



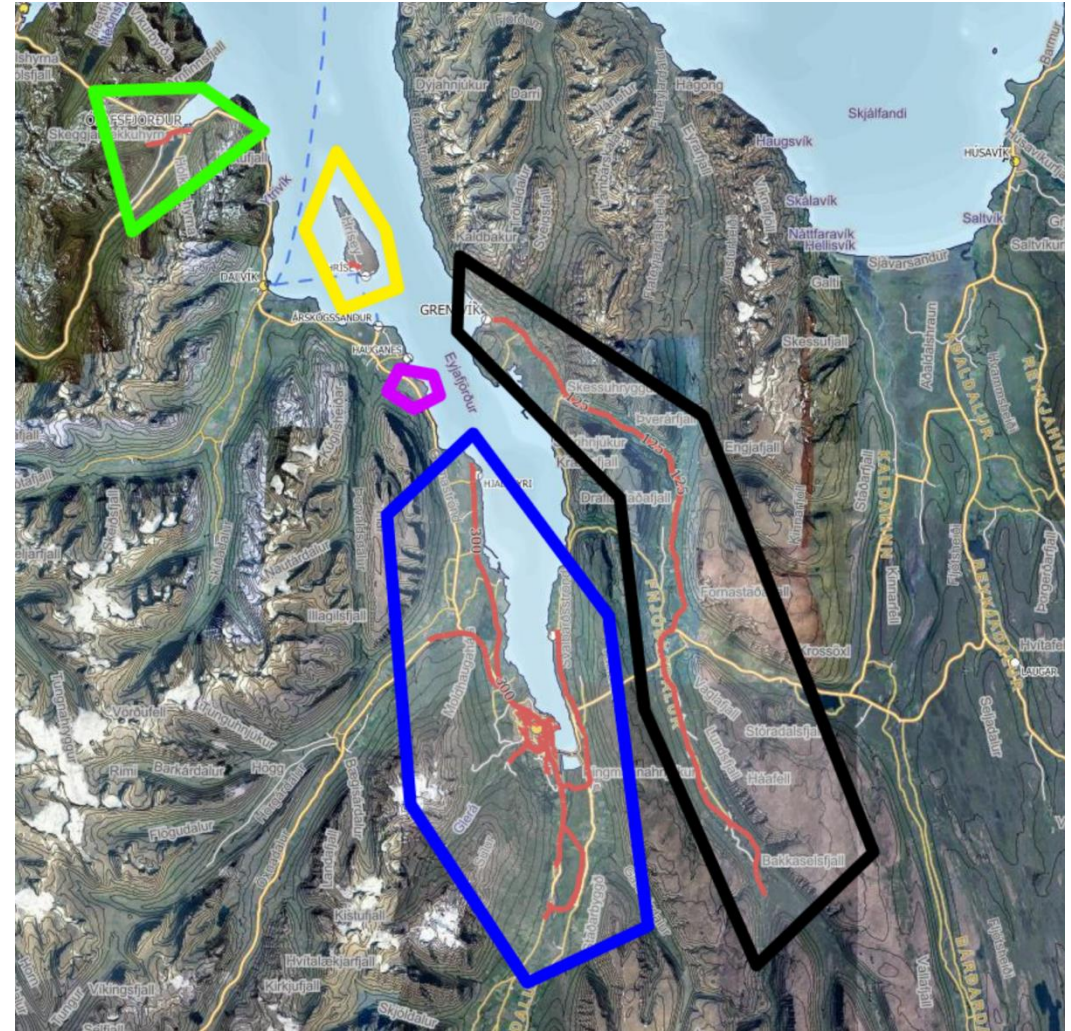
Metering in multiple small utilities
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Project manager of utility information systems

Topics

- ▶ The district heating sectors in Eyjafjörður
- ▶ The equipment that is currently being used by Norðurorka
- ▶ Finding the capital while operating meters for a small utility company
- ▶ Cooperation between small utility companies
- ▶ The upcoming challenges with AMR for Norðurorka

Multiple small utilities

- ▶ Metering points 477
- ▶ Metering points 141
- ▶ Metering points 2
- ▶ Metering points 6.418
- ▶ Metering points 327



So how is
money an
issue?

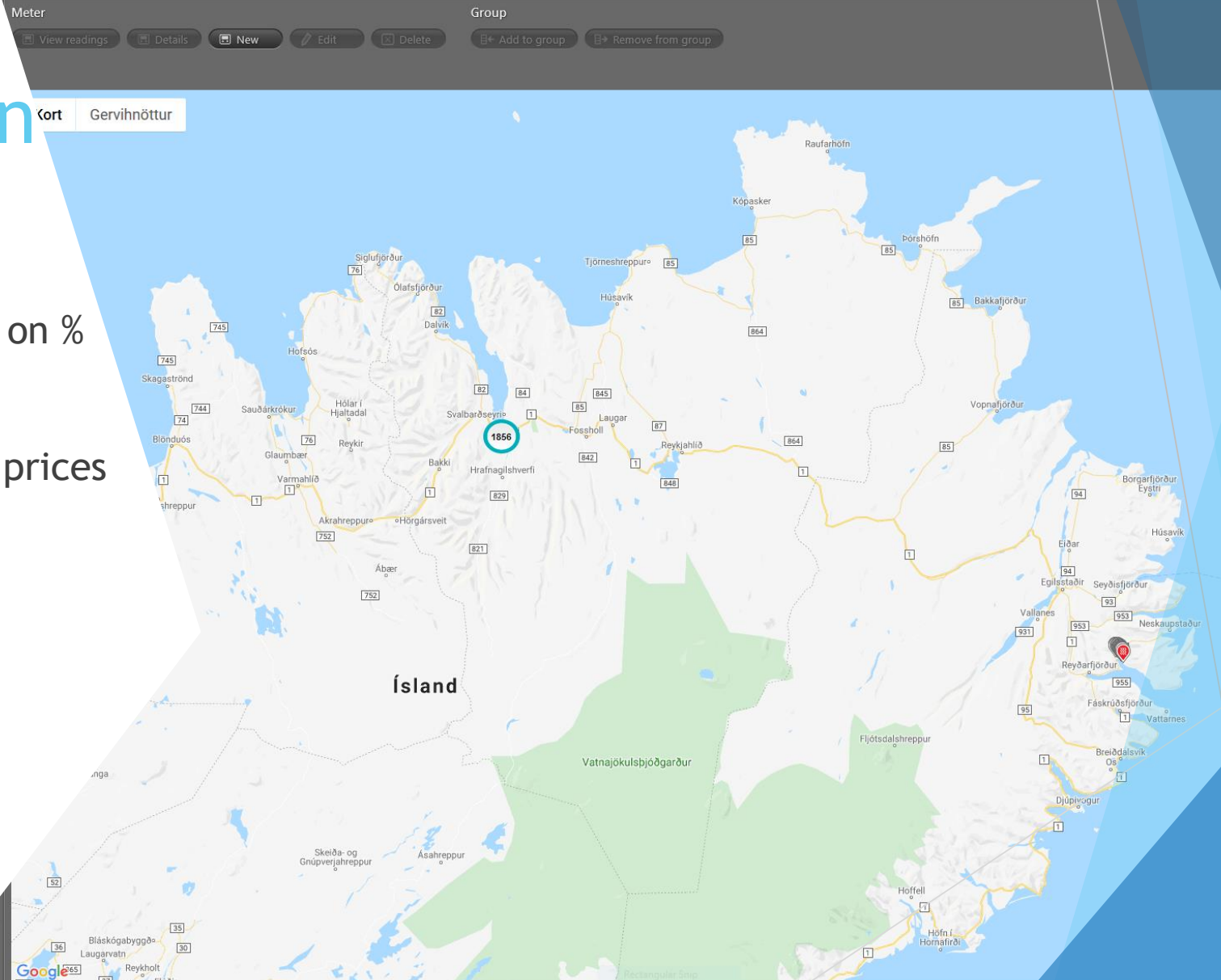
Do you need an AMR system when
everyone knows everyone?

The many hats factor



Benefits of Cooperation

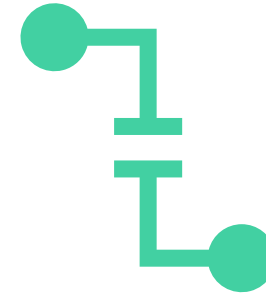
- ▶ Lower initial cost
- ▶ Subscription based on %
- ▶ Pooled resources
- ▶ Can lead to better prices



IOT!



AMR system, Collectors, Clouds,
Radio, M-bus, Narrowband, Antennas



Anything can be connected and read
automatically

Location,
location,
location.

Using what you have in place

