

ASX CODE: VPR

BOARD

Adam Boyd
Executive Chairman

Paul Everingham
Non-Executive Director

Peter Torre
Non-Executive Director

Simon Higgins
Non-Executive Director

ISSUED CAPITAL

9,345M Ordinary Shares
660M Unlisted Options

PRINCIPAL OFFICE

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REGISTERED OFFICE

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ASX ANNOUNCEMENT

13 April 2022

ECOQUIP COMMENCES COMMUNICATIONS SENTINEL TRIAL WITH THE COMMONWEALTH OF AUSTRALIA

Highlights

- EcoQuip signs a proof-of-concept demonstration agreement with the Commonwealth of Australia to trial EcoQuip's Autonomous Communications Sentinel (ACS) solution;
- The proof-of-concept ACS is a situational security awareness solution designed for unmanned deployment in remote locations. The ACS comprises the EcoQuip Mobile Solar Communication Tower incorporating an Ai camera related technology & software and live satellite up-link capability;
- The EcoQuip proof-of-concept ACS was developed in 2021 with the assistance of software, electronics, data management and satellite communication partners in Australia and the USA;

Volt CEO & Managing Director, Mr Adam Boyd said;

"The Volt Board is delighted to announce that its 70% owned subsidiary, EcoQuip Australia Pty Ltd (EcoQuip) has secured an agreement with the Commonwealth of Australia to conduct a trial of its recently developed proof-of-concept Autonomous Communications Sentry (ACS).

"The agreement provides for the deployment of the proof-of-concept ACS to allow the Commonwealth to evaluate its situational awareness performance capability and reliability for an initial 1-month period.

"We are excited to be able to demonstrate the capability of the new EcoQuip ACS and look forward to working with the Commonwealth to optimise the ACS functionality with our technology partners during and after the initial trial.

"The ACS capabilities have the potential to provide real-time and cost-effective data communication, network reliability and situational awareness solutions at remote sites for multiple industries including the construction, resource sector markets and security related applications.

"The development of the ACS was completed on an accelerated timeline. The combined effort of the EcoQuip team and its partners to create this solution in a limited timeframe is commendable. I take this opportunity to express my appreciation to all of our people and partners that contributed to its development.

Issued by: Volt Power Group Limited (ACN 009 423 189)
Authorised by: The Board of Volt Power Group Limited

About Volt

Volt Power Group Limited (ASX: VPR) is a transitioning power and infrastructure asset / equipment developer and owner. The Company's businesses develop and commercialise innovative proprietary equipment delivering "step change" client productivity and cost benefits achieving annuity earnings for the Company.

Business Activity Summary

These activities of our businesses include:

- **ATEN (100%)** – ATEN is a zero-emission waste heat to electricity equipment solution. The ATEN is at an advanced stage of initial commercialisation (certified Australia Innovation Patent secured). Refer below;
- **Wescone (100%)** – the proprietary owner of the globally unique Wescone W300 sample crusher predominantly deployed throughout the global iron ore sector. Wescone has a successful 25+ year operating track record and recently developed a new crusher with larger dimensional acceptance, improved reduction ratio and durability specifications;
- **EcoQuip (~70%)** – a developer and owner of a 'best in class' Mobile Solar Light & Communications Tower solution (MSLT / MSCT) incorporating robust design attributes including US military spec design & build quality, solar / lithium (LFP) battery storage solution and advanced power management, data telemetry & control system capable of LED lighting, LTE Wi-Fi, point to point microwave, environmental monitoring and CCTV technology retro-fit; and
- **Acquisition / Development Strategy** – The Company actively pursues opportunities to expand its broader renewable and low emission power generation, infrastructure asset / equipment and project delivery capability.

About the ATEN Technology (AIP #2020101347): The ATEN comprises a modular, power generation equipment package capable of harvesting 'low' grade industrial waste heat to generate zero emission baseload electricity. ATEN generated electricity is expected to significantly reduce 'energy intensive' industry energy costs via the displacement of grid sourced electricity or fossil fuel usage associated with electricity generation.

The global industrial complex vents a significant quantity of 'low' grade waste heat to atmosphere. This quantity of unexploited waste heat presents an outstanding opportunity for the commercial roll-out of the ATEN Technology.

The ATEN's simple, high efficiency design and modular configuration - developed to maximise its integration capability - provides a low capex, uniquely compatible and scalable solution for the exploitation of 'low grade' industrial waste heat from multiple sources. Volt's priority target markets for the commercialization of the ATEN Technology include the resources and industrial processing sectors.

The salient ATEN Waste Heat to Power technology benefits that resonate with power station owners include:

- Baseload, zero emission incremental power generation (Scope 1 Emission reduction);
- Levelised Cost of Electricity (LCOE)* up to ~50% lower than gas and ~80% lower than diesel generation;
- LCOE* ~25% - 50% lower than Solar / BESS installations based on equivalent annual generation

and zero emission performance;

- CAPEX ~60% lower than Solar / BESS Battery installations based on identical annual generation and zero emission performance;
- Zero cost compatibility with Solar and Hydrogen fuel transition solutions;
- Carbon Credits (CFI) Act 2011 Offset Project / ACCU eligibility; and
- Zero water & operational personnel requirements

* Levelised Cost of Energy (LCOE) is based on new zero emission capacity and variable costs of hydrocarbon fuelled generation (where relevant) using the ARENA LCOE calculation methodology @ 8% discount rate and 20-year project life including ACCUs (\$30/ACCU) and RECs (\$30/REC) as applicable.