ASX Announcement – 14 April 2020

ASX Release | ClearVue Technologies Limited (ASX: CPV)

ClearVue signs Collaboration Agreement with eLstar Dynamics BV

Highlights

- **ClearVue signs Collaboration Agreement with eLstar Dynamics B.V. in the Netherlands**
- **The Companies plan to develop a trial project that combines both the ClearVue PV technology with eLstar's electrophoretic dynamic glazing technology**
- **The end-product is to be a market leading, wireless smart window that is capable of energy production and lighting control**
- **Subject to a successful trial the Companies are to explore a joint venture, other arrangements or combined licensing and sales opportunities**

14 April 2020: Smart building materials company ClearVue Technologies Limited (ASX:CPV) (***ClearVue*** or the ***Company***) is pleased to announce that it has entered into a Collaboration Agreement with eLstar Dynamics B.V in the Netherlands (***eLstar***).

eLstar is a world leader in the development of a groundbreaking dynamic/switchable glazing technology based upon electrophoresis that combines electrophoretic responsive inks, transparent electrophoretic interlayer substrates, and proprietary control software and hardware to offer unprecedented contrast ratio's, fast switching, dimmability and low-power demands compared against other switchable glazing solutions that are on the market.

The Collaboration Agreement sets out the terms for a collaboration for the promotion, distribution and joint development of ClearVue's integrated glazing unit (IGU) and smart solar window solutions combined with eLstar's smart electrophoretic dynamic switchable glazing solutions, to produce a market leading, wireless smart window that is capable of energy production and lighting control.

Under the terms of the Collaboration Agreement ClearVue and eLstar will:

- work together collaboratively to develop a combined product initially being a prototype(s) combining the intellectual property and technologies of both eLstar and ClearVue for the purposes of a proof-of-concept demonstration and testing (***Trial***). Subject to any potential shipping delays due to the COVID-19 virus ClearVue is to supply sample IGUs to eLstar in coming weeks with a view to completing testing on an initial version of a combined product as soon as possible. If the Trial is successful a larger version is to be produced for demonstration purposes; and
- subject to satisfactory results in the Trial, the Companies will engage in discussions to form a joint venture or other arrangement whereby the Parties' two products and technologies are combined into one final end-product based on the Trial prototype(s), that the Companies can bring to market and promote together.

Commenting on the Collaboration Agreement, Executive Chairman Victor Rosenberg has said:

> *"The eLstar dynamic glazing technologies are at the cutting edge of the glazing industry and are a perfect fit for ClearVue's photovoltaic glazing technologies. eLstar's electrophoretic switching solution requires power inside the IGU or window to operate the control systems for switching and dimming the glass and for powering and maintaining the state change in eLstar's electrophoretic interlayer - which we are confident that the ClearVue PV solution can provide. The first step is to complete the initial trial and then we look forward to working with eLstar to scale their product to be suitable for commercial use and sale with a view to combining this into a market leading end-product."*

Commenting on the Collaboration Agreement, Chief Executive Officer of eLstar Dynamics BV, Mr Anthony Slack has said:

> *"Combining the ClearVue PV IGU solution with eLstar Dynamics' electrophoretic dynamic glazing solution seems a compelling opportunity. Getting power to a window, especially in a retro-fit application is not an easy task and is expensive. By combining the PV, battery and an electrophoretic dynamic glazing system together end-customers can benefit from a completely autonomous solution - windows that are at the same time highly energy-efficient, generate power, offer maximum comfort and control of lighting levels, can be automatically controlled or can integrate with smart control and IoT building control and management solutions - all without the necessity for expensive and difficult to integrate wiring needing to be connected to the windows to operate them. We are very excited to be working with ClearVue on this initial trial and then, subject to its success, look forward to working with ClearVue to explore licensing and sales opportunities together."*

This announcement was approved for release by the Board of ClearVue Technologies Limited.

For further information, please contact:

ClearVue Technologies Limited
Victor Rosenberg
Executive Chairman
ClearVue Technologies Limited
victor@clearvuepv.com
P: +61 8 9482 0500

About ClearVue Technologies Limited

ClearVue Technologies Limited (ASX: CPV) is an Australian technology company that operates in the Building Integrated Photovoltaic (BPIV) sector involving the integration of solar technology into glass and building surfaces specifically windows and building facades, to provide renewable energy. ClearVue has developed advanced glass technology that aims to preserve glass transparency to maintain building aesthetics whilst producing cost efficiencies by generating electricity. ClearVue's innovative technology has applications in many industries including agriculture, building and construction.

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 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 eLstar Dynamics B.V.

eLstar Dynamics B.V., a subsidiary of eLstar Dynamics Holding B.V. (***eLstar***), is a Dutch technology company which is developing technology for the next generation of switchable glazing for transport and architectural industries. eLstar is developing its technology based upon electrophoreses that can help maintain the interior climate whilst preserving views with no further need for blinding systems.

To learn more please visit: https://elstar-dynamics.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 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.