



CIAT UK Calls for Government Intervention on Indoor Air Quality

LEATHERHEAD, UK, January 28, 2025 — CIAT has reinforced its call for the new UK government to prioritise indoor air quality (IAQ) in forthcoming legislation, citing findings from the recent Building Engineering Services Association ([BESA](#)) event.

With growing evidence linking poor IAQ to significant health, economic and environmental consequences, CIAT strongly advocates the urgent need for enforceable standards to safeguard public health and improve building performance. CIAT is a part of Carrier Global Corporation (NYSE:CARR), global leader in intelligent climate and energy solutions.

“The recent political change offers a rare opportunity to revise building regulations and the findings from the BESA event make it clear: we have a short window to act. Legislation must enforce mandatory IAQ standards to protect occupants and ensure healthier, more efficient buildings,” said Matt Maleki, Business Development Manager and IAQ Specialist at CIAT. “Healthy buildings are efficient buildings, and with 80% of current buildings still in use by 2050, it’s undeniable that the time to act is now.”

CIAT highlights the need for a unified approach to IAQ, addressing both new and existing buildings. Without clear legislative guidance, many developers are unsure of the best solutions, slowing progress toward healthier environments. Comprehensive regulations would establish enforceable IAQ thresholds, such as

limits on CO2 and PM levels, ensuring ventilation systems operate effectively based on occupancy and building type.

Advanced technologies, including demand-controlled ventilation and air quality sensors, can significantly enhance IAQ while optimising energy efficiency. For example, clean filters ensure proper airflow and that motor consumption does not exceed design in order to remain efficient, maintain energy costs and prolong system life. Legislation that supports these measures will provide clarity and encourage widespread adoption of best practices.

CIAT supports calls, such as BEAMA's [EPC Reform Position Paper](#) which was launched at the BESA event, to reform Energy Performance Certificates (EPCs) to include health-focused IAQ metrics. With [442,000 EPCs lodged on the Energy Performance of Buildings Register \(England and Wales\) from July to September 2024](#) alone, such reforms could drive improvements in a significant number of homes annually, incentivising property owners and developers to adopt sustainable practices. A dedicated IAQ certification could further complement these efforts, providing a clear framework to assess and enhance air quality in all buildings.

The government's Warm Homes Plan, aimed at lifting a million households out of fuel poverty, must also incorporate IAQ considerations. Systems designed to improve air quality can reduce operational costs, demonstrating that energy efficiency and occupant health go hand in hand. Countries like Sweden, France, and Ireland lead the way with independent frameworks for ventilation oversight, ensuring high standards through regular inspections. The UK risks falling behind without adopting similar measures. "Getting IAQ right locally not only benefits public health

but also sets global benchmarks for sustainable building practices in homes, commercial properties and public buildings,” added Maleki.

As a leader in HVAC and IAQ innovation, Carrier Group is committed to supporting this transition with advanced products and services. From comprehensive IAQ assessments to state-of-the-art ventilation systems, CIAT offers solutions that align with legislative goals and industry needs. “The solutions exist, but without government action, progress will remain limited,” said Maleki. “We need legislation that reflects the urgency of this issue to ensure that today’s buildings – and those of the future – are healthier, more efficient, and fit for purpose in 2050 and beyond.”

For more information on how CIAT is working to help improve IAQ, please visit:

www.ciat.com/en/uk/about-us/ciat-4-life

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About CIAT:

[CIAT](#) is one of Europe's leading names in cooling, heating, and indoor air quality. Renowned for its capacity to create innovative, durable and high-performing products, CIAT offers a complete range of equipment that is designed to work together. CIAT's latest innovations have been specially designed to meet the most demanding requirements. CIAT is a part of Carrier Global Corporation, global leader in intelligent climate and energy solutions that matter for people and our planet for generations to come. For more information, visit <https://www.ciat.com/en/uk/>.

Pictures:

- 1) Matthew Maleki, Business Development Manager & IAQ Specialist for CIAT.



- 2) With up to 80% of our time spent indoors, the urgency for action is undeniable.

