



# CLEVAIR

Efficient energy management,  
automated operations, and reduced costs

COMPANY PRESENTATION



2021/17/PR

## Faster warming

The report provides new estimates of the chances of crossing the global warming level of 1.5°C in the next decades, and finds that unless there are immediate, rapid and large-scale reductions in greenhouse gas emissions, limiting warming to close to 1.5°C or even 2°C will be beyond reach.

The report shows that emissions of greenhouse gases from human activities are responsible for approximately 1.1°C of warming since 1850-1900, and finds that averaged over the next 20 years, global temperature is expected to reach or exceed 1.5°C of warming. This assessment is based on improved observational datasets to assess historical warming, as well progress in scientific understanding of the response of the climate system to human-caused greenhouse gas emissions.

### IPCC Secretariat

c/o WMO · 7 bis, Avenue de la Paix · C.P. 2300 · CH-1211 Geneva 2 · Switzerland  
telephone +41 22 730 8208 / 54 / 84 · fax +41 22 730 8025 / 13 · email IPCC-Sec@wmo.int · www.ipcc.ch





UN CLIMATE PRESS RELEASE

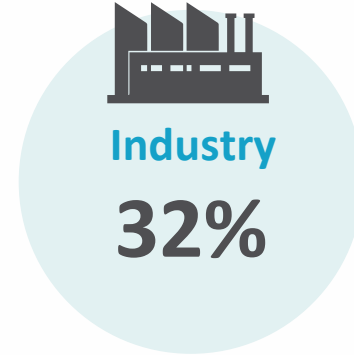
## COP26 Reaches Consensus on Key Actions to Address Climate Change

Adaptation, mitigation and finance are all strengthened in a complex and delicate balance supported by all Parties. After six years of strenuous negotiations, pending items that prevented the full implementation of the Paris Agreement on carbon markets and transparency have finally been approved...

# A global problem



EU Taxonomy:  
55% scrub CO<sub>2</sub>  
and 10% CO<sub>2</sub> removals



# ClevAir is the leader in HVAC SaaS solutions

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- ClevAir is a SaaS based tool for managing HVAC in commercial real estate
- ClevAir reduces energy consumption and CO<sub>2</sub> emissions, while delivering air quality according to the ASHRAE\* standard
- ClevAir also provides insights, dashboards and data to help create reports according to the EU-taxonomy



Winners



Top 100 European startups

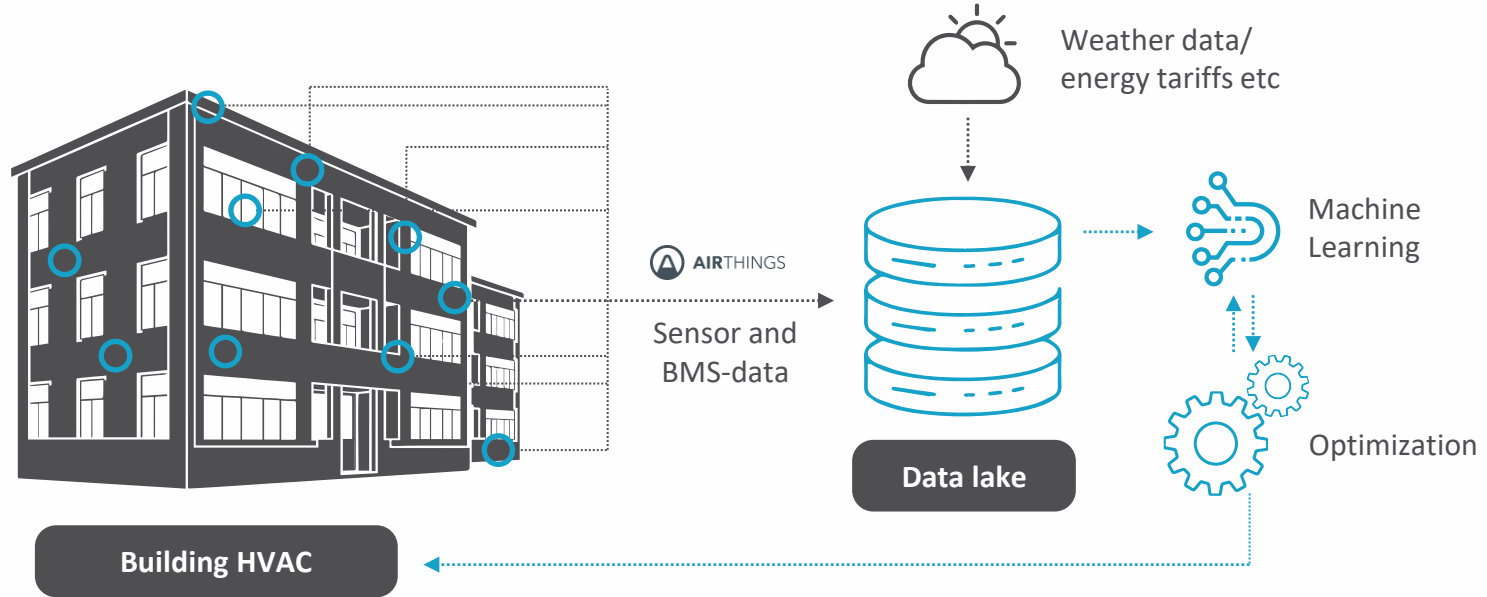


“start up of the year”  
nomination



Top 5 start ups

# This is how ClevAir works



**Harvest data from IoT devices  
and BMS in real time, 24/7**

**Typically reduces the energy  
consumption by up to 40%**

# Our environmental and financial benefits make us the leading SaaS for managing energy consumption in buildings

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## Benefits

### Environmental benefits

- **Reduce** CO<sub>2</sub> emissions
- **Simplify** EU Taxonomy reporting

### Financial benefits

- **Reduce** energy consumption and **cut** effect peaks
- Improved energy rating **increases the value of the building**

### Air quality

- Confirm and **optimize** the air quality

## Savings from real estate customers



**IKEA Forus**

**-21%**



**GNP Areal**

**-32%**



**Køhler Eiendom**

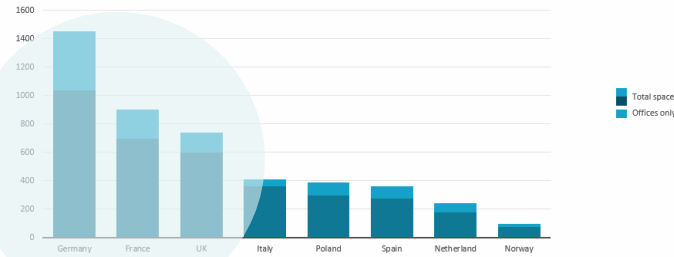
**-29%**



# ClevAir has managed to establish their position in Norway and is now looking to expand to more attractive markets in Europe

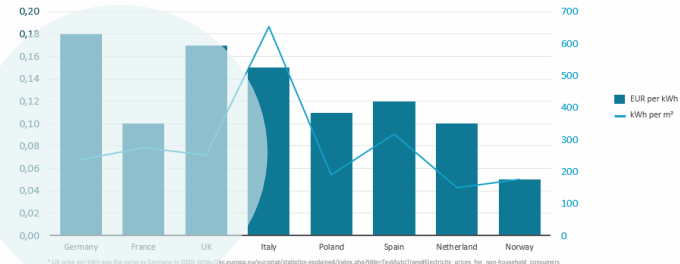
## Market potential – size of buildings

Non-residential floor space (million m<sup>2</sup>)



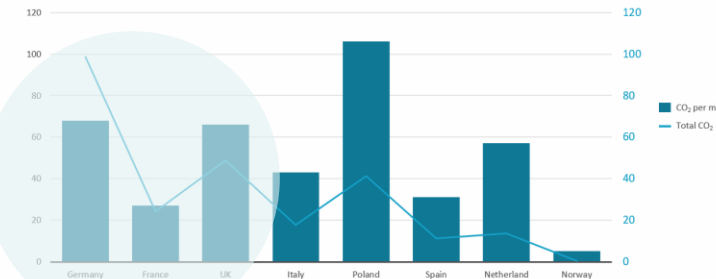
## Market potential – consumption and price

Price per kWh, and energy consumption for non-residential buildings (kWh per m<sup>2</sup> per year)



## Market potential – CO<sub>2</sub> emission

CO<sub>2</sub> emissions per m<sup>2</sup> floor area (kg CO<sub>2</sub> per m<sup>2</sup> per year) and Total CO<sub>2</sub> emissions from buildings (million tons CO<sub>2</sub>)



Source: [https://bpie.eu/wp-content/uploads/2015/10/HR\\_EU\\_8\\_under\\_microscope\\_study.pdf](https://bpie.eu/wp-content/uploads/2015/10/HR_EU_8_under_microscope_study.pdf) (page 34)  
 Source: [https://ec.europa.eu/eurostat/statistics-explained/images/f/b/Electricity\\_prices\\_for\\_non-household\\_consumers%2C\\_second\\_half\\_2020\\_%28EUR\\_per\\_kWh%29\\_v1.png](https://ec.europa.eu/eurostat/statistics-explained/images/f/b/Electricity_prices_for_non-household_consumers%2C_second_half_2020_%28EUR_per_kWh%29_v1.png)  
 Source: [https://ec.europa.eu/energy/eu-buildings-factsheets\\_en](https://ec.europa.eu/energy/eu-buildings-factsheets_en)  
 Source: <https://www.bpie.eu/?s=co2>



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