

# Heat Pumps in Non-Residential Buildings

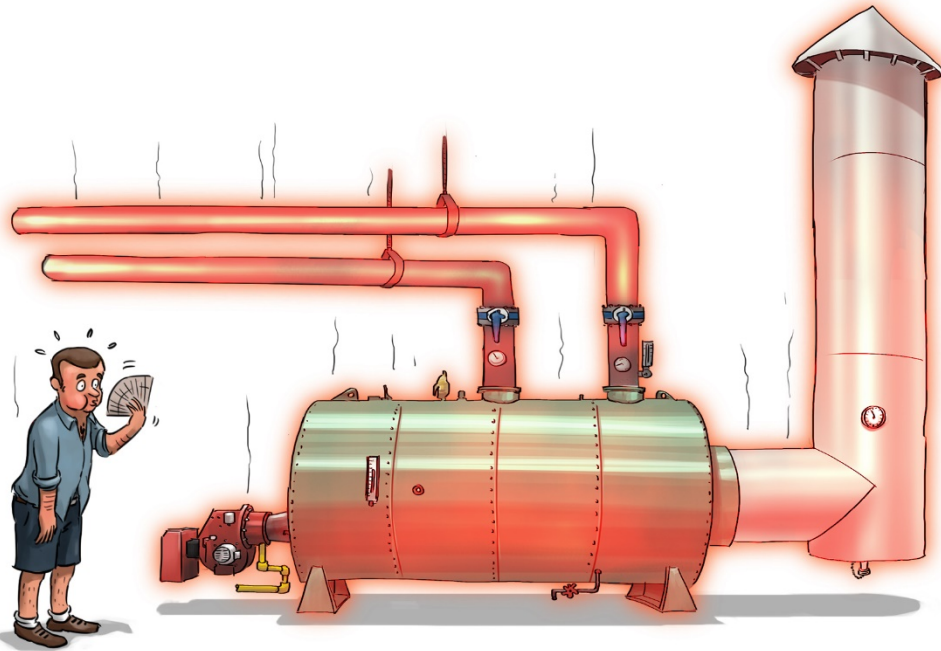


ecosystem

Specialists in  
Energy Ecosystems



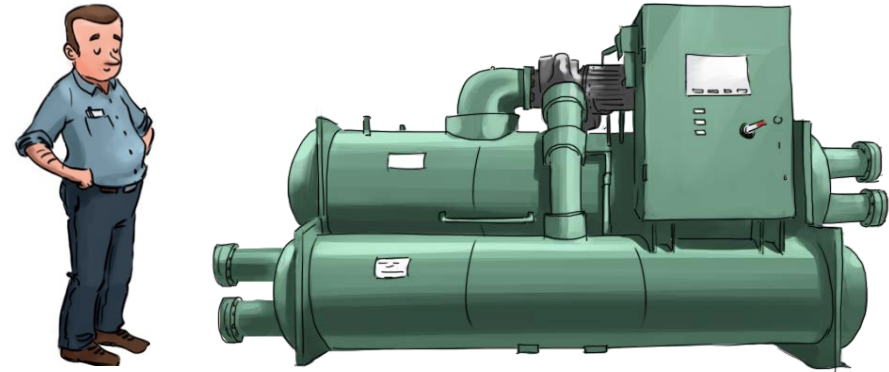
# Competitive Advantages of Heat Pumps



Oil Boiler: 1.0 ton CO<sub>2</sub>

Gas Boiler: 0.7 ton CO<sub>2</sub>

Steam: 0.6 ton CO<sub>2</sub>



Electric Heat Pump: **0.2 ton CO<sub>2</sub>**

# Emerging Technologies and Applications



Heat Recovery



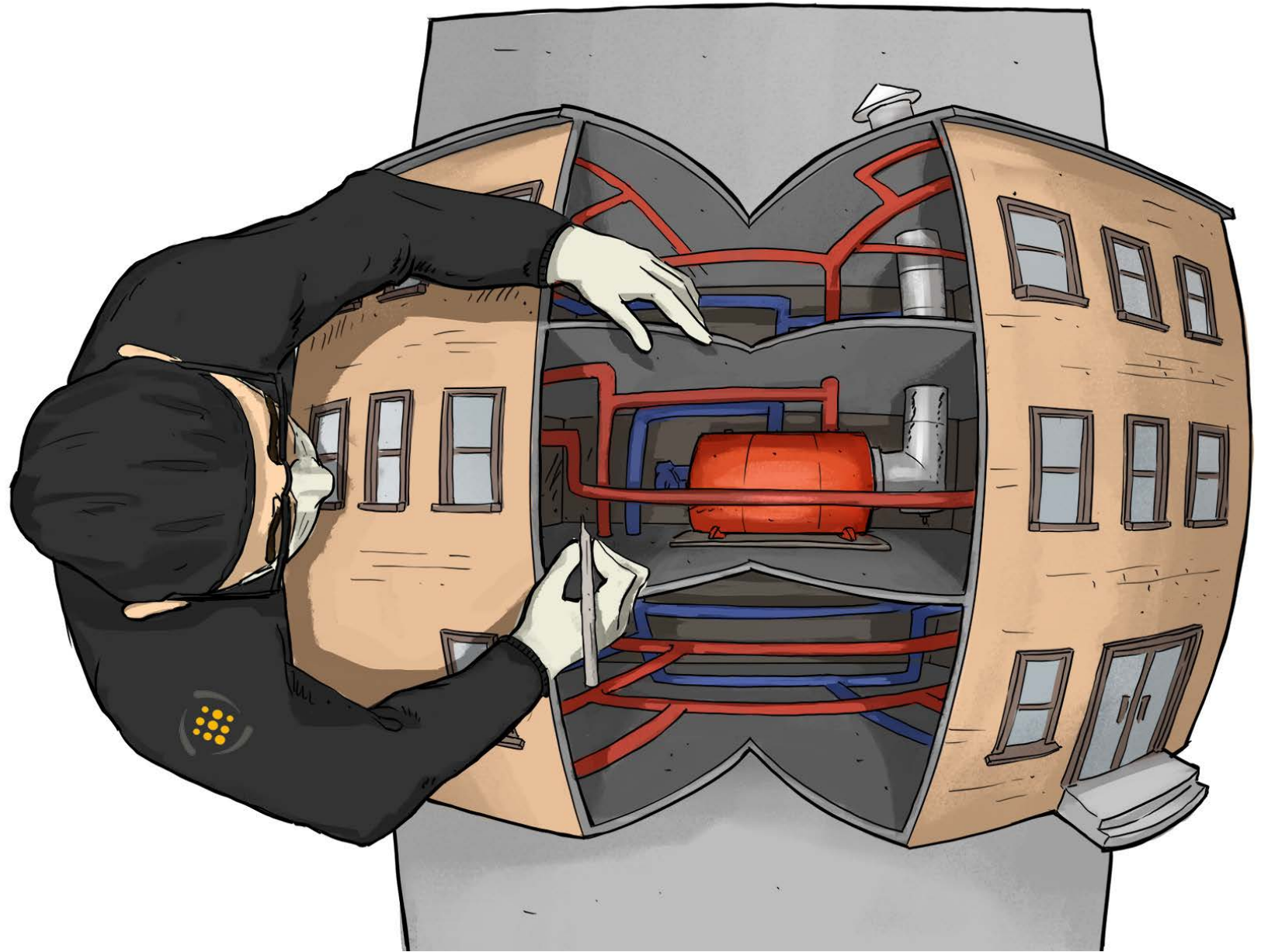
Ground-Source



Air-Source

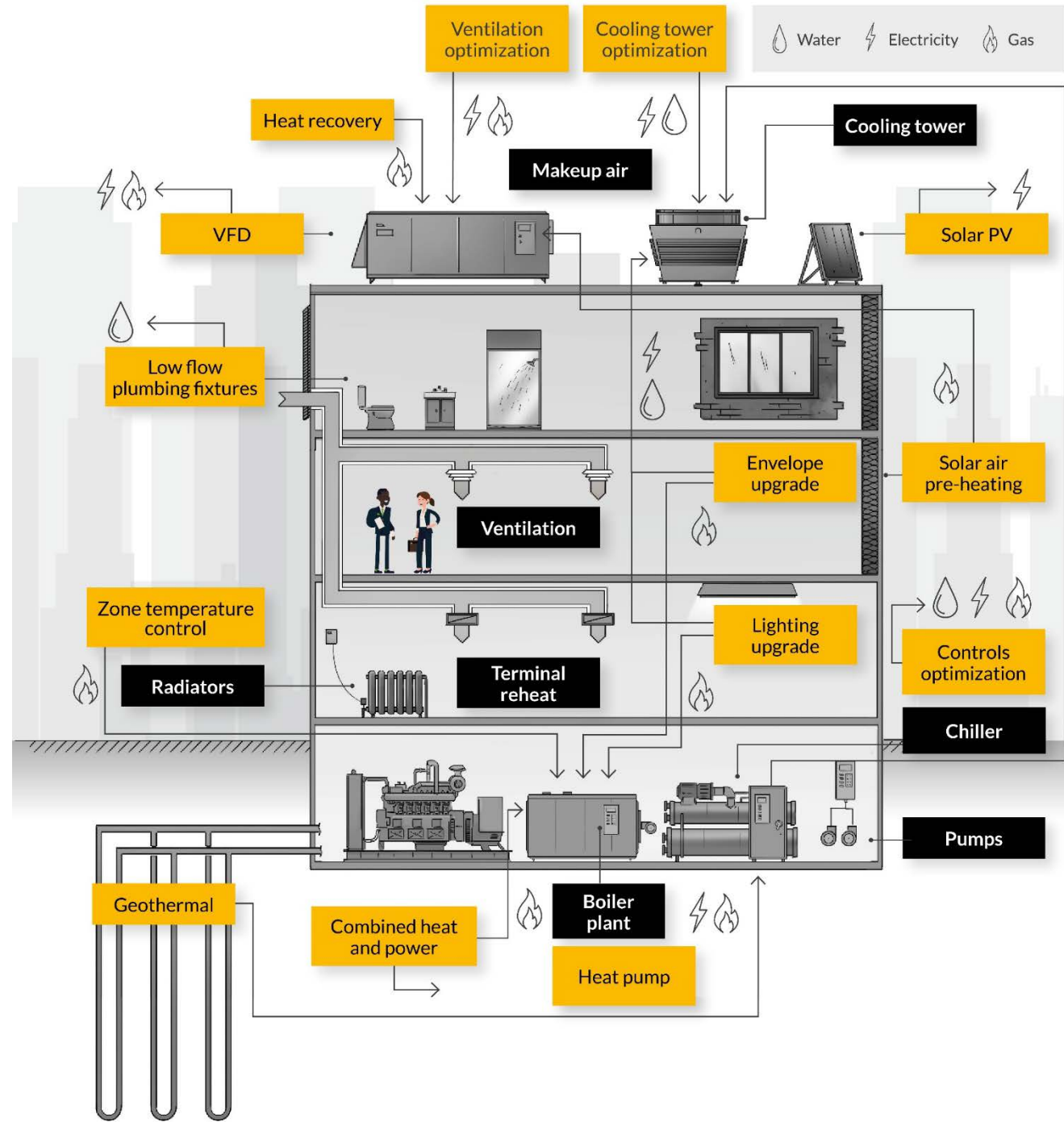
# Integrating Heat Pump Technology

Modifications  
to the Building  
Energy Ecosystems



# Business Model Innovations

Enables Deep Retrofits, Integrated Projects



**Business  
Model Innovations**

Alignment of  
Interests

True Commitment to  
Delivering Results



**Business  
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**Integrated Energy  
Performance Contracting**



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