



36th Euroheat & Power Congress

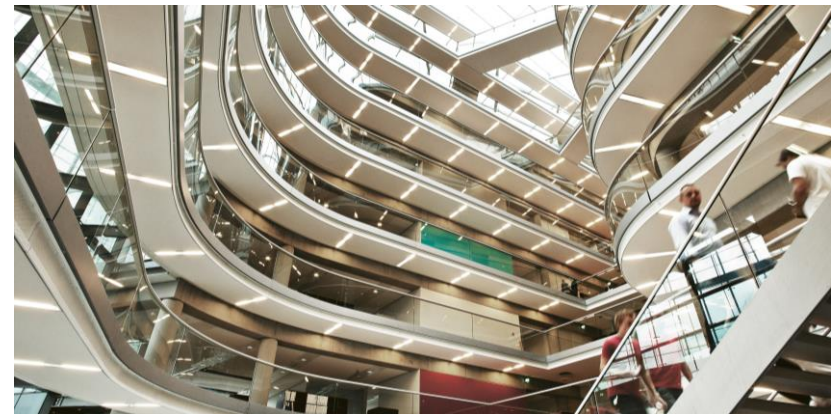
27-28 May 2013, Vienna, Austria

AUTOMATED MAPPING OF PROFITABLE DISTRICT COOLING AREAS

TAREK BARKY,
MARKET MANAGER - DISTRICT COOLING
RAMBOLL



- Ramboll is a leading engineering, design and consultancy company founded in Denmark in 1945
- We employ close to 10,000 experts across 19 countries and over 200 offices.
- Ramboll is the Nordic region's leading consultancy and Europe's fourth largest consultancy with a significant presence in India, Russia and the Middle East





■ Q:

- WHAT ARE THE TWO MOST IMPORTANT, BASIC VARIABLES THAT DETERMINES THE PROFITABILITY AND SUCCES OF A DISTRICT ENERGY SYSTEM?



HOW DOES A DISTRICT COOLING PROJECT COME TO LIFE?



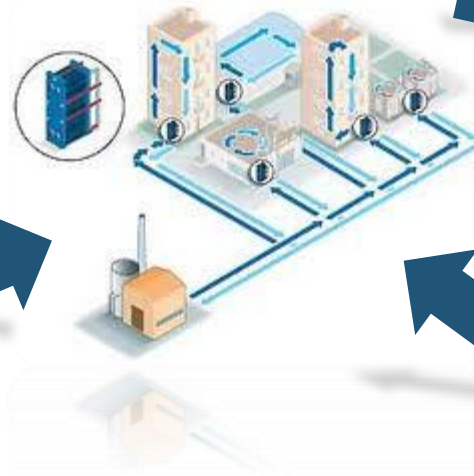
HOW DOES A DISTRICT COOLING PROJECT COME TO LIFE?



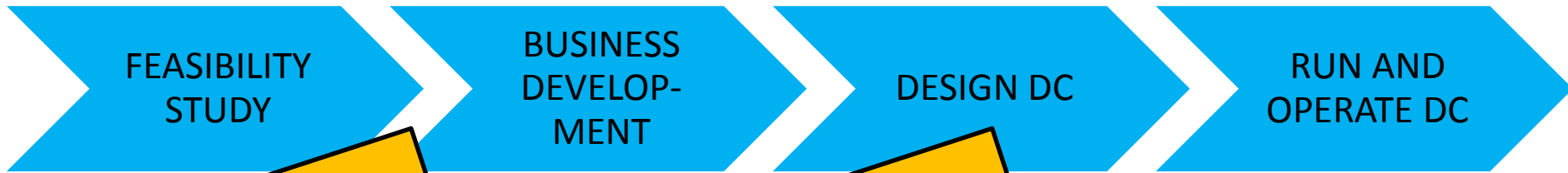
Profitable cooling area



Utility company



Long-term investor



PROFITABILITY ANALYSIS

COST BUDGET

PRICING STRATEGY

RISK MANAGEMENT

OPTIMIZE YOUR EFFICIENCY

LOAD PROFILE



■ Q:

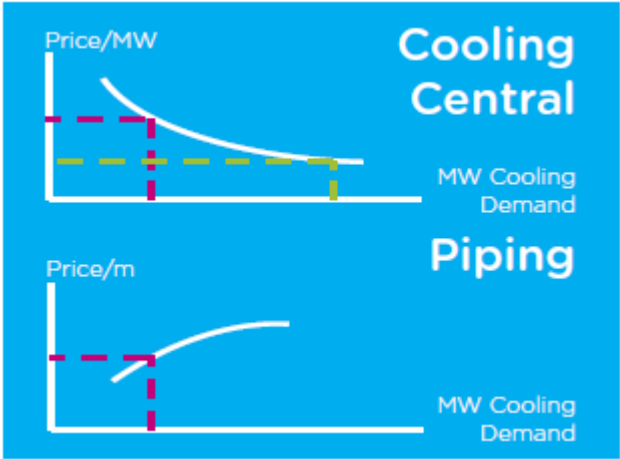
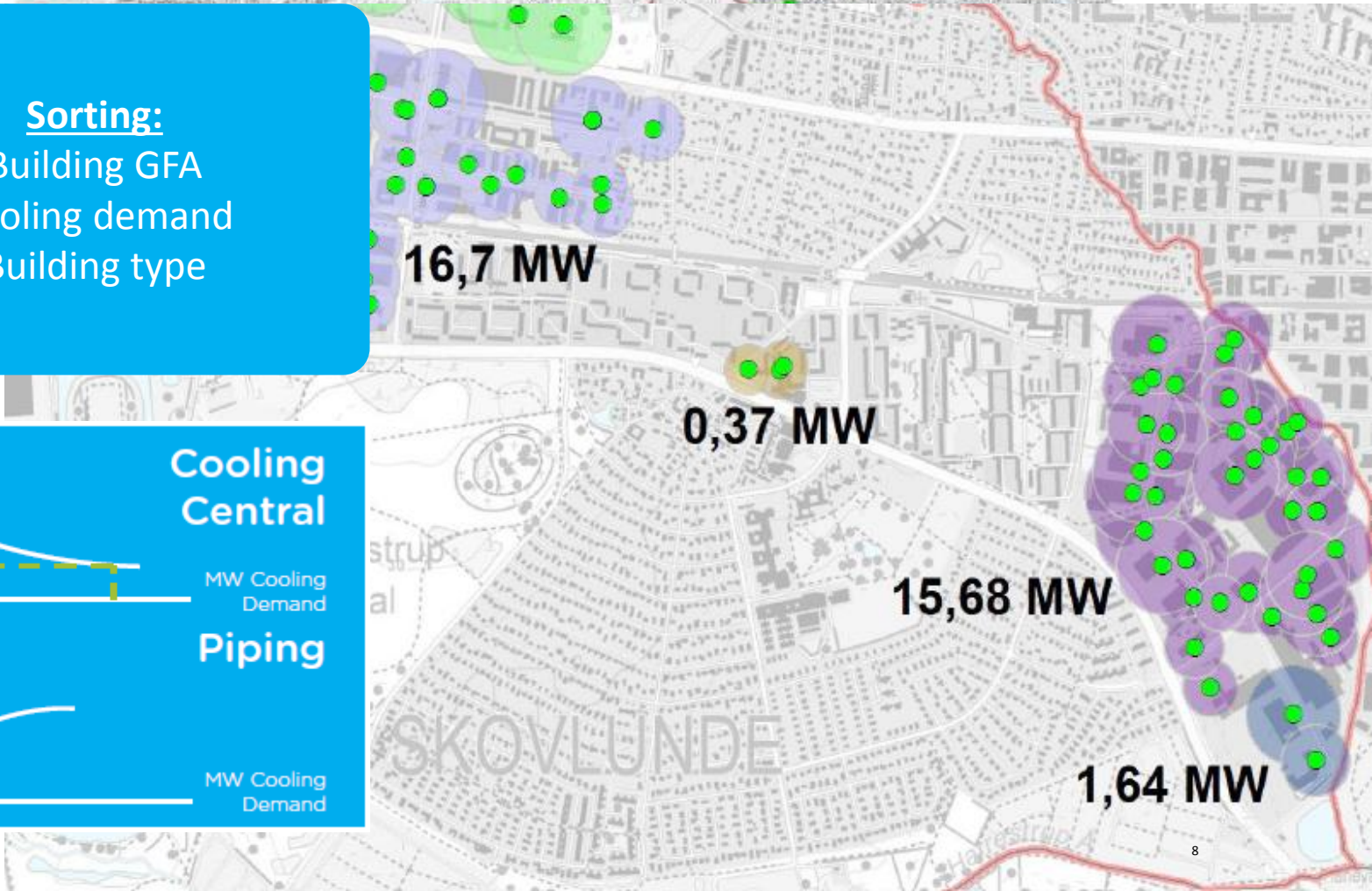
- WHAT ARE THE TWO MOST IMPORTANT VARIABLES THAT DETERMINES THE PROFITABILITY AND SUCCES OF A DISTRICT ENERGY SYSTEM?

■ A:

- THE DEMAND FROM THE CONSUMERS AND THE DISTANCE BETWEEN THEM



Sorting:
 Building GFA
 Cooling demand
 Building type





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