



# SMART FACADES



To establish and maintain a **sustainable future**, smart buildings, indeed smart cities will have to form an integral part of how we live, and how we work. Industry experts anticipate the smart city market will be worth **US\$2.57 trillion** by 2025.

ClearVue PV is producing **multi-functional glass** that is both sustainable and cost effective.

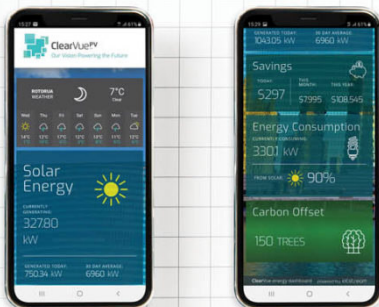
Our smart façade panels will:

- Enhance the **health and wellbeing** of occupants
- Increase **building value**
- Reduce **energy costs**

Each panel contains a **Wi-Fi enabled microcomputer** equipped with deep learning algorithms. This enables the panel to learn the ideal **temperature, ventilation and lighting** conditions for the building occupants.

These smart façades all utilise our patented ClearVue PV panels, which enable the units to be **completely self-powering**. This removes the need for cables to the façade, and makes them an ideal solution for **retrofitting** old buildings to improve green credentials.

With the incorporation of smart façades into any building design the **lighting, heating and cooling** costs are reduced. These savings are derived from the efficiencies in triple glazing, the power generating capability of ClearVue PV panels, and the optimisation of the building through smart façade technology.



SMART FACADE  
FEATURES CAN  
BE CONTROLLED  
WITH AN APP



INTEGRATION WITH  
SMART HOME SYSTEMS

