



A I R T I G H T[®]



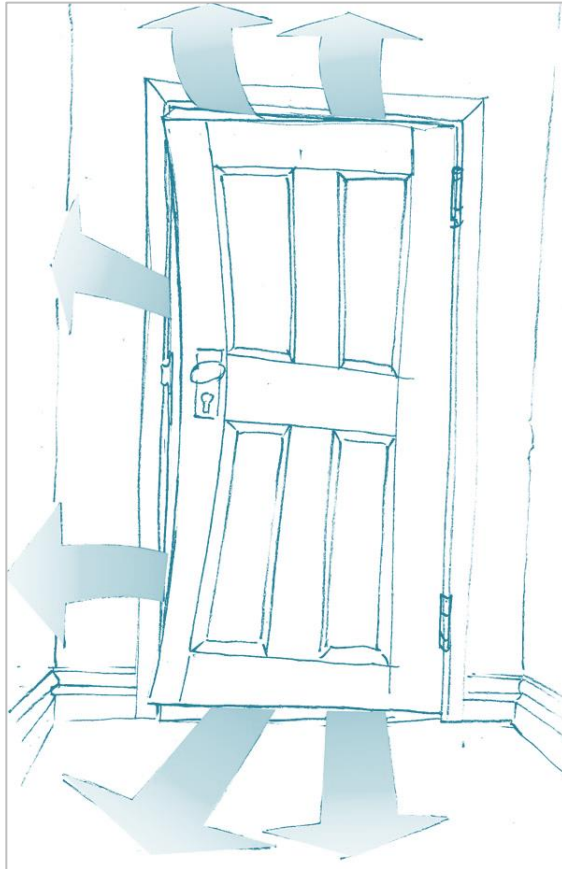
A I R T I G H T[®]

Helping the world to reach its climate goals

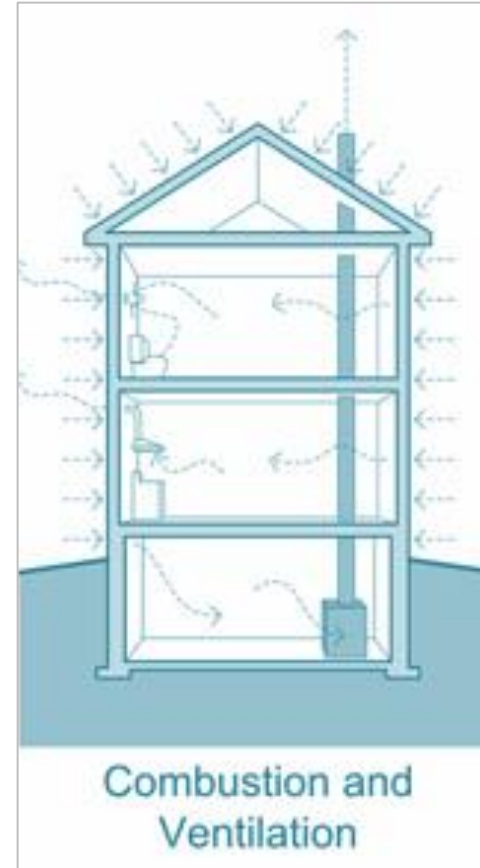
By reducing energy waste from buildings

The local challenge

Energy leakages are felt as drafts



Energy leakages are felt as drafts

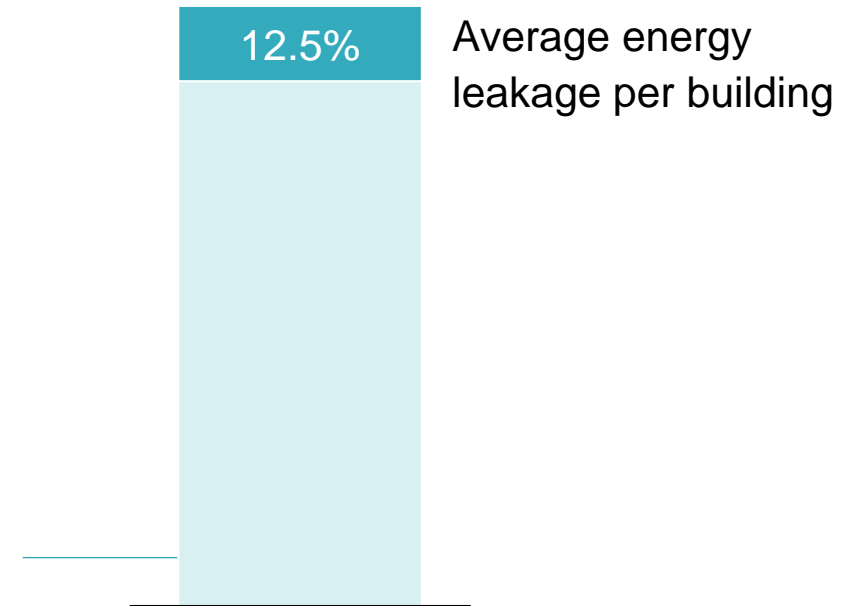
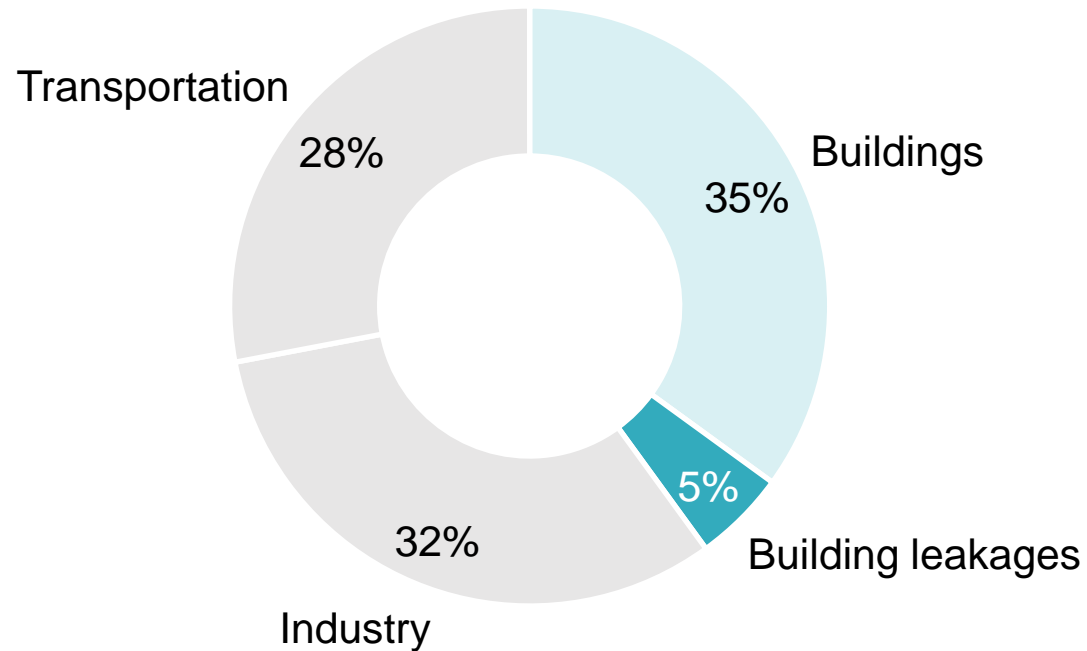


That draft is often caused by the ventilation system

The global problem

5% of energy used globally, leaks out of buildings

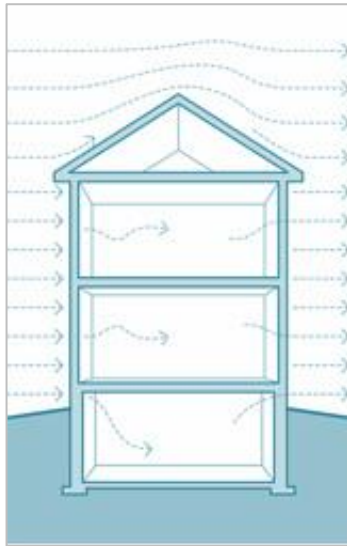
Global energy consumption
split by industry



The physics

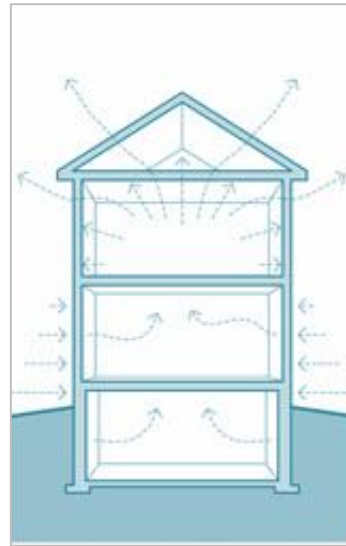
Three complex elements – made easy with Airtight Autopilot

The wind effect



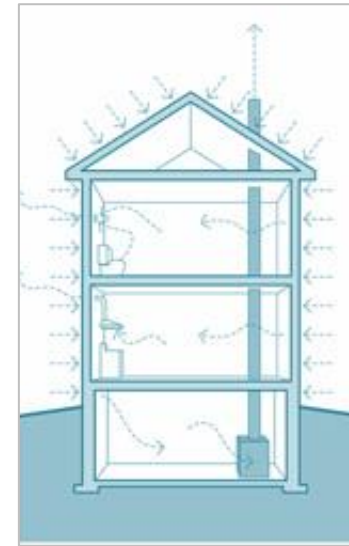
Wind is a natural occurring cause of pressure differences at buildings

The stack effect



Stack effect (chimney effect) is created by the difference between exterior and interior temperatures

The ventilation effect

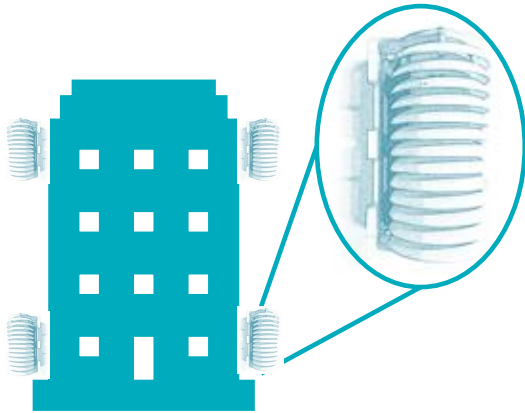


Mechanical ventilation systems use fans to create pressure differences to move air into, out of, and within buildings

The instant solution

Dynamic ventilation management – installed and integrated quickly

Proprietary sensors
collecting relevant data



4-hour average
sensor installation
time per building



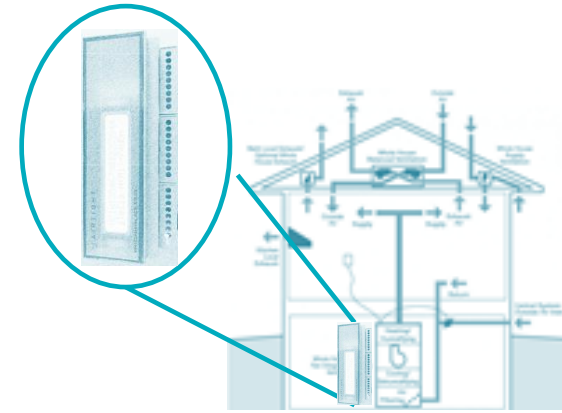
Cloud based, intelligent
calculations using own
developed algorithms



Instant database
upload



Control signal output sent
back to ventilation system
for dynamic ventilation
management



<1-day average
ventilation
integration per
building

800,000m² PILOTING AND TESTING



MÖLLER
EIENDOM



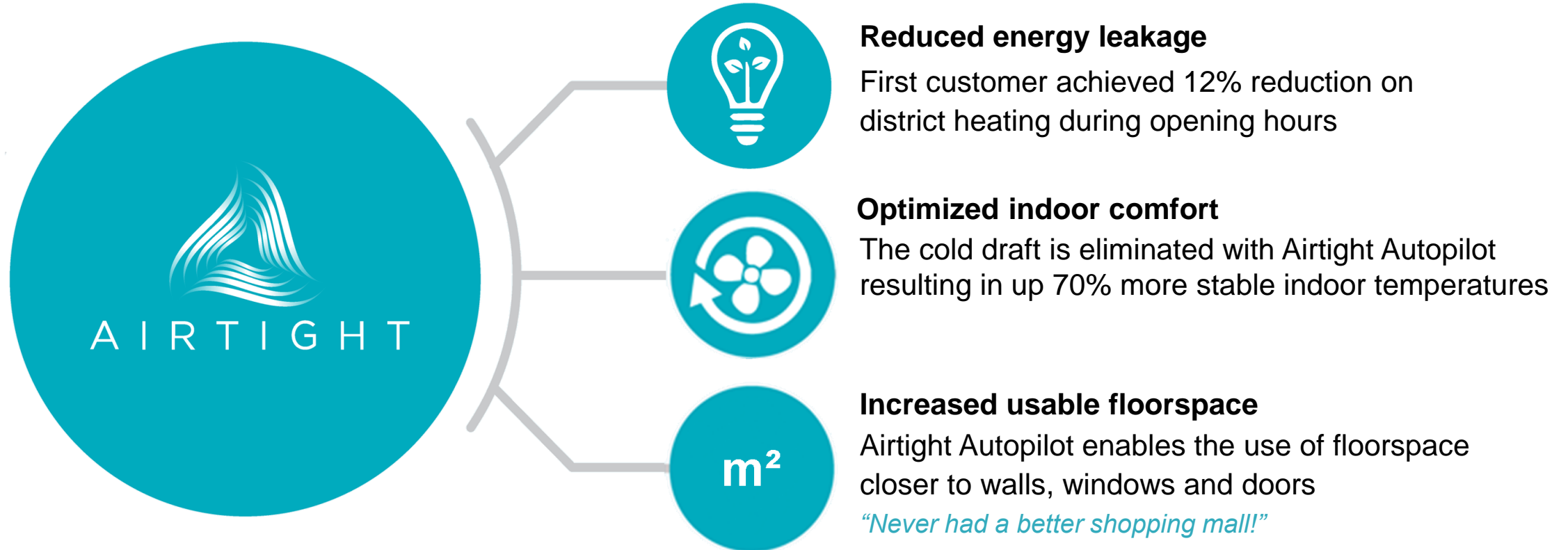
SELVAAG
EIENDOM

entrod

intertek
Total Quality. Assured.

BANE NOR

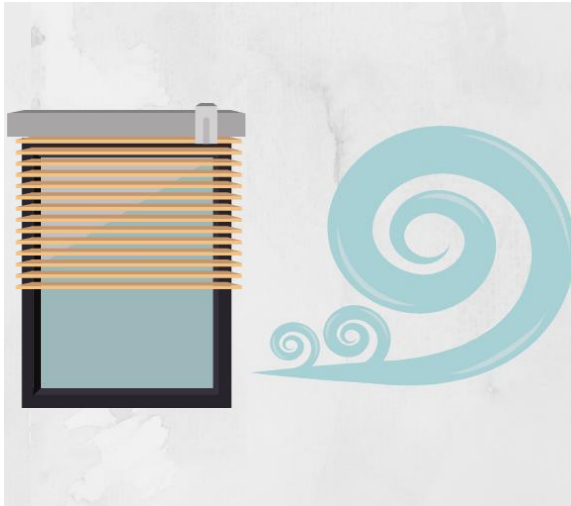
The effect



The customer value

Making money while solving problems

Eliminating the cold draft ...



... and adhering to regulatory requirements ...

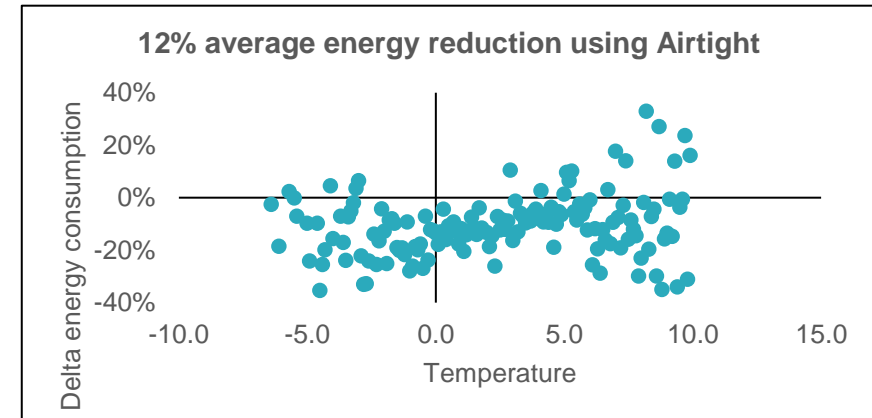
New York City bill requiring buildings to cut greenhouse gas emissions is world's first

Phil Dzikiy - Apr. 19th 2019 10:22 am ET [@phildzikiy](#)



The council's bill requires buildings to cut their emissions 40% by 2030, and 80% by 2050, relative to 2005 levels. The law would apply to buildings exceeding 25,000 sq ft. (2,300 sq. meters).

... paid for through reduction in energy consumption



If you want to reduce energy leakages in your building, please don't hesitate to reach out

Erik Lundby

el@airtight.ai | [linkedin.com/in/eriklundby/](https://www.linkedin.com/in/eriklundby/)

Phone: +47 924 00 396

www.airtight.ai



A I R T I G H T[®]