

# **GREEN VENTILATION: INDOOR ENVIRONMENTAL QUALITY (IEQ) & ENERGY CONSERVATION THRU ENERGY RECOVERY**

**BUILDING GREEN 2009 CONFERENCE**

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## **ABSTRACT**

Buildings nowadays are designed and built to be structurally tight which makes them rely more on mechanical ventilation to deliver the fresh air required by the occupants. The ventilation system functions as the lungs of a building, to achieve good indoor air quality and indoor environmental quality (IAQ, IEQ). Building owners and operators however face an enormous challenge: the well-being of the building occupants against the building's energy consumption on ventilation. These two issues critically hang in the balance. Green Ventilation helps building owners/operators & occupants equally breathe easier through energy recovery.

**Keywords:** IAQ, EQ, ventilation system