

RENSAIR

Clean Air. Certified.

Decarbonizing buildings by lowering ventilation energy consumption

- Reduce ventilation Energy Consumption and Carbon Footprint by >40%
- Ensure good Indoor Air Quality (IAQ)
- Achieve an immediate payback - no or low CAPEX options

Clients trust Rensair



Rensair is a specialist in sustainable and energy efficient air quality solutions

Sustainability

Value Proposition

Reduce energy consumption and carbon emissions, improved IAQ*

Target markets

Commercial real estate, healthcare, universities, government

Health

Value Proposition

Reduce risk of airborne disease transmission, improved IAQ*

Target markets

Hospitals, primary care, senior living, offices

Transport

Value Proposition

Reduce risk of airborne disease transmission, improved IAQ*

Target markets

Trains, buses, cars and taxis, underground train stations



The world's leading institutions trust Rensair

HEALTHCARE



GOVERNMENT



UNIVERSITIES/EDUCATION



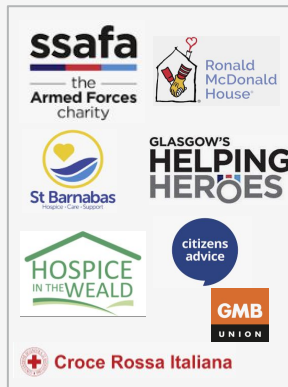
FACILITY MANAGERS



MEDIA



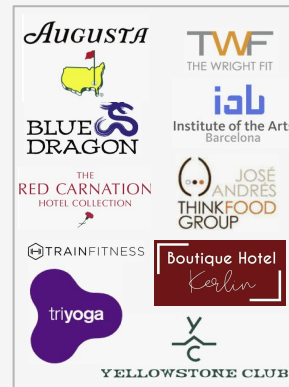
NOT-FOR-PROFIT



CORPORATES



OTHERS



INFRASTRUCTURE

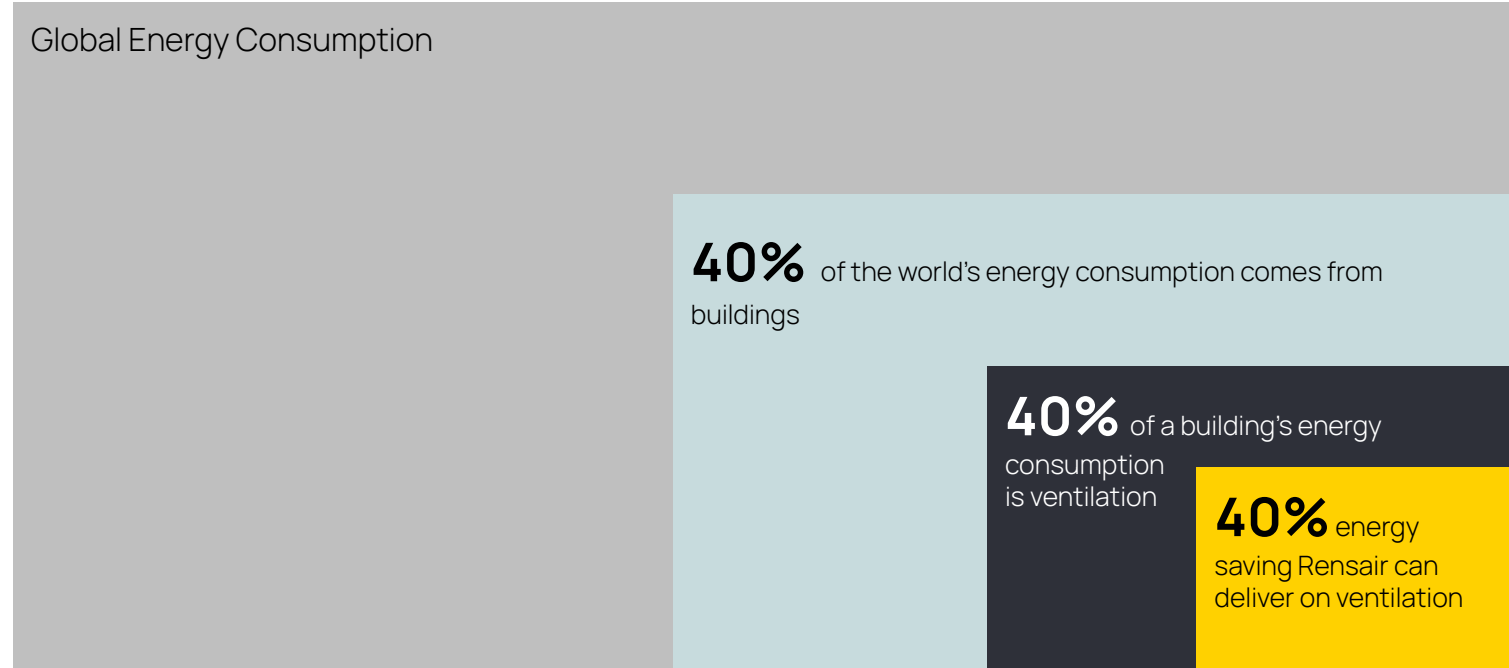


RENSAIR

SOLUTION: SDCV

Suitable for offices and similar occupied spaces

Need to rethink how buildings are ventilated



Need to rethink how buildings are ventilated

Facts



Indoor Air Quality (IAQ)
is vital to human health



Building ventilation is energy intensive,
damaging the environment



Office occupancy is
low and unpredictable

Challenges

1

Optimise the ventilation rate
for good IAQ and prevent wastage

2

Trade-off between sufficient
ventilation and reaching Net Zero

3

Confront rising
energy costs

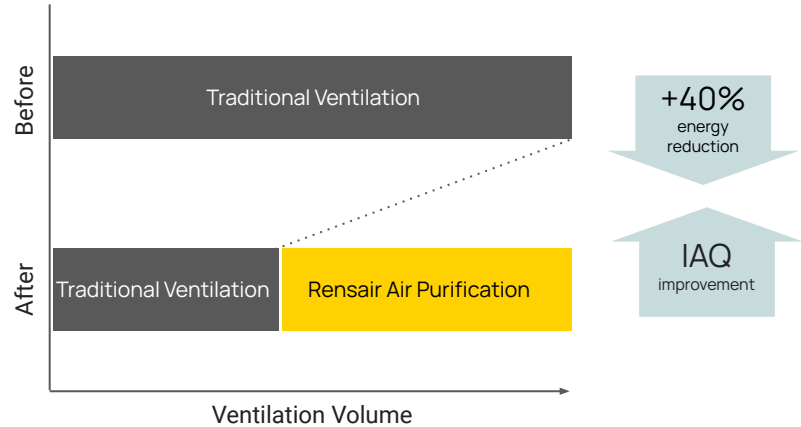
Rensair Smart Demand Controlled Ventilation (SDCV)

Energy Consumption per f3 of Air:
Rensair air purification is far cheaper

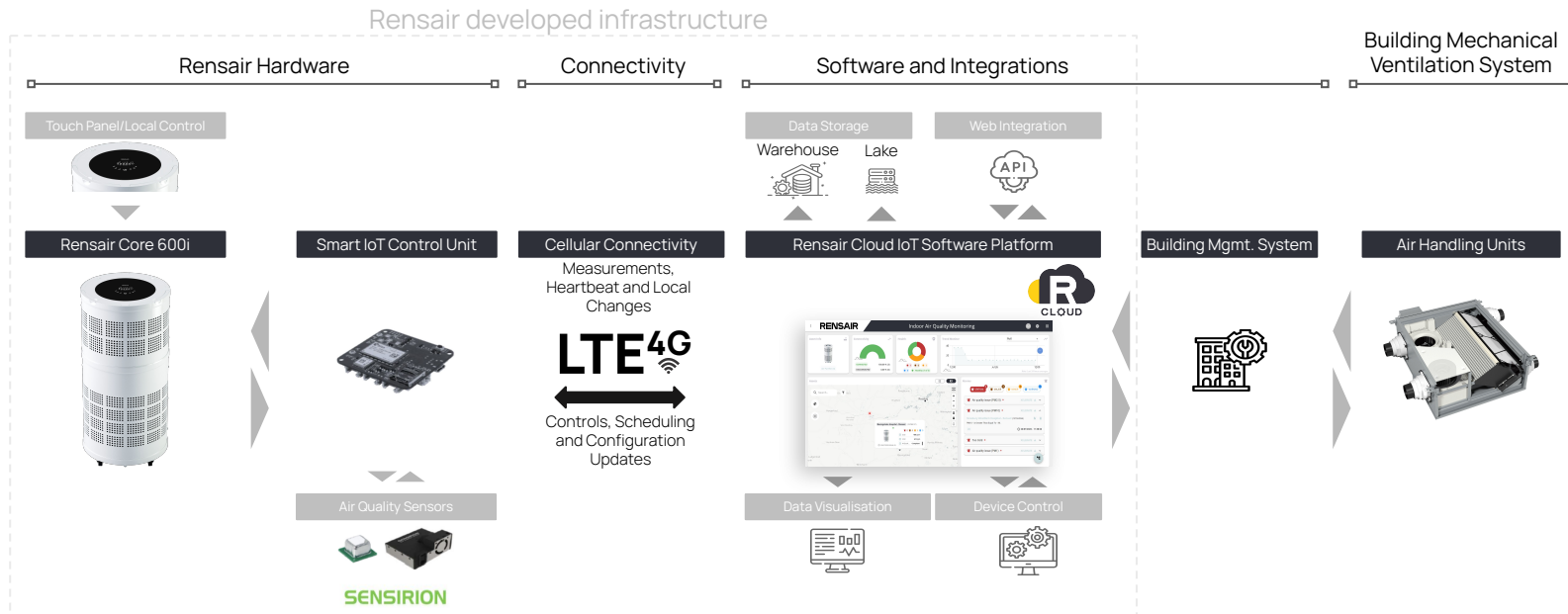
New Ventilation Mix:
Reduce outside air intake, substitute with air purification

9x less energy

Rensair Energy Consumption: 0.017 Watts per f3
Typical Ventilation System: 0.156 Watts per f3



Enabled by state-of-art air purification technology with IoT connectivity



Case Study: 53% energy reduction and 384 tonnes CO2e savings

Realised data from London office of Fortune 500 company, annual savings



Building Specs

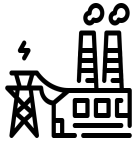
1,200 people office
14 floors, 83,000 f2
Central London location



Energy Saving, HVAC

53%

541,903 kWh Saved



Carbon Emissions

384
tonnes



50 homes
annual energy



Building Specs

IAQ

improvement

CO2, PM, VOC,
Humidity, Temp



Simple implementation

Implementing Rensair is simple and can be done in weeks



Immediate Return on Investment

Rensair offers two payment models to suit client preferences

OPEX - Subscription Model

- Subscription service with monthly all-in fee
- Monthly Energy Saving offset Monthly Subscription
- ROI: Immediate with lower emissions and better air

CAPEX - Equipment Purchase

- Purchase equipment upfront
- Low annual maintenance costs
- ROI: 1-3 years

Simple implementation

Floor implementation:

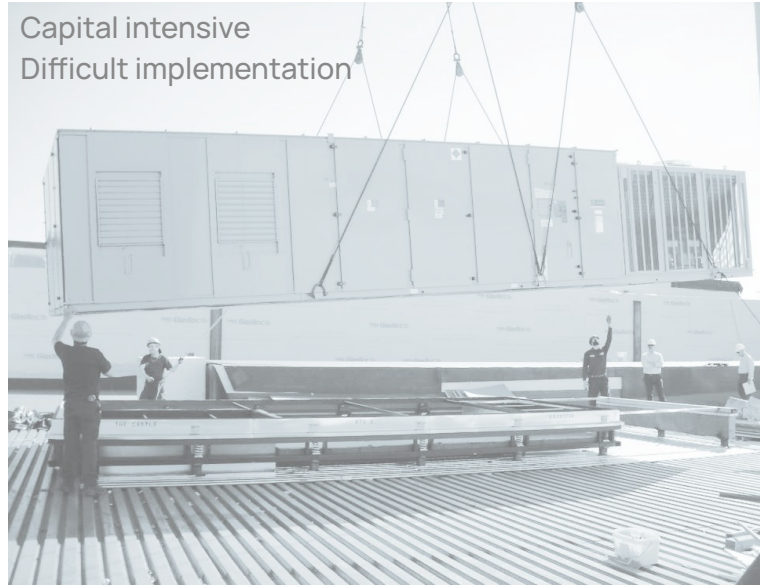
Exact locations of devices will be determined during the kickoff meeting based on desk layout, power socket availability and room usage



Alternative solutions require larger interventions and are CAPEX intensive

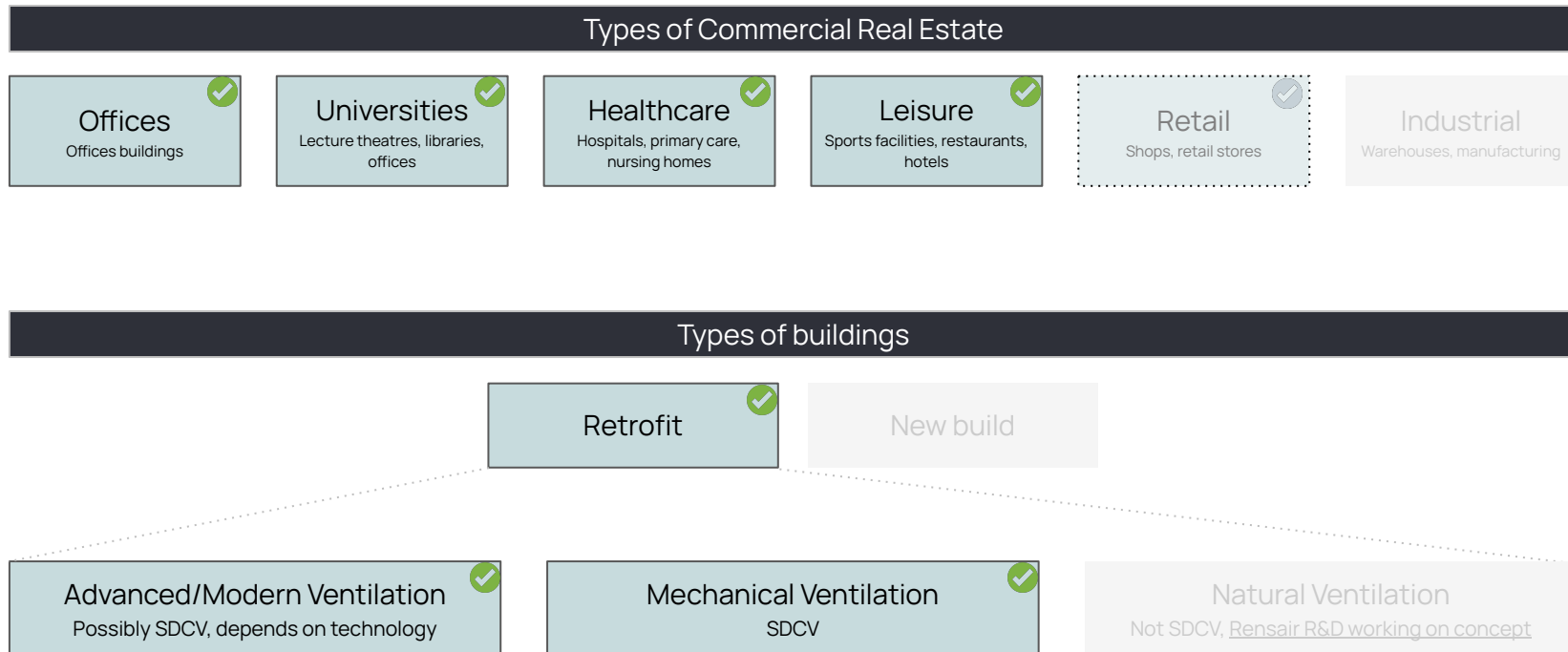
Only viable alternative is upgrading
the central HVAC system

Capital intensive
Difficult implementation

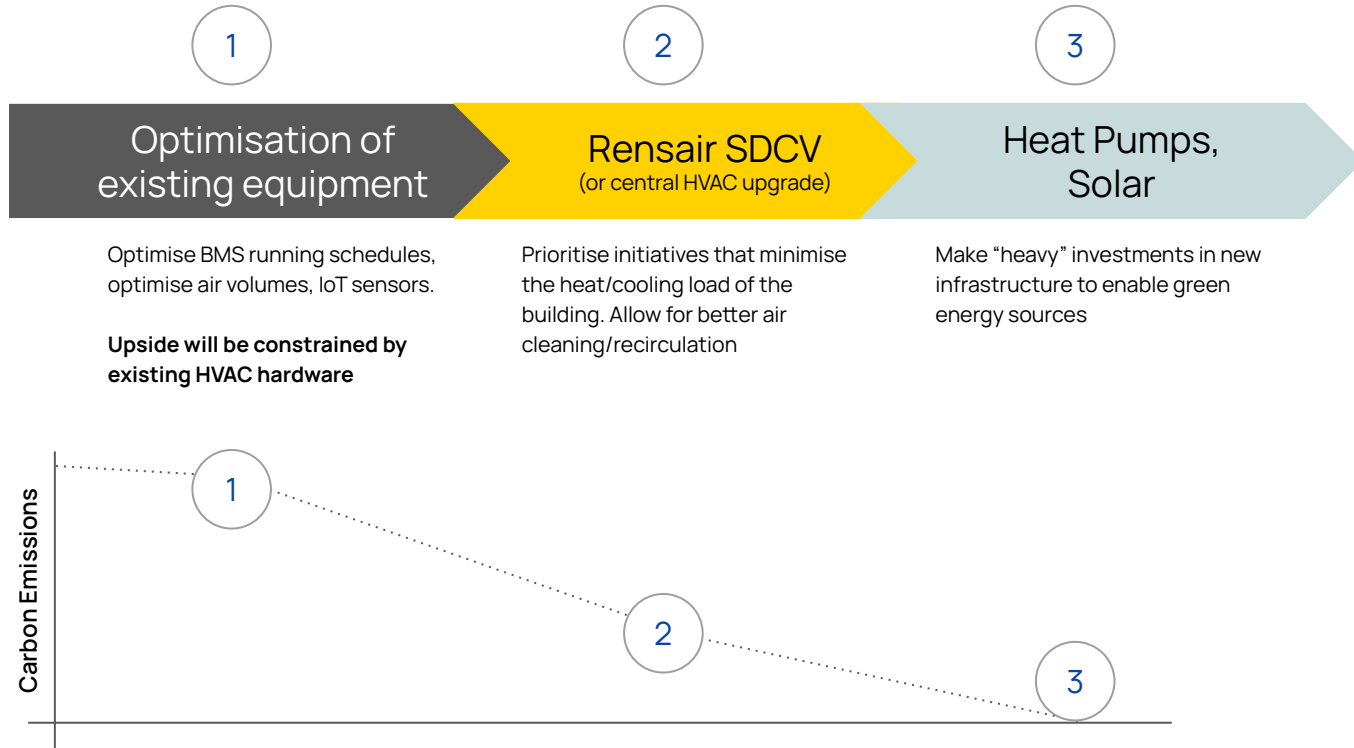


REAL ESTATE OVERVIEW

Where does Rensair play



A building's journey to Net Zero (HVAC)



Rensair value creation: triple bottom line



Profit



Planet



People

1

Reduce energy spend

- Ventilation accounts for 40% of building energy consumption, Rensair can reduce this by 40%
- Improve financial performance and attractiveness of real estate
- Decrease exposure to energy price fluctuations
- Subscription model for implementation means that capital expenditure is not required

2

Reduce carbon emissions

- Improve ESG performance and bring organisations closer to Net Zero targets
- Deliver tangible results for ESG reporting
- Reduce consumption of utilities that otherwise requires offsetting, e.g. gas for heating
- Very cost effective way to improve asset energy ratings, allowing for regulatory compliance

3

Reduce airborne pollutants

- Support return to office initiatives
- Good air quality leads to better wellbeing, lower absenteeism, and [better cognitive performance](#)
- Air pollution leads to [>30,000 premature deaths](#) in the UK annually, and [7 million deaths](#) globally

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