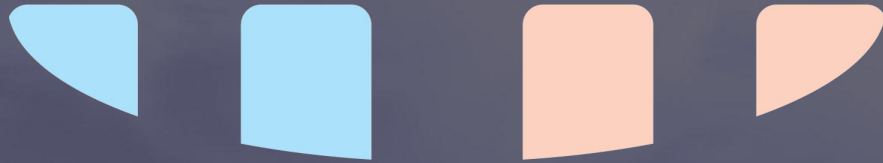


KELLUU



About airtime.



Blackouts are hugely expensive for power companies.

They are incentivized to be aware of the current situation and condition of the network to prevent this from happening.

How information is currently gathered?



By helicopter:

Costly flight hours (1000+€), pilot + camera operator, airtime only 3 hours



By drones:

Requires a pilot, low operational range, airtime only 40 minutes



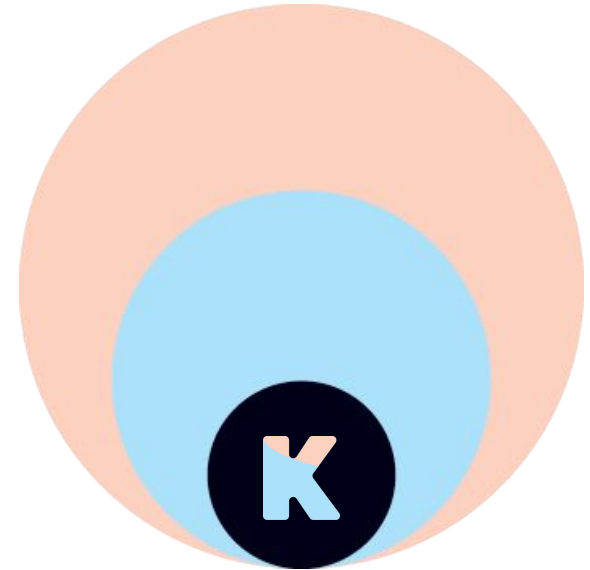
By ground crews:

Cannot get near the power lines, low visibility from a distance, slow and expensive

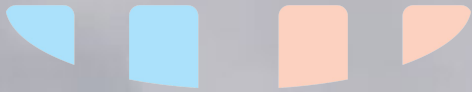
Energy industry surveillance market

- North America 32Bn USD
- Europe 30Bn€

- Finland 100+ M€ / Nordics 1Bn€



KELLUU



Prototype

Operating time 150 hours
0-80 km/h operating speed
GPS based autopilot

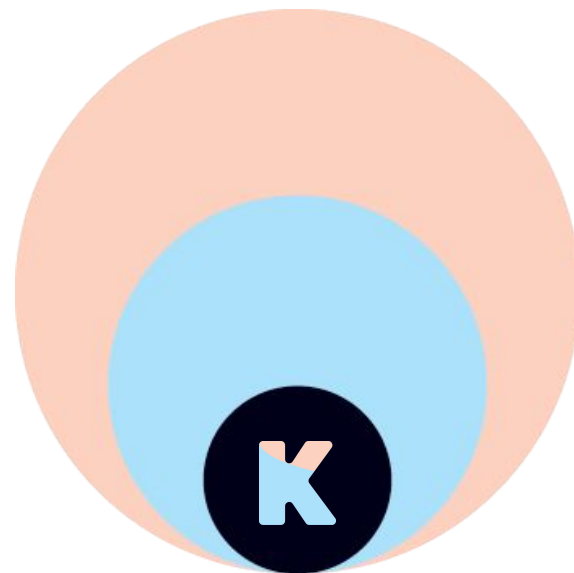


Compared to helicopters, Kelluu airships are able to produce
20 TIMES MORE DATA
of the situation with similar costs.

*-> the unit cost of information
retrieved is reduced by 95%.
And the data is of higher quality.*

We sell

- Status reports
- Live video & sensor feeds



First customer

Power grid operator in Finland

- Our customer
 - spends 10 % (2,5M€) of their revenue on infrastructure surveillance
 - has 20 000 km of lines

- **We're fine tuning our business model with this customer**