

ASX RELEASE | CLEARVUE TECHNOLOGIES LIMITED

(ASX:CPV | OTCQX:CVUEF)

ClearVue and LandGlass Partner to drive PV Glazing Technology

This strategic partnership combines LandVac's advanced vacuum insulated glazing technology with ClearVue's proprietary solar photovoltaic solutions to accelerate research, development and commercialisation of next-generation photovoltaic vacuum glazing. A Joint Venture company will be formed to focus on further improving high-performance, energy-generating glass solutions to meet the growing global demand for sustainable, energy-efficient building materials — positioning ClearVue at the forefront of smart glazing innovation.

HIGHLIGHTS

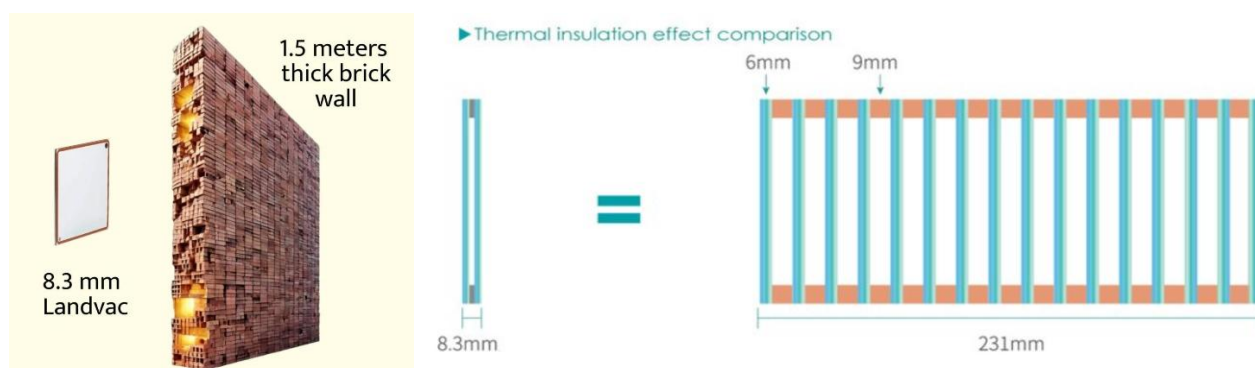
- ClearVue signs MOU with LandVac to establish a strategic partnership aimed at co-developing and promoting next-generation solar-powered vacuum glazing technologies which will be sold through both LandGlass and ClearVue distribution channels.
- The combination of ClearVue and LandVac technologies will provide vacuum insulated glazing, cladding, and spandrel products which will deliver significant thermal performance improvement over traditional façade materials.
- LandVac is known for its energy-efficient, sound-insulating, anti-condensation VIG made with titanium and advanced sealing methods and has sales and distribution in over fifty countries.

09 July 2025: ClearVue Technologies Limited (ASX: CPV) (**ClearVue** or the **Company**) and LandGlass Technology Co., Ltd (LandGlass) subsidiary, LandVac have signed a non-binding Memorandum of Understanding (MOU) to form a strategic partnership to include research and development, manufacturing, and commercialisation of a new class of solar vacuum insulated glazing (Solar VIG) products.

LandVac has established a patent array around the world, covering the core manufacturing technology chain throughout the entire life cycle of the product, including core raw materials, manufacturing processes, production equipment, quality inspection and terminal applications, forming a complete intellectual property protection system.

LandGlass have invested tens of millions of dollars, 8 years of research and development and hold over 1000 patents on their products. To partner with them is strong validation of ClearVue's technology in both our current and next generation products that are soon to be released.

Vacuum Glazing delivers excellent insulation (U-Value) and acoustic performance. This combined with ClearVue power production and lower solar heat transmission (SHGC) means game changing energy savings in glass. Moreover, the ability to deliver this performance with a lower weight also reduces the embedded carbon in the building structure.



LandVac glazing has the same insulating effect as these comparatives

The new Solar VIG Range will feature innovative glazing products that combine thermal insulation and solar energy generation, including:

- VIG-Solar Vacuum Insulated Vision Glass;
- Vacuum Insulated Solar Skylights;
- Vacuum Insulated Solar Spandrel; and
- Vacuum Insulated Solar Cladding Panels.

The new range will be co-branded and marketed through both ClearVue's and LandGlass's established global distribution networks and licensees.

Yan Zhao, Founder, LandGlass Group, commented:

"I am honoured to sign this strategic cooperation memorandum with ClearVue. With many years of expertise in vacuum glass technology, advanced manufacturing and R&D facilities, LandVac, a subsidiary of LandGlass, is fully prepared to promote the implementation of this cooperation project. We expect the Solar VIG series of products to combine high-efficiency thermal insulation performance with ClearVue photovoltaic integrated (BIPV) technology to set a new benchmark for building energy conservation. This cooperation will not only reshape the industry landscape, but also accelerate the global progress in achieving carbon neutrality goals through green building materials."

Douglas Hunt, Interim Chief Executive Officer, ClearVue, said:

"It is an honour to sign the MOU with the founder of LandGlass Group, Mr. Yan Zhao. This agreement marks the next step in a collaboration that began in 2023. ClearVue's proprietary Building Integrated Photovoltaic (BIPV) technology is uniquely compatible with vacuum insulated glazing. LandGlass and ClearVue share the vision of developing the world's most thermally efficient building materials that also generate energy. Our technical and engineering team are looking forward to working with LandVac's team to bring advanced solar VIG solutions to market that will reduce the carbon footprint of buildings around the globe."

"The first combined product testing of our VIG solar glass was deployed into the Electrical and Mechanical Services Department of the Hong Kong Government. For this trial in Hong Kong, the VIG components were manufactured for us by LandVac. Results of this trial will soon be published in a report by EMSD and we are anticipating excellent results"

“With LandVac’s manufacturing excellence and global distribution reach in over fifty countries, we are confident the combined solar vacuum insulated glazing, spandrel, and cladding solutions will deliver strong global appeal and commercial success”.

The Joint Venture company will be based in Hong Kong and will serve as the intellectual property holding entity for all newly co-developed innovations. Both parties will contribute their respective technologies, expertise, and global networks to the partnership.

When ClearVue promotes vacuum insulated solar solutions, the Company will use LandGlass’s VIG technology exclusively and LandGlass will use ClearVue’s BIPV technology exclusively in any VIG products that it promotes and sells with solar functionality. All products developed under the strategic partnership will be co-branded and promoted globally.

The Hong Kong Joint Venture Company will cooperatively hold newly developed IP and trademarks, and receive a 3% royalty from each Party for use of the shared IP. The Joint Venture Company will focus solely on the research and development and intellectual property management and will not engage in sales and marketing of the technologies.

The MOU is for a 12-month period to allow for drafting of the contractual agreements and the incorporation of the strategic partnership Company.

Authorised by the Board of ClearVue Technologies Limited.



Yan Zhao, Founder, LandGlass Group & Douglas Hunt, CEO, ClearVue



LandGlass Group & ClearVue Leadership

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ABOUT CLEARVUE TECHNOLOGIES LIMITED

ClearVue Technologies Limited (ASX: CPV; OTCX: CVUEF) is an Australian technology company that integrates solar technology into building façade and rooftop surfaces to provide renewable energy generation and offset the operational carbon footprint of buildings. The Company's advanced, patented glass technology can make photovoltaic building materials disappear on a building by matching traditional materials in the engineering, aesthetic and deployment methodology.

ClearVue products not only produce energy but also reduce a buildings energy consumption by delivering superior insulation factors and lower Solar Heat gain.

ClearVue has extended solar energy-generation to vision glass, cladding, spandrel, balustrade, and skylight solutions.

ClearVue's integrated solar systems is able to be deployed both in new build and renovations. All Clearvue products are designed to work with standard framing systems. Find out more by visiting ClearVue at www.clearvuepv.com. Follow ClearVue on: [Facebook](#) | [Instagram](#) | [LinkedIn](#) | [YouTube](#).

ABOUT LANDGLASS

LandGlass Technology Co., Ltd., is a globally recognised leader in glass tempering, and glass processing machinery, as well as automated glass processing factories. LandVac is the world leader in vacuum insulated glass (VIG) technology. LandGlass operates a cutting-edge, 200,000-square-meter production facility, supported by a 20,000-square-meter R&D centre with 600 employees. LandGlass Group has an enviable reputation throughout the global glazing industry.

With a global presence, LandVac has established long-term and stable collaborative relationships with customers in over fifty countries and regions, including the U.S., Europe, South America, the Middle East, and Southeast Asia. LandVac has established a comprehensive intellectual property protection system worldwide. Their commitment to innovation and quality has positioned them as a global leader in the vacuum glass industry, contributing significantly to energy-saving and environmental protection efforts worldwide.

ABOUT VACUUM GLASS TECHNOLOGY

Vacuum Insulated Glass (VIG) represents a significant advancement in fenestration technology, offering superior thermal and acoustic performance and a longer lifespan compared to traditional double and triple glazing products, while also being thinner and lighter.

Below table shows major differences regarding unit weight in per square meter, thermal and acoustic

performance among typical single glazing, double glazing, triple glazing and vacuum glazing products.

Glass composition	Single Glazing	Double Glazing (6/12A/6)	Triple Glazing (6/12A/6/12A/6)	Vacuum Glazing (6/0.3V/6)
Thickness (mm)	6	24	42	12.3
Unit Weight (kg/m ²)	15	30	45	30
U-value (W/m ² ·K)	5.0 – 6.0	1.5 – 2.5 (subject to argon gas filled)	0.8 – 1.2 (subject to argon gas filled)	0.4 – 0.8
Sound Reduction (dB)	28 – 30	32 – 34	36	≥39

To learn more please visit: www.landvac.net.

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 Technologies 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.