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Hivve Technology partners with the University of Sydney IEQ lab

Hivve Technology is pleased to announce the establishment of a partnership with Australia's leading Indoor Environment Quality ("IEQ") research organisation, the University of Sydney's IEQ lab.

Hivve has deployed IEQ's SAMBA monitoring devices to measure and monitor indoor environments in the Hivve and existing classrooms as part of the Sustainable Modular Classroom pilot program.

Each SAMBA device uses an array of sensors to measure:

- thermal comfort (air temperature, mean radiant temperature, air speed, humidity)
- indoor air quality (formaldehyde, TVOC, PM10 particulate concentration, CO₂ and CO)
- sound pressure level (dBA)
- horizontal illuminance.



SAMBA device

This detailed data will augment the information that Hivve is obtaining on the classrooms' energy generation and use and help to build a comprehensive picture of the relationship between the indoor environment and energy use.

Hivve classrooms and technology are designed to help schools provide the best indoor environment possible to support learning in an environmentally sustainable and economically responsible way.

About Hivve Technology – www.hivve.com.au

Hivve Technology uses an innovative combination of modular building, solar electricity generation and smart technologies to provide flexible, high quality learning environments. Hivve enabled classrooms generate more energy than they use delivering environmentally sustainable and economically responsible outcomes for schools over the long term.





About the University of Sydney School of Architecture, Indoor Environment Quality Research

Indoor Environment Quality Research at the University of Sydney is focussed on understanding the effect of buildings not only on their internal and external environments, but also their occupants.

The research aims to understand and manage the issues that impact upon the performance of a building including Indoor Environmental Quality (daylight and electric lighting, acoustics, thermal environment, indoor air quality, occupant comfort, health, wellbeing and productivity), building services (heating, ventilation and air-conditioning, intelligent building control systems), facades (envelope), site conditions (climate and microclimate), and building life cycle sustainability.

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