



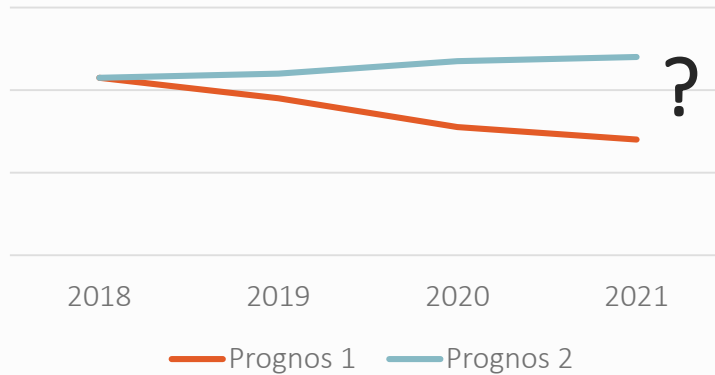
MälarEnergi

” Heating as a service

HENRIK WICKSTRÖM

Challenges

Demand



- Heat pumps
- Ultra-Efficient Home
- Less residual potential for conversion
- 98% connection degree in Västerås

Changed Customer Requirements



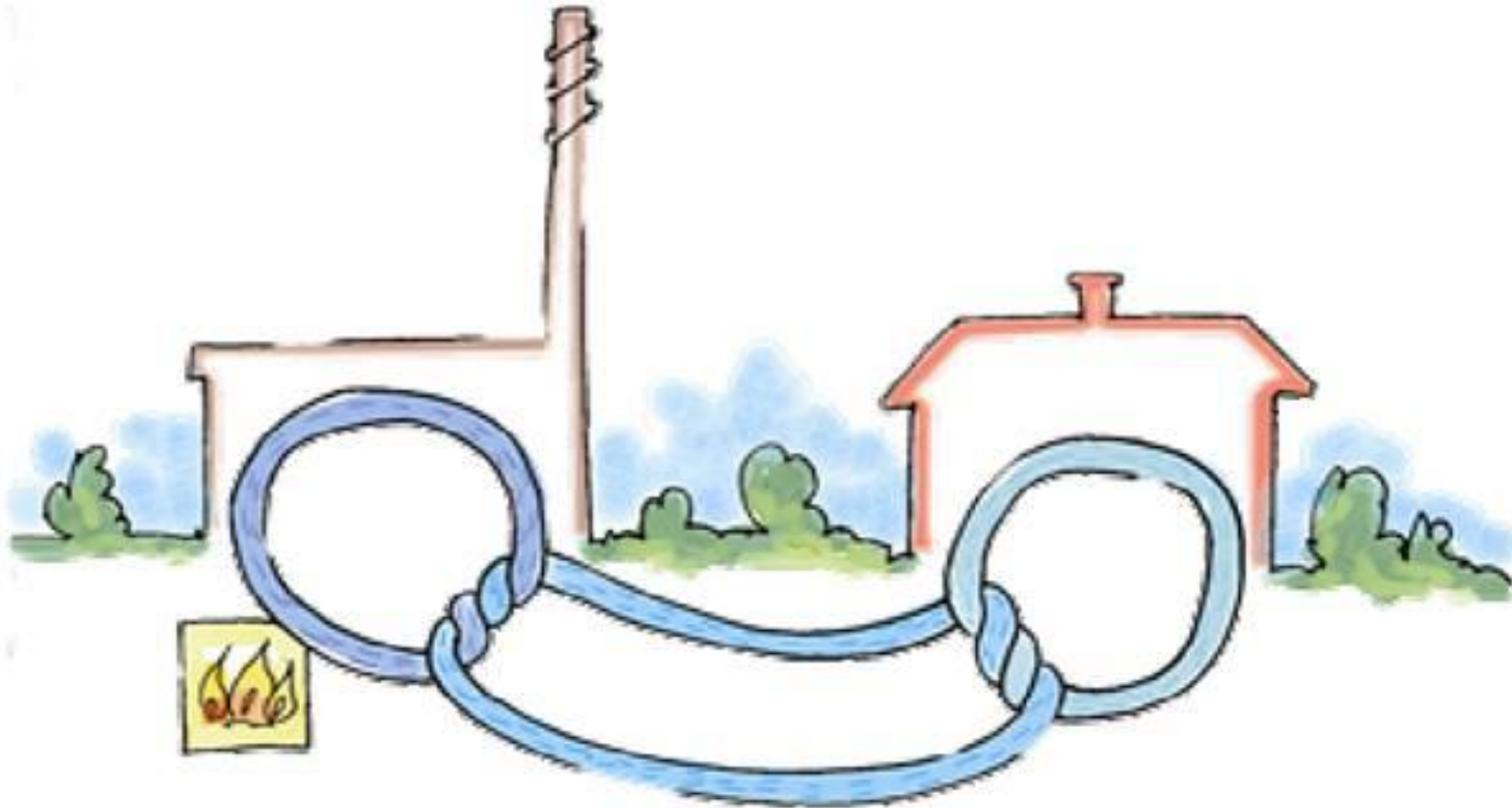
- Customer wants to influence
- Lack of trust – Increase transparency
- Questioned climate and environmentally friendly
- Want extended content

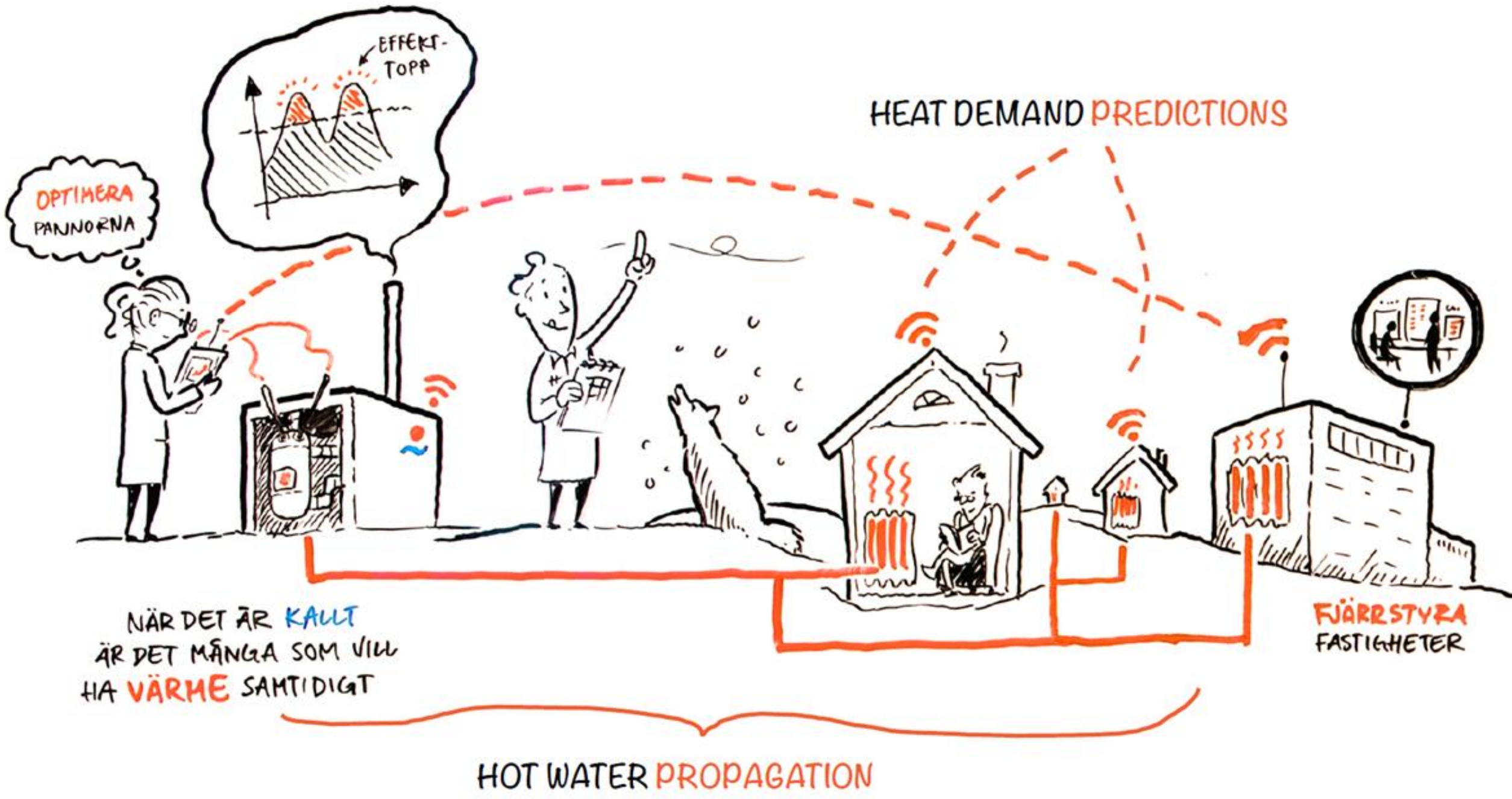
Rules and costs



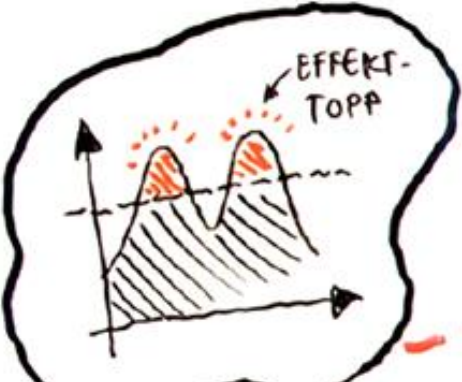
- Biofuel a high value commodity
- Capital intensive investments

Principle of district heating





OPTIMERA PANNORNA



HEAT DEMAND PREDICTIONS

FJÄRRSTYRA FASTIGHETER

NÄR DET ÄR KALT
ÄR DET MÅNGA SOM VILL
HA VÄRME SAMTIDIGT

HOT WATER PROPAGATION



Henrik Wickström

PROJECT MANAGER VALUE-CREATING DIGITALIZATION

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