

PREDICTIVE HEATING CONTROL SYSTEM TO OPTIMIZE DISTRICT HEATING NETWORKS AND SAVE 25% OF ENERGY



Energy Start-up day 2023
Dr. Sebastian Hersberger, Co-CEO

DISTRICT HEATING NETWORKS ARE NOT MANAGED WELL & CONSUME UP TO 25% MORE ENERGY THAN NECESSARY



Inadequate Network Capacity
Hindering Growth and
Efficiency



Challenges in Managing Peak
Loads Leading to Excessive
Energy Demand



Lack of Real-time Monitoring,
Data, and Control Impeding
Operational Optimization

OUR SOFTWARE KNOWS THE THERMAL DYNAMICS OF EACH HOUSE AND OPTIMIZES CONTINUOUSLY



Digital Twin

We know every building within the network



Machine Learning

Learns automatically about building thermal dynamics



Connected Network

We enable automatic error detection, remote intervention and simplify billing processes



Model Predictive Control

Required heating-power is predicted with different inputs including weather data

WE HAVE A MARKET READY PRODUCT (SOFTWARE & HARDWARE) WITH WEBAPP & DASHBOARD



Heating control unit



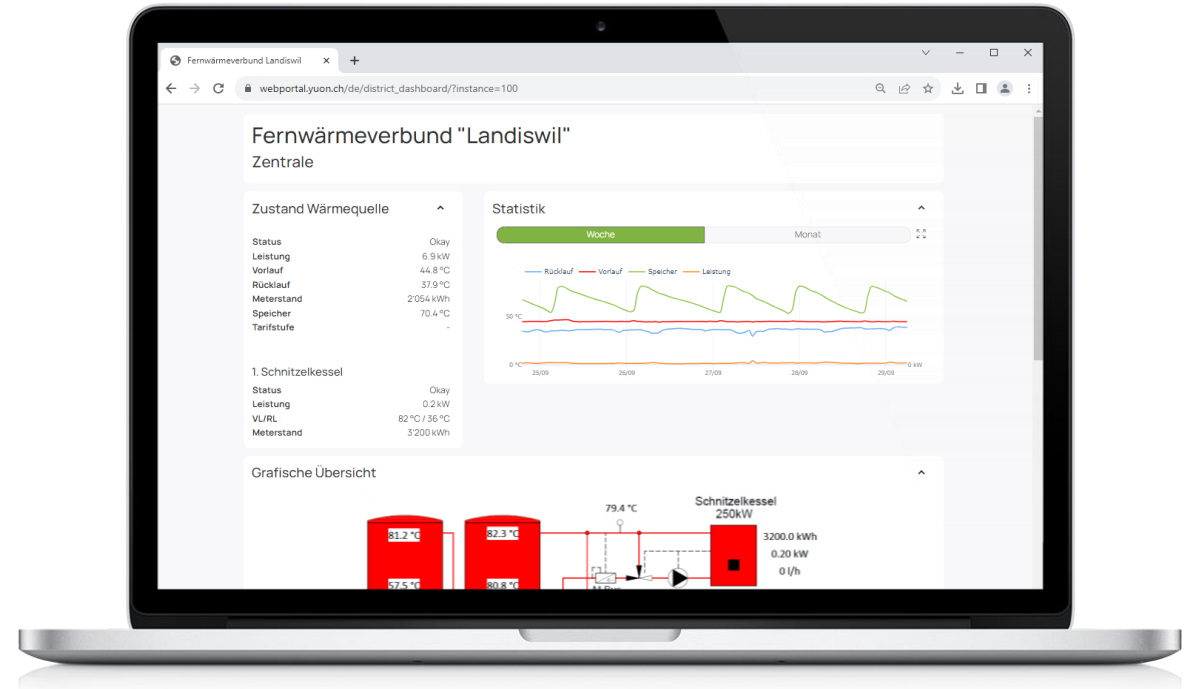
High-efficiency pump



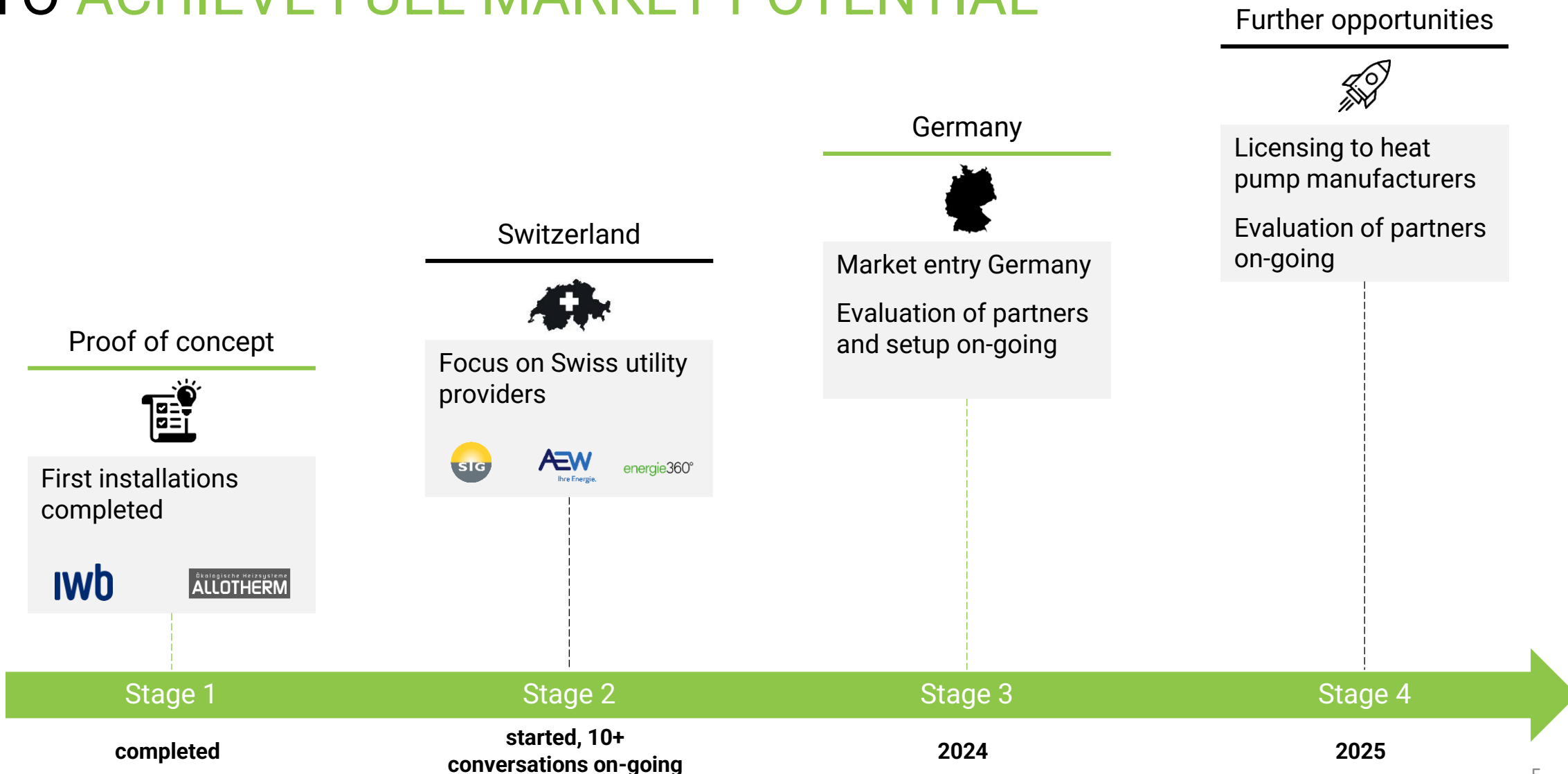
webapp (user)



sensors



BOOTSTRAPPED UNTIL NOW; FUNDING ROUND IN Q1 2024 TO **ACHIEVE FULL MARKET POTENTIAL**



WE ARE A **MULTIDISCIPLINARY** TEAM WITH INDUSTRY EXPERIENCE & NETWORK AND A COMMON AMBITION



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Marketing Manager



Nick Rölli
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Hiring

NOW IS THE TIME TO ACT AND SAVE ENERGY AND REDUCE
CO2 EMISSIONS; WE ARE LOOKING FORWARD TO HEARING
FROM YOU!



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