

Sustainable & secure large-scale IoT solutions for Energy & Environment

Journey of rolling out millions of meters for AMR

Rachit Saxena
Telia Company

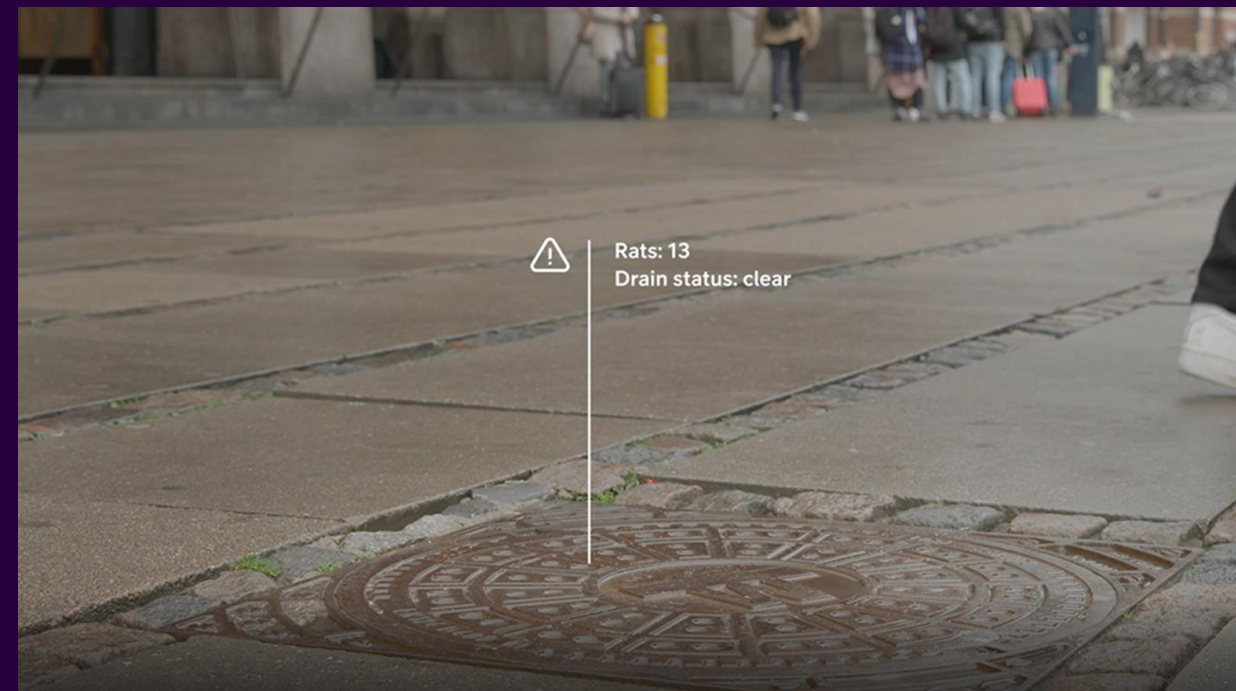
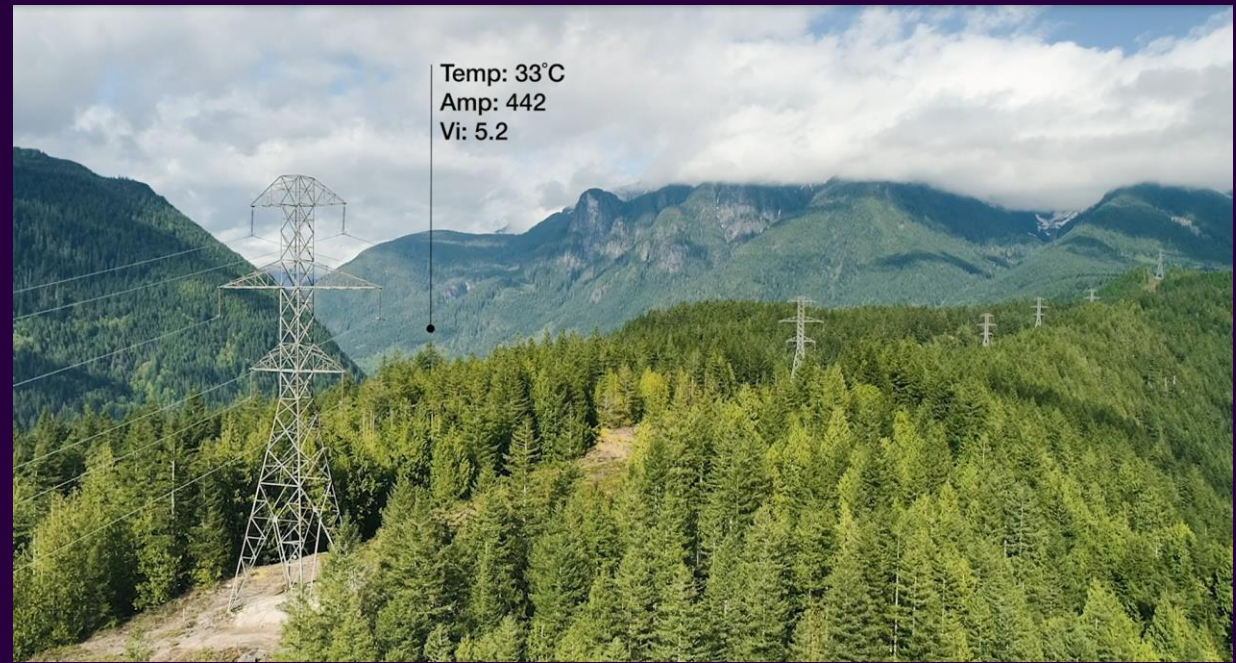
“There will be improvements in a number of areas. The meters are prepared to handle micro-production: households that both consume and feed electricity to the grid from solar panels. In addition, the customers will be able to monitor both the production and consumption of electricity in close to real-time.

To enable this, in addition to a new electricity meter, a modern communication solution is required. We have therefore chosen Telia to connect our customers with mobile technology and IoT.”

Robert Tretinjak
Program Manager at E.ON Energy Distribution



Low Power Wide Area



Why choose cellular



- Wide and deep reach
- Global Standard
- Dedicated spectrum
- Single contract
- Simplified manufacturing and logistics
- Part of 5G evolution



Key learnings and outcome

- Navigating multi-vendor radio environment
- Geography was a bigger challenge than technology
- Collaboration between OEMs, Telia & AMR team



What's next?



- LPWA for battery-constrained devices
- Heating and water meters
- Applying what we've learnt
- FOTA vs Low Power



Thank you

