Cooperation with follower cases: Næstved - Denmark

Thomas Østergaard, Project- and Market Director, COWI
All we wanted was to find out:

Temperature loss per meter of branch pipe = [°C/M]

And we did it!
Some say – DH is simple – it is just hot water in tubes

Then we said OK, just find the bad branch pipes in a network with 15,000 connections, OK?

GIS – Line registration
TERMIS REAL TIME Data
Remotely Read Meters
Earth temperatures
Datawarehouse
Customer Data
Weather forecasts
Data Security

Digitalization!
Lessons Learned:
It's going to get better the second time.
Digitalisations works!
District heating is more than hot water in tubes!

Special thanks to:
Jesper Skov, Middelfart Fjernvarme
Jens Andersen, Næstved Fjernvarme