HEATman Next generation district heating concept







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Standing on the shoulders of giants





1.2 bill. DKK previous investments in research and innovation



Digitally-supported district heating concept **HEATman**





SMART CITIES ACCELERATOR



Standing on the shoulders of giants

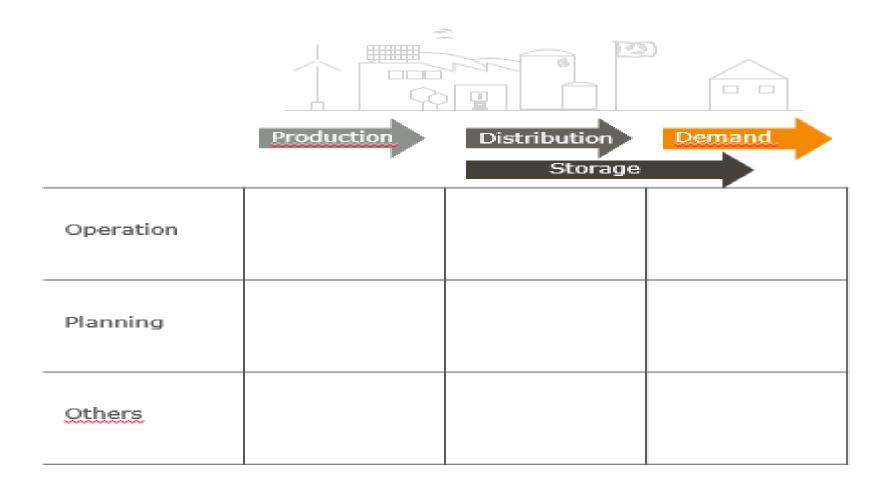




- One State-of-the-art <u>leakage</u>
 <u>management</u>
 <u>solution</u>
- Seamless and generic interfaces
- Optimize the value of each individual system when combined



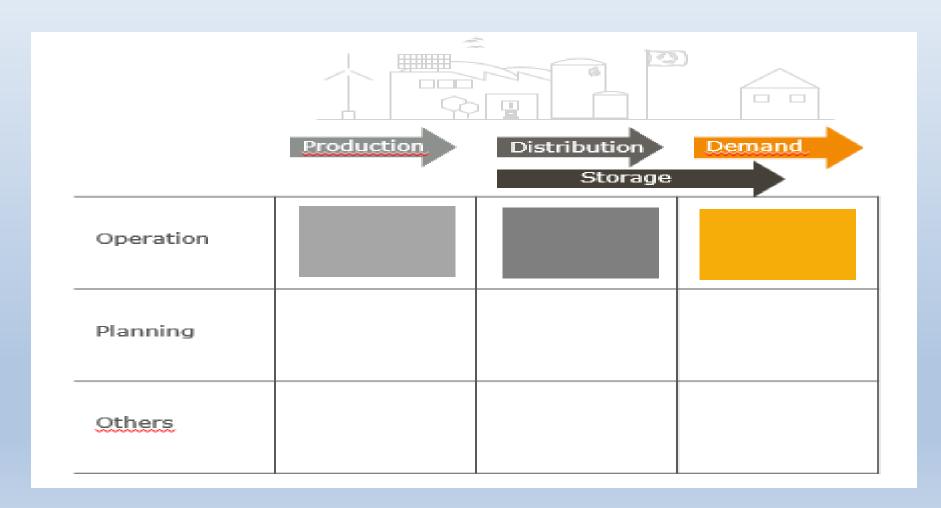
Our understanding of district heating systems







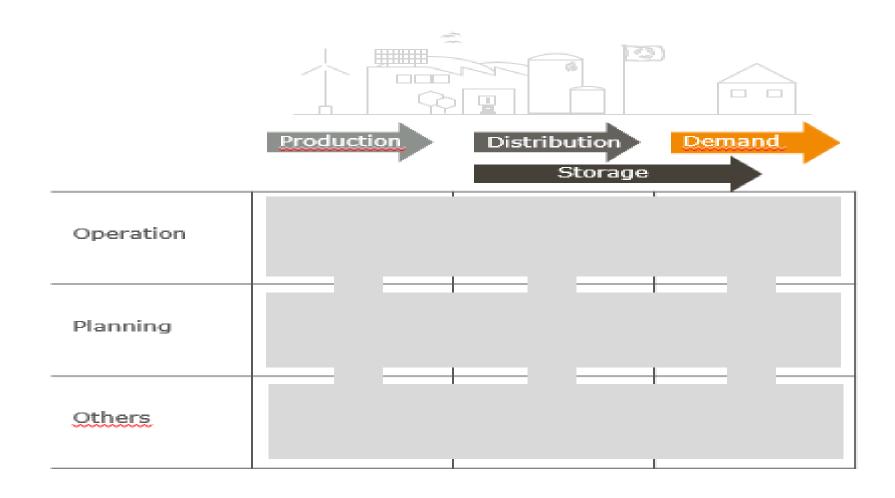
Before situation



To coherent product service platform



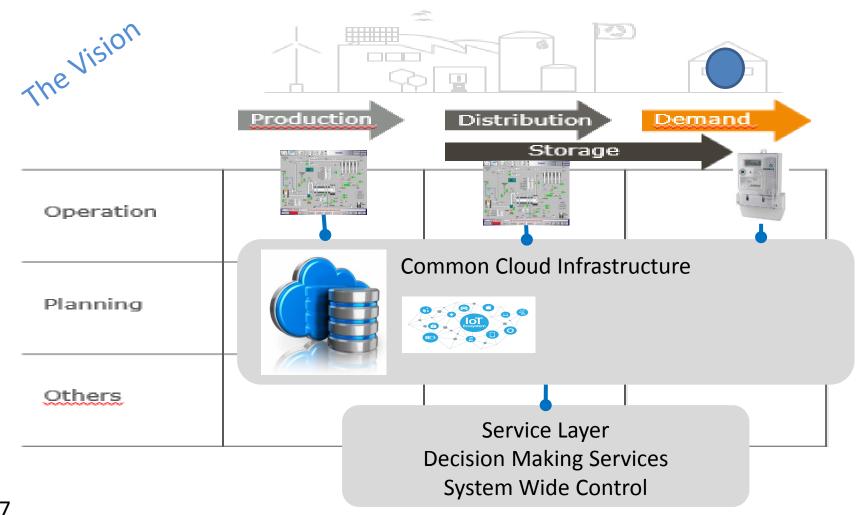
After situation - HEATman



How do we do this? A Digital Service & Product Platform



Distributed Digital Service Platform - HEATman





Partners

Product service platform - HEATman











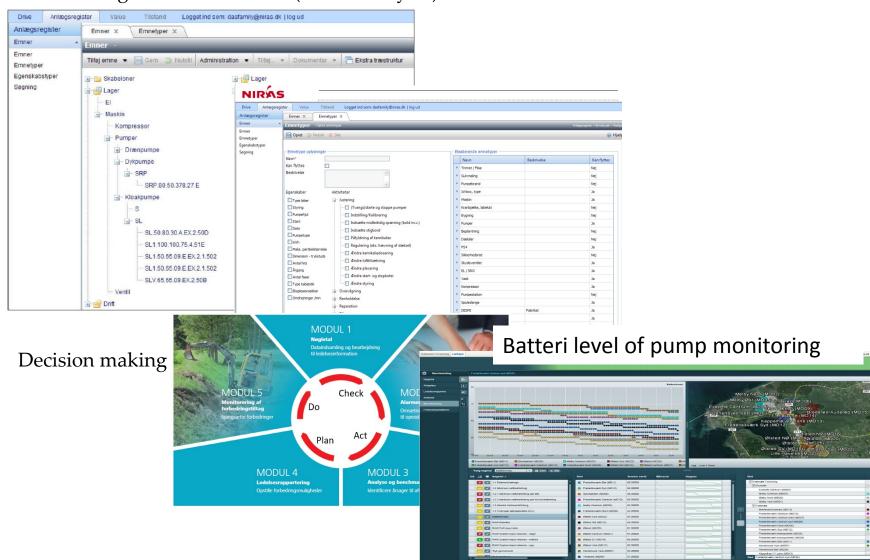




	Production Distribution Demand Storage
Operation	
Planning	
Others	

NIRAS Services and Tools

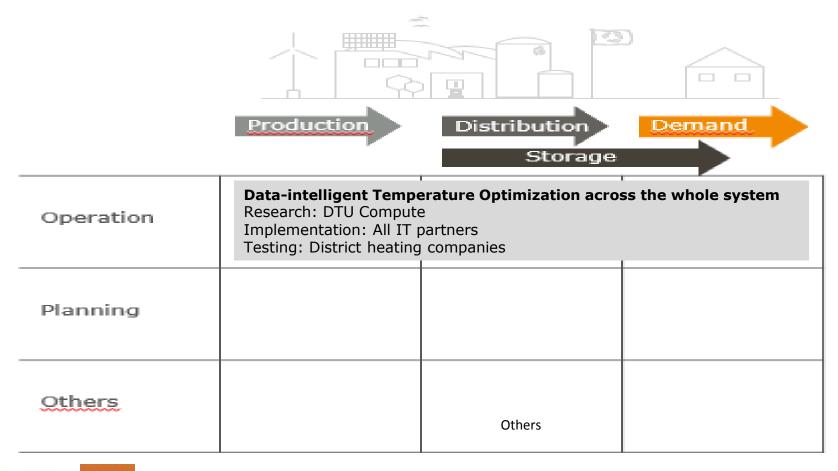
Asset management for Utilities (whole lifecycle)



Data-intelligent Temperature Optimization across the whole system

An activity example























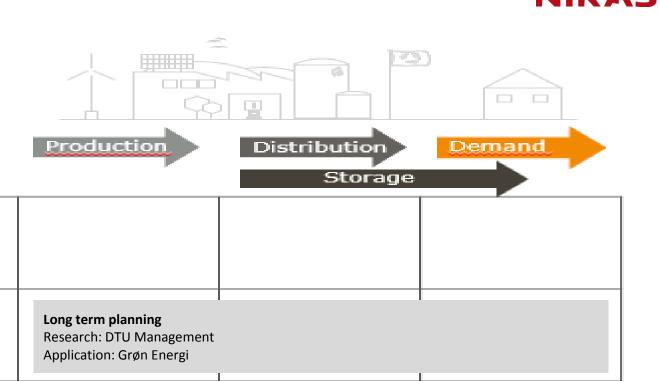
Data-intelligent Temperature Optimization across the whole system

An activity example

Operation

Planning

Others









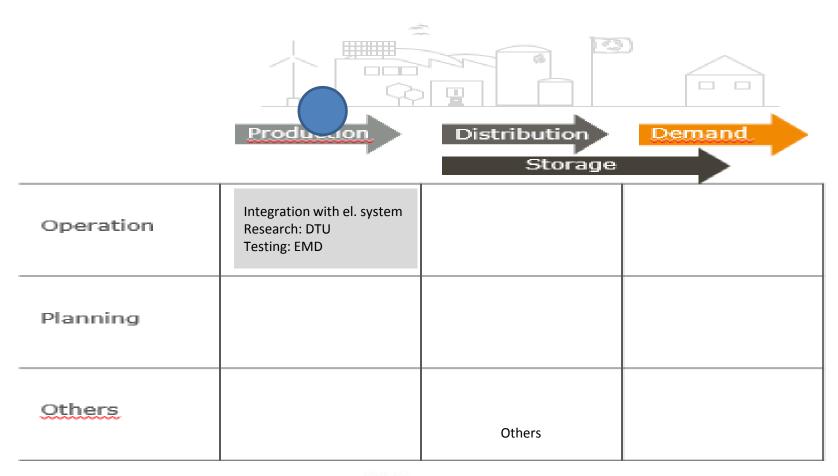




Others







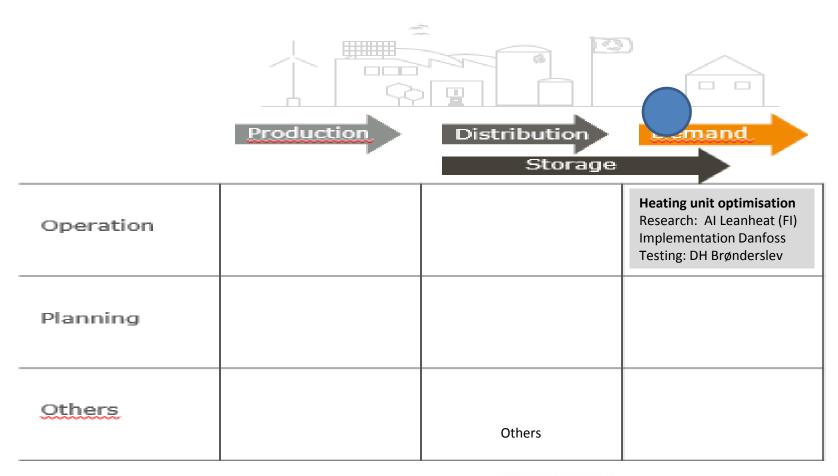










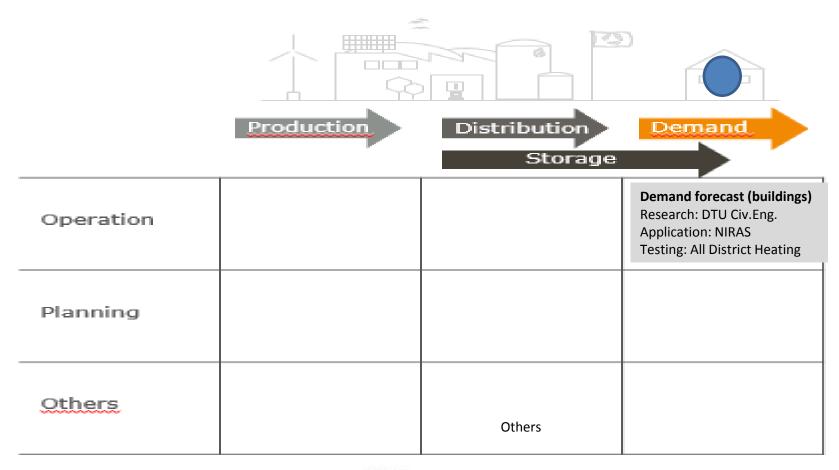












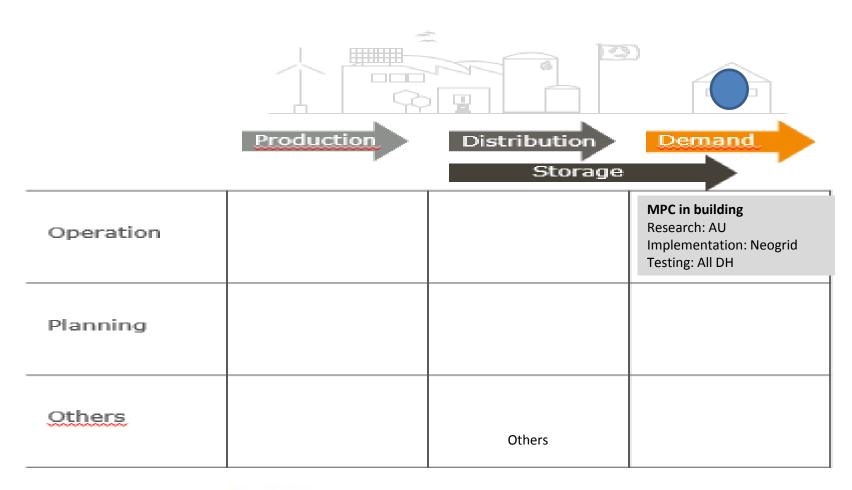






















ALL THIS GOES TOGETHER INTO HEATman

