



ASX Release | ClearVue Technologies Limited (ASX: CPV)

ClearVue signs MOU to provide Solar Window Technology to Industrial Hemp Based Sustainable Eco-friendly Micro Home provider Mirreco

Highlights

- ClearVue signs MOU with Mirreco to develop carbon-negative residential and commercial solutions that incorporate ClearVue's solar window technology and Mirreco's industrial hemp product which is used as paneling material to create eco-friendly structures
- Mirreco can manufacture building panels using hemp biomass for residential housing and commercial structures that utilise and employ off-grid living solutions
- Mirreco will exclusively use ClearVue's solar window technology following the successful development of a prototype industrial hemp based sustainable eco-home
- Maiden MOU signifies immediate and significant industry interest in ClearVue technology
- ClearVue gains immediate leverage into the residential property construction market

7 June 2018: Smart building material company ClearVue Technologies Limited (ASX: CPV) ("ClearVue" or "the Company") is pleased to announce it has entered into a Memorandum of Understanding (MOU), with Mirreco Holdings Pty Ltd ("Mirreco") which will see hemp-based sustainable housing manufacturer Mirreco exclusively use ClearVue solarPV integrated window technology.

Under the MOU ClearVue will become the exclusive supplier of solar window products, initially for small-scale housing units, or "micro homes", created by Mirreco, following the successful development of a prototype unit.

Mirreco has developed an environmentally-friendly, carbon-negative industrial hemp product which is used as panelling material to create eco-friendly homes and other structures. Mirreco's unique processing system captures and stores carbon dioxide indefinitely, potentially revolutionising current practices within the building industry.

The prototype is expected to reach completion in Q4 2018.

Following the completion of the prototype, the companies will work together in an exclusive partnering and supply agreement, the full terms of which are to be agreed as soon as reasonably practical after Mirreco and ClearVue have successfully completed the trial home.



Display Unit: A conceptual design of a Mirreco micro home incorporating ClearVue window technology

The display unit will incorporate a mixture of environmentally friendly and cost-efficient living solutions and is intended to provide ClearVue with immediate leverage into the residential property construction market.

Mirreco's display unit has been designed by leading architectural practice Arcforms and the floors, walls and roof will be made using hemp biomass.

ClearVue's solar PV window technology uses micro and nano particles incorporated into the lamination layer of glass to redirect UV and IR rays from the sun to solar cells embedded around the edge of the glass panels.

The industrial hemp market continues to grow, with a number of countries either investigating or in the process of establishing hemp crops on an industrial scale in order to take advantage of the economic, environmental and social opportunities that the plant presents.

Hemp has the ability to sequester and store carbon dioxide not only during its short growth cycle, but during the manufacturing stage when it can be processed into bio-composite materials and countless other products.

The MOU follows the recent announcement that ClearVue has commenced Australian Standards (AS) certification testing of its glass product, which is required before being able to sell the technology

commercially in Australia and to introduce ClearVue's products into Mirreco's homes and commercial solutions.

Commenting on the signing of the MOU, ClearVue Executive Chairman Victor Rosenberg said, *"The MOU between ClearVue and Mirreco is a highly encouraging signal that there is significant and immediate interest in our technology within the building and construction industry."*

"ClearVue has a strong market-leading position in the construction of glass that utilises otherwise wasted energy, converting it into solar electricity – all the while appearing as a transparent window."

"Following our listing on the ASX, we are dedicated to commercialising our technology and the MOU with Mirreco is an important first step in establishing a growing order-book."

Mirreco is an emerging company in Western Australia's developing hemp industry, and will be processing hemp biomass to manufacture building materials and other innovative products.

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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 a window and the lamination interlayer between the glass in the window incorporates ClearVue's patented proprietary nano and micro particles, as well as a spectral selective coating on the rear external surface of the window.

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

About Mirreco Holdings Pty Ltd

- Mirreco are a Council Member of the Australian Sustainable Built Environment Council (ASBEC) and were runner-up in the prestigious 2017 Australian National Sustainability Awards.
- Mirreco has identified several opportunities that can be successfully commercialised from the emerging hemp industry.
- Mirreco has designed a specialised machine that can process the hemp plant into individually valuable components such as oils, and biomass, without having to wait for the plant to dry or 'retting' to occur.
- Mirreco intends to manufacture, sell and/or own and operate a fleet of mobile machines to process hemp onsite at relevant farming locations in Australia.
- Mirreco can manufacture carbon negative building panels for residential housing and commercial structures using hemp biomass that are structurally sound, easy to produce and provide superior thermal performance.

To learn more please visit: www.mirreco.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.