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Cadoux Presents at SAFELOOP Battery Development General Assembly

Highlights

- ***Cadoux is a founding Partner to the SAFELOOP Giga-battery scale lithium-ion battery (LiB) development project – grant funded by the European Union***
- ***SAFELOOP features Cadoux's premiumHPA® extensively in the battery architecture including the anode, cathode and separator components***
- ***Cadoux presented at the June bi-annual General Assembly following the successful qualification endorsement of the Company's premiumHPA®***
- ***Cadoux addressed the General Assembly of SAFEELOOP Consortium partners to further the technical development and commercial discussions of premiumHPA®***
- ***SAFELOOP is a world class research and innovation consortium developing Gen3 EU EV Li-Ion Battery technologies for mobility applications focusing on enhanced safety, sustainability, performance and circular economy principles***

Emerging critical minerals producer Cadoux Ltd (ASX: '**CCM**') ('**Cadoux**' or the '**Company**') is pleased to announce that the Company presented at the bi-annual SAFELOOP General Assembly held on 17th June.

The purpose of the General Assembly ('GA') meeting of the SAFELOOP Consortium was to discuss the advancing of the various workstreams contributing to the overall battery development and to progress commercial discussions between the Consortium members.

Key to the commercialisation discussions was the material inputs for SAFELOOP's innovative recyclable battery – including the importance and use of Cadoux's premiumHPA® within the overall battery architecture. The Consortium consists of 15 member groups. Two of which are LiB designers and manufacturers and three which are industrial scale manufacturing and operating end-users of high-performance battery systems and power storage.

premiumHPA® Qualification

Following more than 24 months of rigorous testing and validation, including extended-duration trials of premiumHPA® within specific battery architectures developed under the SAFELOOP lithium-ion battery program, Cadoux has achieved qualification of its high-purity alumina product. This important milestone confirms that premiumHPA® consistently meets the stringent quality, performance and safety standards required for advanced battery applications, further validating the Company's technology and strengthening its position within the global battery materials supply chain.

About SAFELOOP

SAFELOOP is a collaborative battery research, design and development consortium focusing on GEN-3 EV Li-ion battery (Lib) manufacturing for the EU markets. SAFELOOP's primary goal is to elevate the safety, sustainability, and performance of European Gigafactory scale LIB cells, aligning with the EUCAR Hazard Level 3 standards for mobility applications. This entails pioneering material innovations to improve battery safety, performance, and lifespan, with a target of achieving a 15% increase in cyclability by 2030 and doubling operational lifetime compared to 2019 levels. Cadoux plans to be be a critical supplier of HPA which is integral across the anode, cathode and separator components of the developed battery architecture *(see ASX announcement November 17th, 2025, for further information)*.

SAFELOOP

Funded by the European Union

A key strength of the SAFELOOP Consortium is the involvement of established lithium-ion battery cell manufacturers and operators with proven commercial battery products already deployed in electric vehicle and advanced energy storage applications. One participant is a major European battery and cell producer, another ranks among the leading suppliers of advanced battery technologies to the United States Department of Defence, whilst three groups are participants in rapidly growing heavy-duty electrification markets in Europe.

The participation of these highly credentialed industry leaders provides Cadoux with valuable exposure to end-user requirements and emerging battery technologies, while creating opportunities to demonstrate the performance and suitability of premiumHPA® within demanding commercial and strategic applications. The involvement of these key groups further reinforces the quality and credibility of the SAFELOOP program and highlights the potential pathway for future commercial engagement arising from Cadoux's recent HPA qualification milestone.

Cadoux Managing Director, Mr. Roland Hill commented: "Cadoux is proud to be a partner in the SAFELOOP EU Generation 3 lithium-ion battery development program and to play an active role in both the technical and commercial advancement of this strategically important initiative. The SAFELOOP Consortium continues to achieve significant progress in next-generation battery technologies, and Cadoux is pleased to contribute its expertise and participate in the Consortium's General Assembly meetings.

Building on the recent qualification of Cadoux's premiumHPA®, the Company is now well positioned to further strengthen its engagement with SAFELOOP and also with leading battery industry participants. Cadoux looks forward to supporting the next phase of technical development while advancing commercial discussions that have the potential to create long-term value for shareholders through participation in the rapidly growing global battery supply chain".

Authorised for release by Roland Hill, Managing Director.

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About Cadoux Limited

Through the dual overlays of robust project economics and ESG, Cadoux aims to increase long term shareholder value whilst fostering increasing project sustainability.

Cadoux is an emerging developer of critical minerals projects, focused on two key materials essential for global electrification – high purity alumina (HPA) and rare earth minerals which are key feedstock for rare earth magnets. Cadoux is positioning itself to be a significant producer in both markets to take advantage of growing demand in rapidly developing high-tech product markets and contributing significantly to the global momentum for a decarbonised future.

Both Cadoux's HPA and 'Minhub' projects align strongly with Australia's critical minerals policy by inducing new supply of essential critical minerals and creating value adding, new sovereign supply chains for strategic minerals.

HPA is increasingly becoming the preferred input material for certain high-tech products, principally for its unique characteristics and chemical properties in high specification requirements. Key markets include LEDs and other sapphire glass products, although a longer-term driver for HPA, with forecasts of >33% year-on-year growth (GAGR), is the electric vehicle and static energy storage markets where the HPA increases power, functionality and safety when used as a separator material between the anode and cathode in high performance batteries.*

An innovative process design by Cadoux has enabled the integrated production of high quality, high purity alumina (HPA) up to 99.999 (5N) purity at robust economically sustainable operating costs. This has been demonstrated through a pilot plant and extensive market studies. Cadoux is now looking to commercially develop that process through a staged development which includes a 1,000tpa small scale production facility in Western Australia followed by a 10,000tpa full scale commercial plant.

Cadoux's HPA strategy has won the backing of State and Federal governments, with Cadoux being the only junior developer with both Western Australian lead agency status and also designated as Major Project Status by the Federal Government.

In the Northern Territory, Cadoux via Minhub Operations Pty Ltd (MOPL), is looking to develop a new supply chain for Australia's emerging rare earths and mineral sands projects through the development of the Minhub Project which will include a mineral separation and rare earths minerals processing facility in Darwin. Through a commercial framework, Minhub aims to process 3rd party mineral concentrate and supply rare earth rich xenotime and monazite mineral products to select markets. This includes potentially supplying customers and interested parties with rare earths enabling a significant increase in the supply of critical magnet feed rare earth metals dysprosium and terbium for key markets such as Electric Vehicles.

** Technavio (2024): Global High Purity Alumina Market 2024-2028*