

Smart Ventilation in Buildings

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Transsolar Inc.
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www.transsolar.com

New York ca. 1900
operable windows
no air conditioning





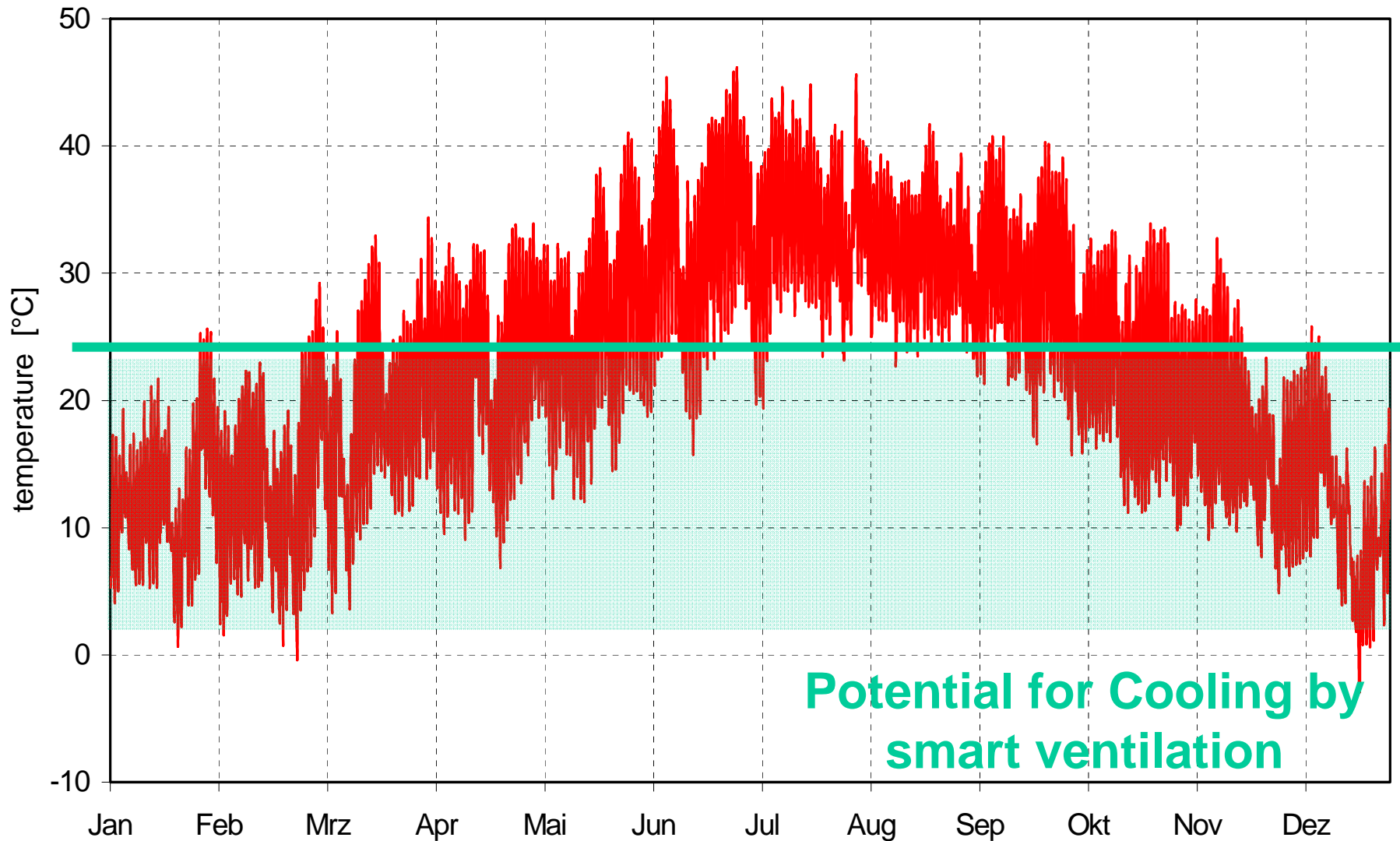
Facade Integrated Decentralized Ventilation



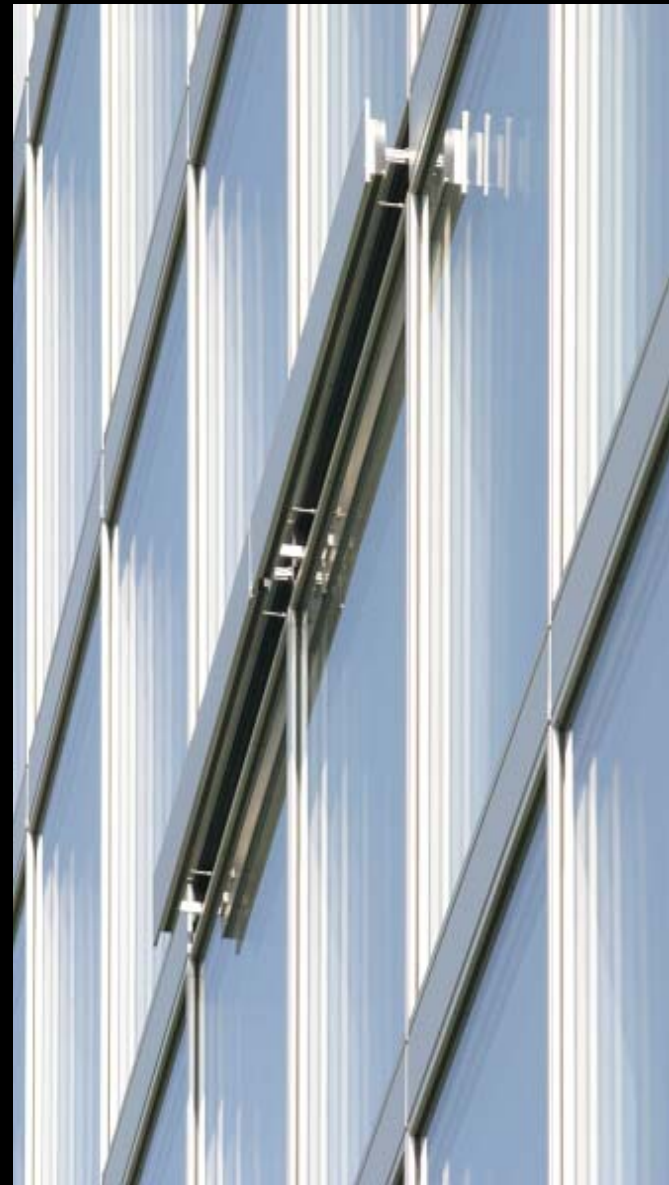
New York ca. 2000
sealed facades
fully air conditioning



Climate Analysis - Annual outside temperature



Phoenix, Arizona – extreme hot climate

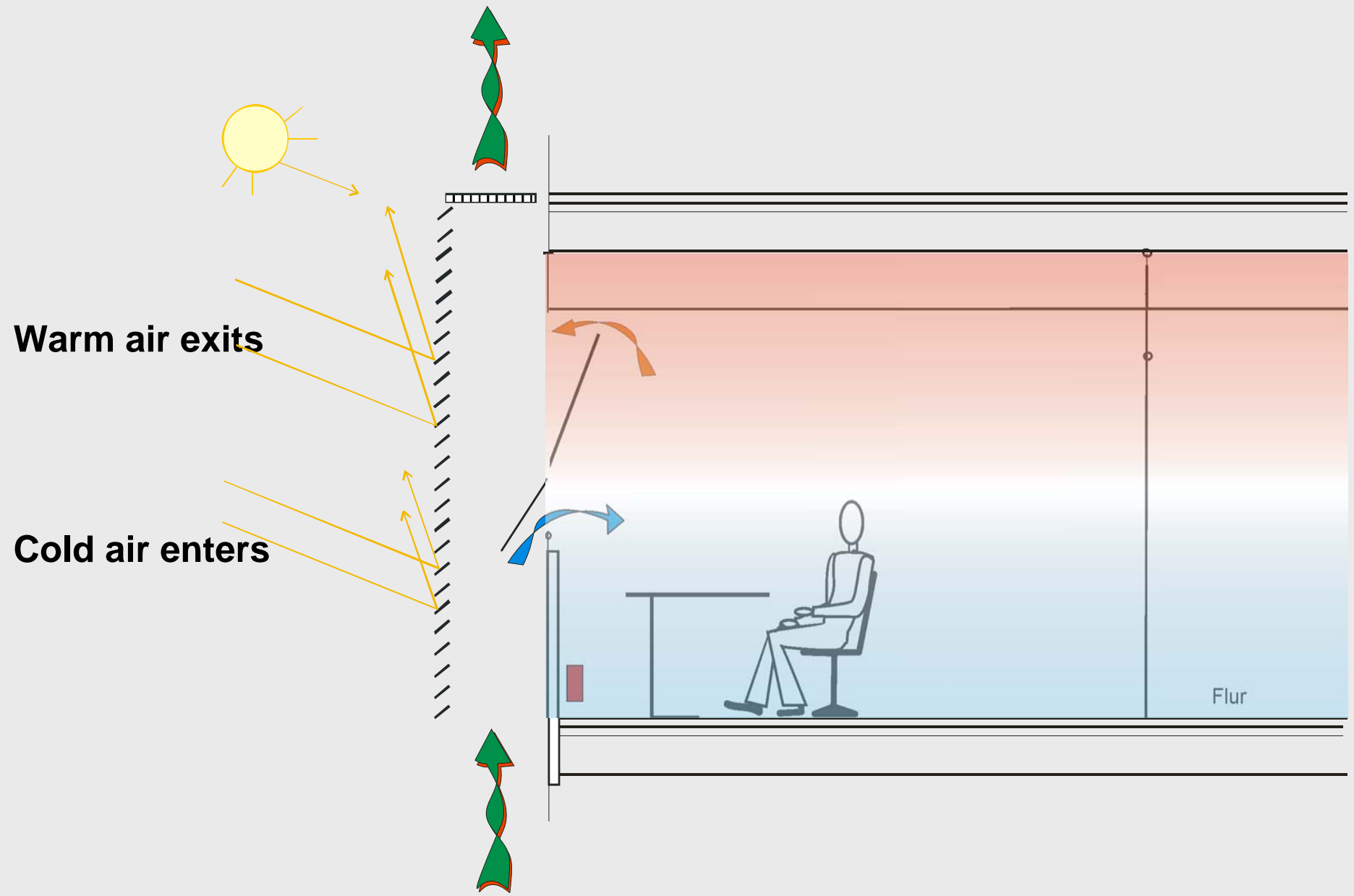


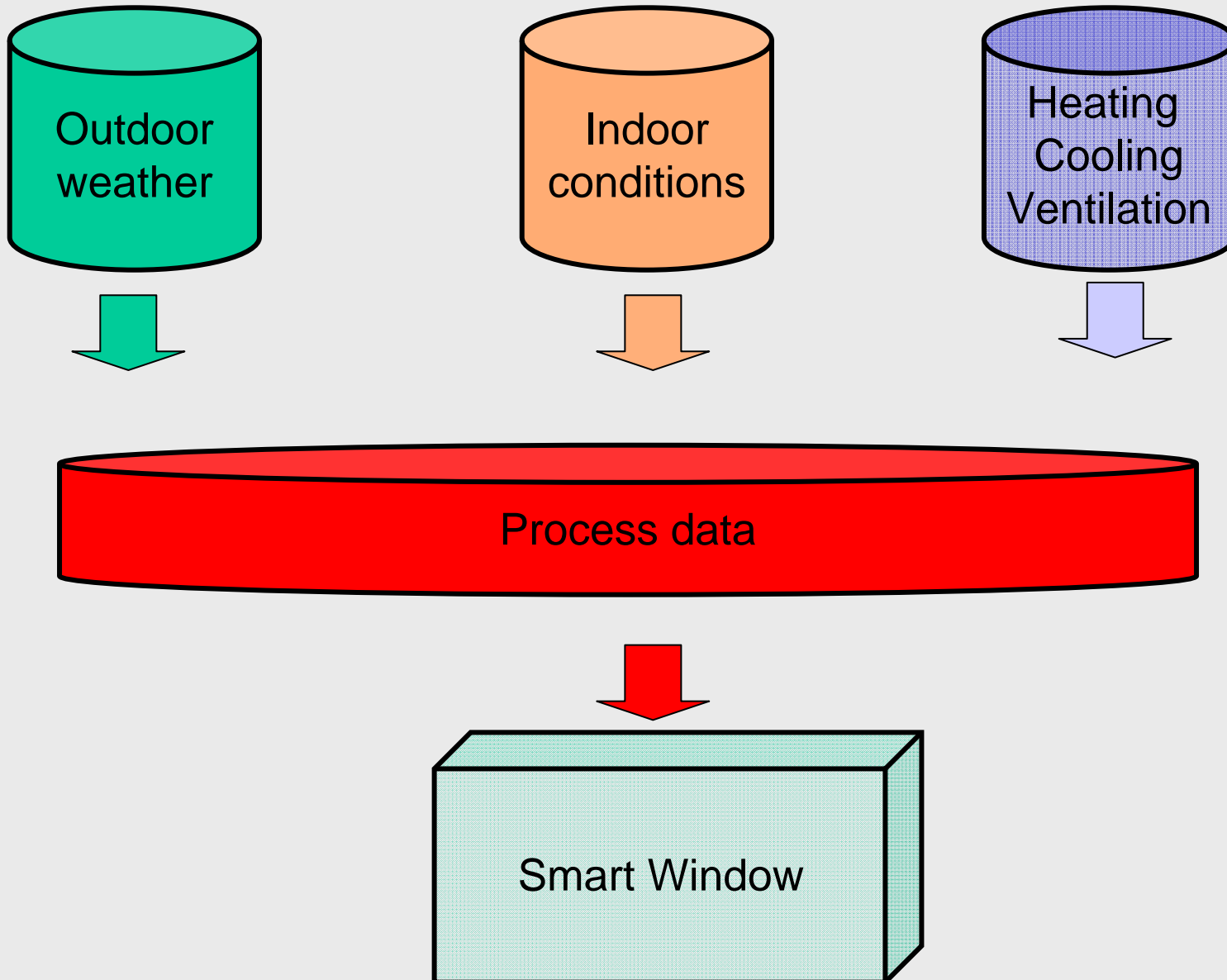
Facade integrated ventilation - custom built



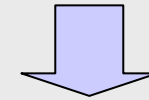
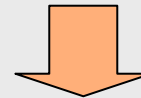
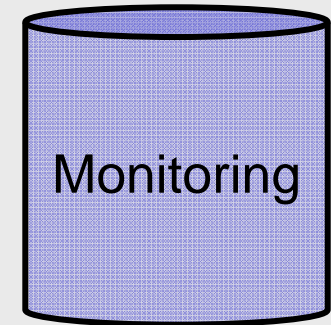
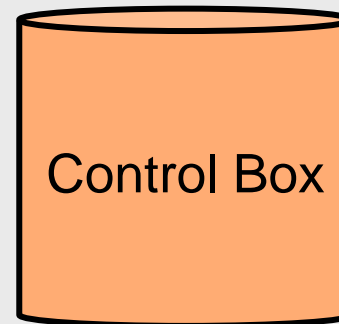
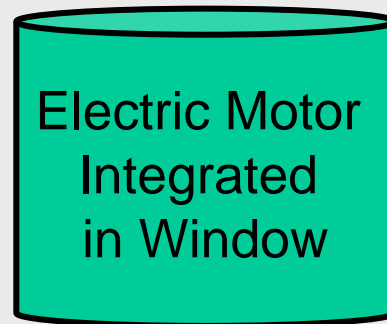


Residential scale – standard double hung window

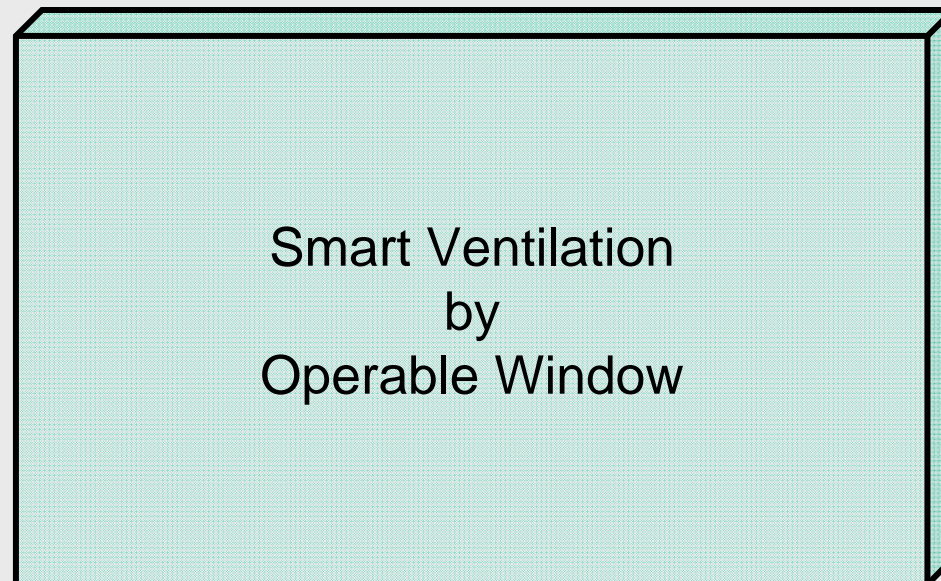




**New
Components**



**Final
Product**



WANTED

**Investor
and
Window or Facade
Manufacturer**