

22  
expo  
acaire  
2023



**District Energy**

LATAM Conference 2023

SEP 27 - 29 | CARTAGENA | CO



Cartagena

| 27, 28 y 29 de septiembre |

# An Innovative approach to measure and control Energy

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Product Manager

(28/10/2023)

**Scott Reed**  
**Product Manager Belimo**

**Profile:**

**For the past 12 years I have been dedicated to bringing to market Energy Efficient products that help improve occupant comfort, reduce energy consumption, and help reduce carbon footprint**



## Frases como/Phrases like:

***“Hable bien, como un varón” (“You should talk like a man”)***

***“Si fueras más femenina te iría mejor en la vida” (“You should act more feminine.”)***

**Son microagresiones (are microaggressions)**

# The history of heating and cooling



Building performance was not

As a result of this, 'historical' buildings are now an integral part of the global energy system

**25%**  
global water



40% energy consumption for heating and cooling

**40%**



6% world's energy for cooling buildings

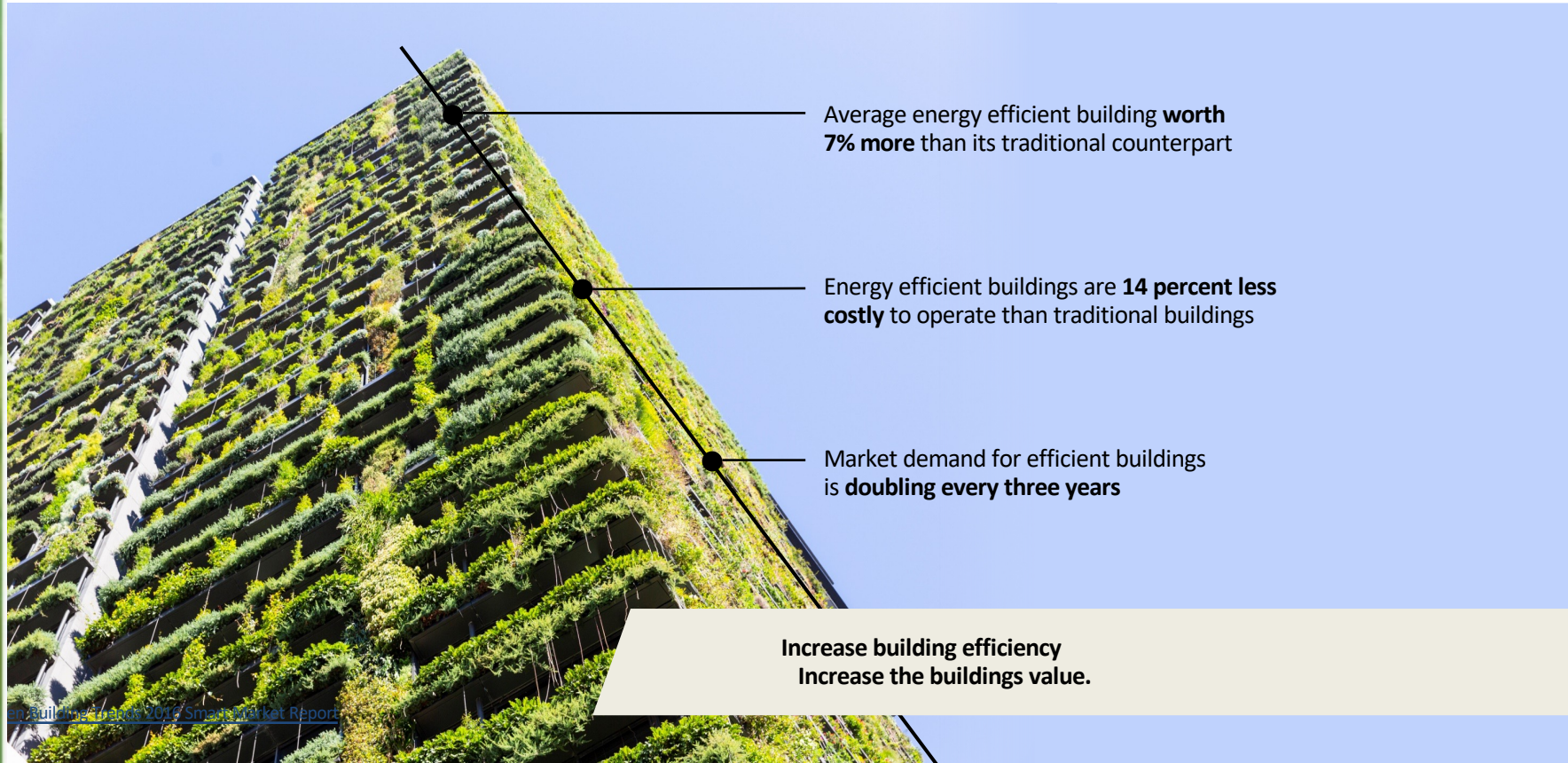
**1/3**

High efficiency equipment provides **opportunity for change**



Buildings must be **energy efficient** to realize their potential

# Market Drivers



Average energy efficient building **worth 7% more** than its traditional counterpart

Energy efficient buildings are **14 percent less costly** to operate than traditional buildings

Market demand for efficient buildings is **doubling every three years**

**Increase building efficiency  
Increase the buildings value.**

# Priorities are changing

Green building  
vacancy rates  
4% lower



Market demand doubling  
every 3 years



Regulation and  
legislation



Average green building  
worth **7% more** than  
traditional counterpart



Commercial tenant  
demands

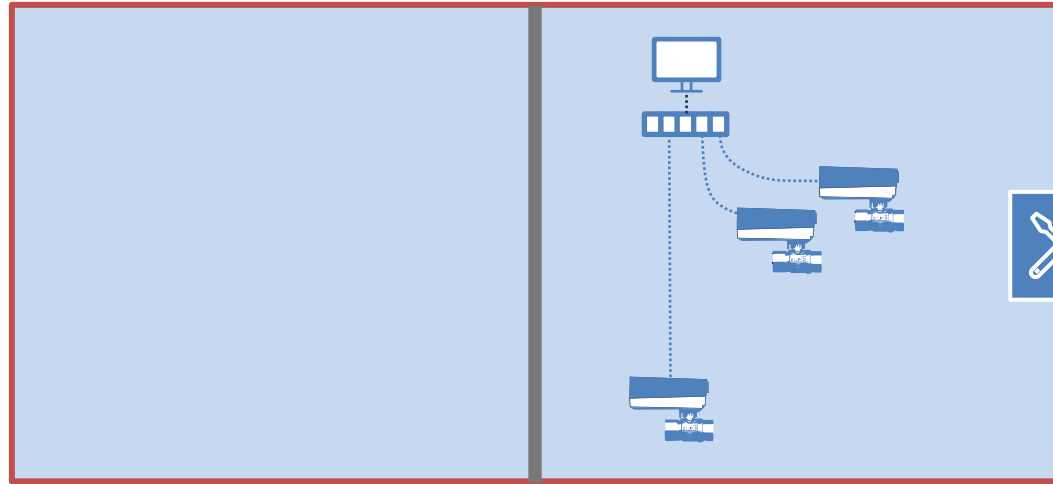


Financial aid

**Heating and cooling systems need  
to support these initiatives**

# Energy management in buildings is evolving

HVAC Control



Inefficient systems

The history

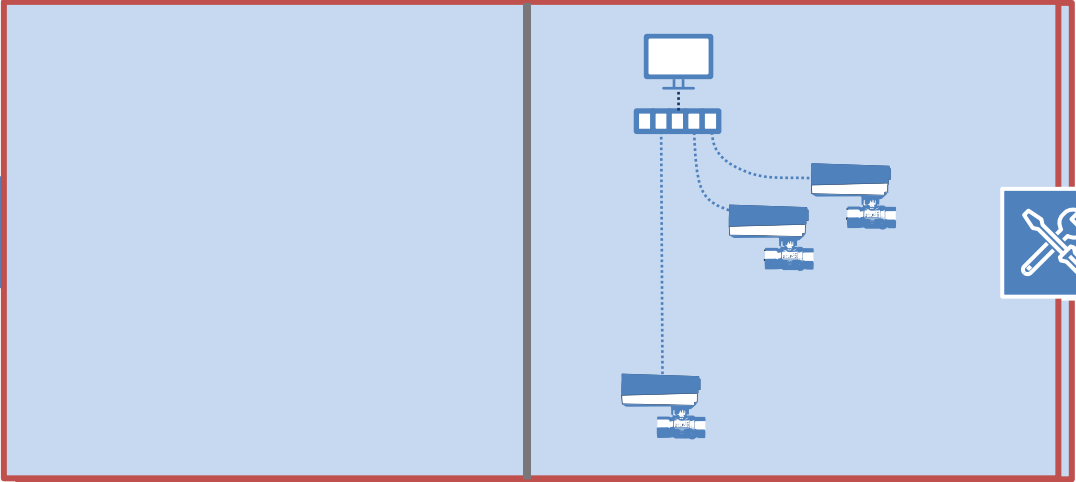


# Energy management in buildings is evolving

Energy metering

HVAC Control

Data but no insight



Inefficient systems

Meter Older systems stream



# Energy management in buildings is evolving



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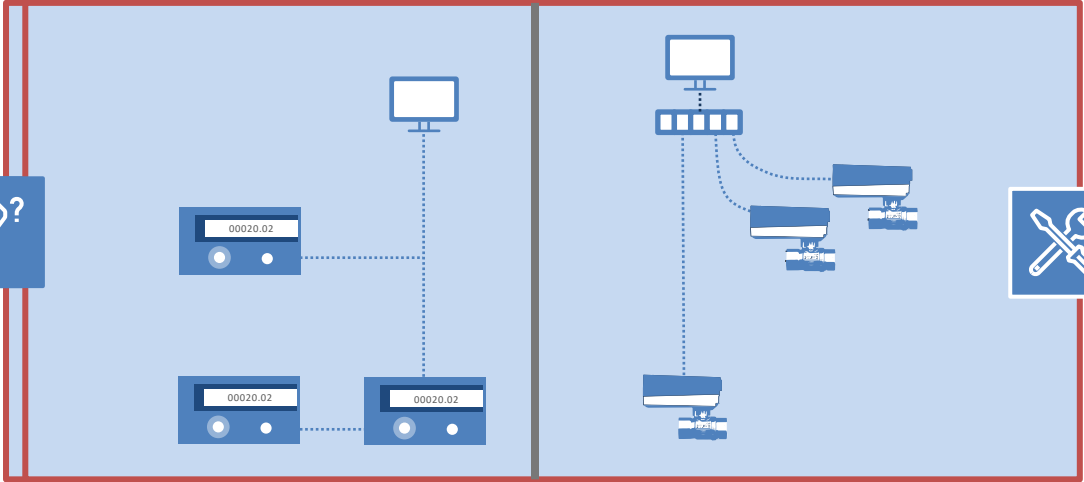
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Energy metering

HVAC Control

Data but no insight



Efficiency systems insight

Meters become main stream



# Energy management in buildings is evolving



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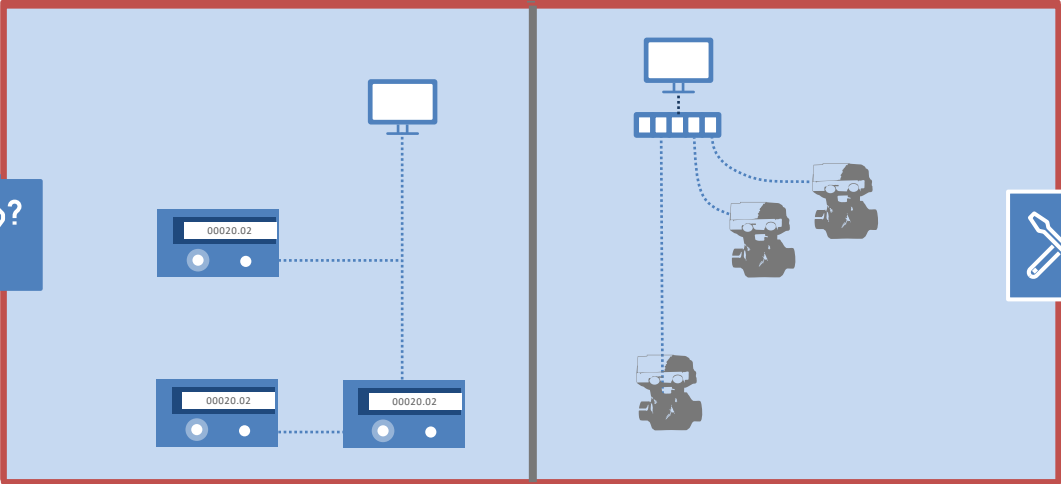
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Energy metering

HVAC Control

Data but no insight



Some efficient gains no insight



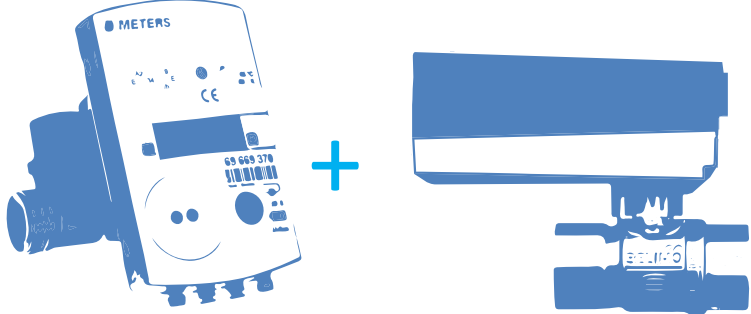
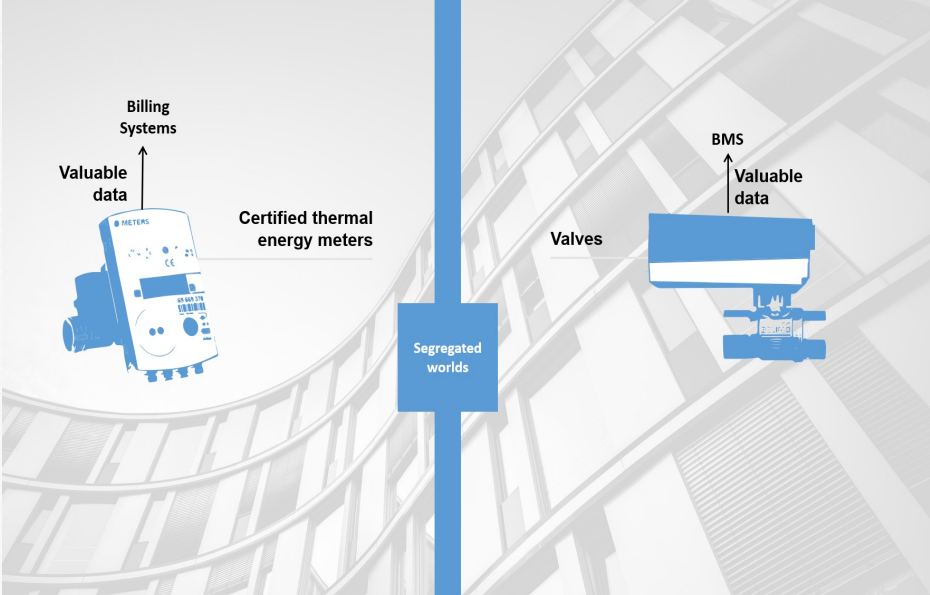
Insight, control & energy savings



Pressure Independent Valves



# Bring together what belongs together





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**¡GRACIAS!**

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