



ClearVue<sup>PV</sup>

ASX Announcement – 2 April 2019

ASX Release | ClearVue Technologies Limited (ASX: CPV)

## Commercial Sale and Delivery to South African Property Development Group

### Highlights

- ClearVue completes first commercial sale and delivery of its product in South Africa, to major South African property development group GrowthPoint Properties Limited
- GrowthPoint Properties Limited to integrate ClearVue product into new Centurion, Pretoria headquarters for Exxaro Resources group
- Inclusion of ClearVue glass technology will assist developers and engineers increase likelihood of obtaining a 6-star GBCSA rating

Smart building materials company ClearVue Technologies Limited (ASX: CPV) ("**ClearVue**" or "**the Company**") is pleased to confirm delivery on its first commercial arm's length sale to a third party, South African property development group GrowthPoint Properties Limited ("**GrowthPoint**"). While not material in revenue terms it is a key milestone for the Company as it pursues growth in the South African market.

GrowthPoint plan to integrate the purchased panels into a project they are completing for prominent South African mining company Exxaro<sup>1</sup>, in Centurion, Pretoria, South Africa. The project was completed in conjunction with green building electrical engineering consultants Conscius Consultants. Conscius Consultants in conjunction with other consultants are assisting with the implementation of the ClearVue PV innovation solution into the new building.



Artists impression of new Exxaro office at West Street, Centurion, Pretoria

The sale is for four (4) 1.2m x 1.2m panels, which GrowthPoint and Conscius Consultants intend to use as a technology demonstrator to assist them in obtaining a 6-Star rating for the new building.

<sup>1</sup> <https://www.exxaro.com/>

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In line with comments in the Company's technical update on 28 March 2019 (ie. that additional benefits are expected to be obtained by a building owner from the contribution made by ClearVue's windows towards a building's NABERS and GreenStar ratings) Conscius Consultants and Growthpoint have chosen to deploy a small number of ClearVue IGU panels into the Exxaro building to assist them in obtaining a 6-Star rating for the new building.

The Green Building Council South Africa<sup>2</sup> permits an allocation in their rating system to come from the introduction of an "Innovation Credit" for the introduction and inclusion of new green building technologies. The innovation category encourages, recognises and rewards the spread of innovative technologies, designs and processes that impact on the overall environmental performance of a building.

The completed Exxaro project has already achieved a 5-star GBCSA rating. Growthpoint are hopeful that the inclusion of the ClearVue PV windows will assist in obtaining a 6-star rating which has yet to be applied for. The ClearVue PV Innovation Credit will form part of a portfolio of additional credits required to extend their GBCSA rating from 5-star to a 6-star rating.

Through Conscius Consultant's efforts, ClearVue's PV product has already been approved by the GBCSA as an innovative renewable product solution for which the Innovation Credit applies. As an Innovation Credit approved product, the ClearVue PV product can now be specified in up to a further 5 to 6 projects for which the Innovation Credit will remain available.

The University of Pretoria (under the guidance of Professor Wynand Steyn), have been invited to participate with Growthpoint and Conscius Consultants on the Exxaro project to collect data from the ClearVue PV glass with a view to understanding how best to deploy the product into future projects in the Southern African region.

Conscius Consultants have been introduced to Glass Partners, who has signed a Memorandum of Understanding ("**MoU**") with ClearVue (refer ASX announcement dated 3 December 2018), and it is intended that they will work together on future projects including those where Conscius have been engaged by Growthpoint.

Peet Botha, Managing Director of Conscius Consultants said in relation to the Exxaro project that:

*"Conscius and Growthpoint were very pleased to find the ClearVue PV solution for this project as a way to assist us in finding additional credits towards the possibility of achieving higher Greenstar ratings on new projects. Whilst not unlimited in scope, the opportunity to use the innovation credit obtained from use of the ClearVue PV window will benefit a number of other projects we have in the pipeline and we are looking forward to working with ClearVue and Glass Partners on these smaller innovation demonstration opportunities but also into full placements into buildings and at scale in the future."*

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<sup>2</sup> <https://gbcса.org.za/>

## Ends

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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 its 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](http://www.clearvuepv.com)

### About Conscius Consultants

Conscius is an independent corporation of Electrical and Electronic Consulting Engineers, with offices in Johannesburg. The corporation's primary objective is: "The provision and integration of innovative, cost-effective and electrical engineering services, with the emphasis on financial control and risk management, to all its clients." Conscius have a particular focus on the integration of green and innovative technologies into buildings and the development of "High Performance Buildings". For more information please see: <http://www.conscius.co.za/>

**About Growthpoint Properties Limited**

Growthpoint Properties Limited is one of the largest property development groups in South Africa with a property asset value of R 132.9 billion including 559 commercial buildings. They also own 65.5% of Growthpoint Properties Australia Ltd. For more information please visit: <https://growthpoint.co.za/>

**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.