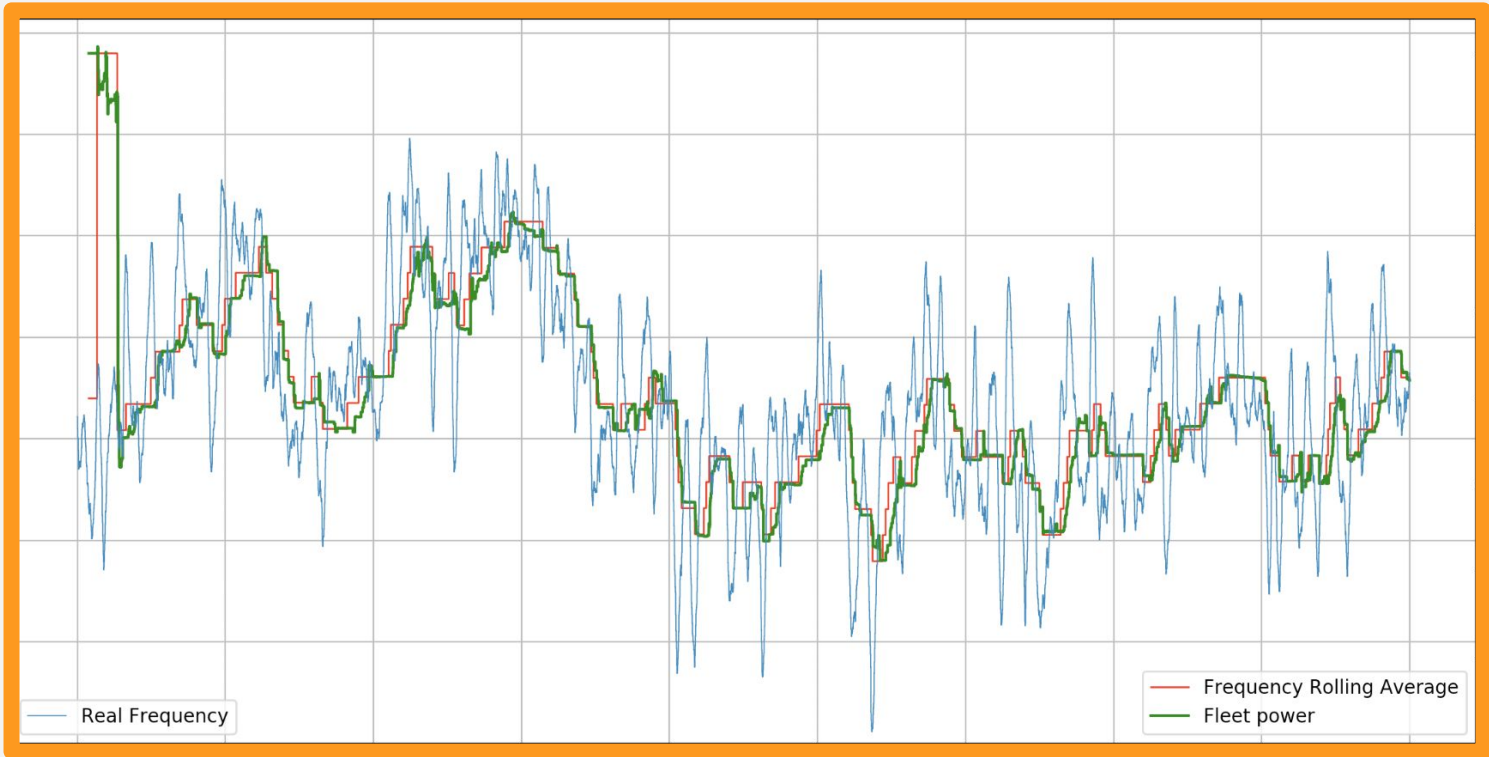






Delivering demand flexibility

for real



Delivering flexibility

And its challenges

National

- Nordic Transmission System Operators (TSOs)
- Sweden: FCR-D & FCR-N
- Norway: mFRR
- European TSOs

Local

- NODES marketplace
- Norflex & Sthmflex

Tibber

- Portfolio optimization

WANTED:
bright minds up for a challenge

Thanks!



jacob@tibber.com