ClearVue Technologies Limited

ASX: CPV | Börse Frankfurt WKN: A2PDU9 | United States OTCQB: CVUEF

December 31st, 2023

Market Statistics

As at December 31st 2023

Price ASX	$0.490
Price A2PDU9	€0.2894
Price CVUEF	$0.3112
CPV Share Price 52 Week Range:	$0.145 / $0.645
A2PDU9 Share Price 52 Week Range:	€0.085 / €0.390
CVUEF Share Price 52 Week Range:	$0.085 / $0.351
Market Capitalisation $A:	112.20m
Enterprise Value $A:	110.20m
Cash circa $A (unaudited):	2.00m
Debt	Nil

Executive Team

Victor Rosenberg	NE Chair
Jamie Lyford	Exe Dir
Gerd Hoenicke	NE Dir
Chuck Mowrey	NE Dir
Martin Deil	CEO

ASX: Twelve month performance

Source: CMC Markets

Intellectual Property Patents

- Circa 150+

Geographic Footprint

- Australia – Head Office
- Europe
- United Kingdom
- United States

Target Market

- Global façade market
- Global greenhouse market
- Global billboard advertising market
- Global skylight market

Certifications

Listed to IEC & UL 61730 - 1 & 2

ClearVue Technologies – What do we do?

We generate power from clear glass.

The Company achieves this via a nanoparticle interlayer to activate Ultraviolet and Infrared light as it passes through glass. This reaction deflects the radiation to the edge of a window, allowing the energy to be harvested by solar cells within the frame of an Insulated Glass Unit ("IGU"). The ClearVue technology can be applied within a window, skylight, curtain wall and other glass structures such as agrisolar greenhouses.

The capacity to generate autonomous power leads to the ability to identify the operating carbon savings within a building, a critical element to achieving net zero carbon buildings.

ClearVue Technologies – Business Model

ClearVue business model is to license core IP and know-how to existing glass fabricators around the world. ClearVue will derive revenue from a blend of license fees, royalty fees on square meters of glass sold and a margin on the nanoparticle interlayer supplied to the licensee.

The license model will enable ClearVue to scale quickly without significant infrastructure investment requirements, headcount, and operational costs.

To drive immediate shareholder value, ClearVue has segmented the market into revenue recognition classifications, these being:

- Short Term: Projects that can be realised in less than 12 months, e.g. skylight, advertising facilities, public infrastructure, agrisolar greenhouses
- Medium Term: Projects that can be realised within 12-24 months, e.g. prefabricated homes and small scale commercial projects.
- Long Term: Large scale projects that can take 24 months plus to realise, e.g., high rise commercial and apartment buildings to large infrastructure projects.

ClearVue Technologies – Key Takeaways

- ClearVue operates in a "quasi" mandated change environment via accommodative global environmental policy and taxation concessions.
- Autonomous energy and quantifiable carbon benefits provide the building industry a path to net zero carbon buildings.
- Lower commercialisation risk via license business model. ClearVue is scalable and leverages existing logistics and industry capacity.
- The addressable market is global, with short, medium and long term revenue recognition opportunities clearly articulated.
- Revenue model provides leverage to growth. Going to revenue by the end of the 2024 financial year. (Year-end 30 June)
- Continued innovation, supported by IP protection, will open the door to new and emerging markets over time.

The world in which we operate.

ClearVue is a direct beneficiary of the move to a net zero carbon economy. Complimented by a quantifiable change in buyer behaviour towards environmentally aware products, the decarbonisation of the global economy by 2050 requires virtually all sectors of the economy to embrace innovation.

The *United States Inflation Reduction Act* (2022) is a perfect illustration of a government being the "guiding hand" towards an economy to adopt new energy, storage and building standards.

In Europe, the *EU Green Deal* and *REPowerEU* plan are leading to a massive scaling-up and speeding-up of renewable energy in power generation, industry, buildings, and transport; accelerating the EU's independence and give a boost to the green transition.

The EU Solar Strategy aims to bring online over 320 GW of solar photovoltaic by 2025 (more than doubling compared to 2020) and almost 600 GW by 2030.

A key benefit for an investor and owners of glass projects is the ability to calculate a glass project's financial and operating carbon payback. ClearVue's autonomous energy generation and thermal properties enable the calculation of the cost savings against the localised grid infrastructure that would otherwise be used, resulting in the ability to identify the operating carbon saved.

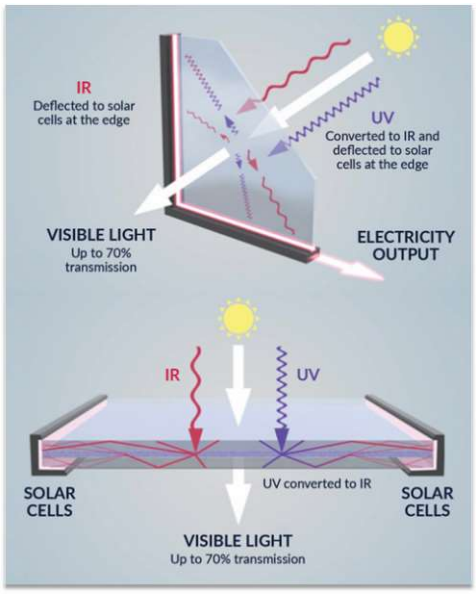
The building and construction sector contributes approximately 39% of the total carbon footprint in the economy, and as there is no obvious replacement for glass. ClearVue can play a critical role in achieving the policy objective on net carbon buildings.

Technology Profile – How does it work?

ClearVue's patented technology sits within an activated interlayer between two panes of glass and is summarised below:

- Power generation up to 30 Wp/m² and provides high thermal envelope performance.
- Configurations to suit all climatic conditions.
- Visible light (Tvis) passes through the glass ~70% VLT.
- Micro & nanoparticles interact with ultraviolet (UV) radiation, which is down-converted to longer wavelengths. Light is then scattered and reflected to the edges of the glass.
- Photovoltaic (PV) cells at the edge of the glass collect photons, producing electricity.
- Reduce operating carbon with the ability to generate electricity on-site.

A competitive advantage of ClearVue is that licensees can be incorporated into an existing production line without excessive capital expense.



ClearVue provides mutually beneficial outcomes.

The incorporation of ClearVue into the build specifications of a project leads to mutually beneficial outcomes for all players within the economy, this being:

- Governments/Policy setters: A product that enables policy to be enacted i.e. a move to net zero carbon building.
- Building owners/builders: A product that allows compliance policy within a significant cost burden whilst promoting ESG credentials.
- General Population: A product that allows me to "do my bit" for the environment.

ClearVue Technologies – Background

ClearVue is an Australian technology company listed on the Australian Stock Exchange ("ASX") with the Code "CPV". The Company has a physical presence in the United States, Europe and has a global headquarters and research facility in Perth, Western Australia.

The initial Research and Development ("R&D") was a collaboration with the Electron Science Research Institute at Edith Cowan University ("ECU") in Perth, Western Australia. The Company was listed on the ASX in May 2018 after an extensive, ten plus year R&D program and the success of the first minimum viable product. The Company has expansive global patent protection of all Intellectual Property ("IP").

ClearVue is now moving into commercialising the Company's IP with active conversations within vital geographic markets. A board and senior management team support this transition with a blend of experience across the architectural, glass, banking, commercialisation, and international patent law.

For further information, please contact Martin Deil, CEO martin.deil@clearvuepv.com or Earle Harpe, CCO earle.harper@clearvuepv.com