



ASX Release | ClearVue Technologies Limited (ASX: CPV)

ClearVue announces technology breakthrough with development of frame-independent Insulated Glass Unit to house its technology

Highlights

- ClearVue announces development of frame-independent Insulated Glass Unit (“IGU”) to house its technology
- Solar energy that was previously captured in photo-voltaic cells built around the inside of the window frame and then converted into energy is now captured within the IGU glass module itself
- ClearVue moves away from dependence on its specifically designed window frames by developing industry standard format Insulated Glass Unit or IGU window module for use in multi-vendor window framing solutions
- New IGU is expected to significantly widen the Company’s licensing opportunities and accelerate commercialisation
- ClearVue places an order for 100 IGU window modules with its contracted manufacturer
- Australian Standards (AS) testing on its solar window and glass curtain wall solution is progressing on schedule

27 June 2018: Smart building material company ClearVue Technologies Limited (ASX:CPV) (“**ClearVue**” or “**the Company**”) is pleased to announce it has taken a significant step forward in its technology commercialisation strategy with the development of a frame-independent Insulated Glass Unit to support its glass technology.

This design advancement allows solar energy that was previously captured in photo-voltaic cells built around the inside of a window frame and then converted into energy, to now be captured within solar cells built into the IGU structure itself.

From a commercialisation perspective, this solution allows ClearVue to accelerate its licensing opportunities as clients no longer need to rely upon ClearVue proprietary window frame designs and can instead utilise industry standard frames produced by the majority of manufacturers.

The IGU windows will house all of ClearVue’s technology components as opposed to previously having the PV cells and part of the electrics in the frame.

ClearVue has already placed an order for 100 of the IGU units with the Company’s contract manufacturer for placement into early trial sites, including for the supply of units to Mirreco’s micro-homes as announced to the ASX earlier this month.

Australian Standards testing on ClearVue’s window and glass curtain wall solution continues to progress and is expected to be completed on schedule.



Figure 1: Unframed IGU design for various applications.

Commenting on the move to development of a frame-independent IGU module, ClearVue Executive Chairman Victor Rosenberg said:

“The move away from dependency upon any specific frame design to an industry standard IGU that can be supplied to innumerate framing companies and window fabricators will significantly increase ClearVue’s potential to reach a global market faster. This simple step has widened our scope for even greater licensing opportunities.”

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About ClearVue Technologies Limited

ClearVue Technologies Limited (ASX: CPV) is an Australian technology company that operates in the Building Integrated Photovoltaic (BPIV) sector which involves the integration of solar technology into building and agricultural industries, specifically glass and building surfaces, to provide renewable energy. ClearVue has developed advanced glass technology that aims to preserve glass transparency to maintain building aesthetics whilst generating electricity.

Solar PV cells are incorporated around the edges of an Insulated Glass Unit (IGU) used in windows and the lamination interlayer between the glass in the IGU incorporates ClearVue's patented proprietary nano and micro particles, as well as a spectral selective coating on the rear external surface of the IGU.

ClearVue's window technology has application for use in the building and construction and agricultural industries (amongst others).

ClearVue has worked closely with leading experts from the Electron Science Research Institute, Edith Cowan University (ECU) in Perth, Western Australia to develop the technology.

To learn more please visit: www.clearvuepv.com

Forward Looking Statements

Statements contained in this release, particularly those regarding possible or assumed future performance, revenue, costs, dividends, production levels or rates, prices or potential growth of ClearVue Limited, are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors.