Neometals Announce Mercedes Benz Purchase Order

Neometals (ASX / AIM NMT)

Announced that Primobius GmbH has received a PO for supply of a hydrometallurgical refining Hub from Mercedes for installation at its Kuppenheim operation in Germany.

The PO value is ~ £16M and was awarded as part of a cooperation arrangement with Mercedes (“Cooperation”).

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Primobius Werkstatt Hilchenbach Plant, Germany

Neometals	ASX / AIM : NMT

Stage	Production + development
Metals	Titanium + Vanadium + lithium + nickel
Market cap	A$134 m @ A$0.21.5
Location	Western Australia, Germany, Finland, USA

Neometals Announce Mercedes-Benz Refinery Purchase Order

Neometals Ltd (ASX: NMT & AIM: NMT) ("Neometals" or "the Company"), is pleased to announce that Primobius GmbH ("Primobius") has received a PO for supply of a hydrometallurgical refining Hub from Mercedes for installation at its Kuppenheim operation in Germany.

Primobius is an incorporated battery recycling joint venture ("JV"), company owned 50:50 by Neometals and SMS group GmbH ("SMS"). Primobius is commercialising a patented LiB recycling process via a plant supply and technology licensing business model.

The PO value is ~ €18.8M (~ A$30.8M) and was awarded as part of a cooperation arrangement with Mercedes ("Cooperation"). Under the Cooperation, Primobius is responsible for the engineering, equipment supply and installation for a 2,500tpa fully-integrated, closed loop Mercedes LiB Recycling Pilot Plant ("Mercedes Spoke" followed by "Mercedes Hub") (together "Mercedes Pilot Plant").

Highlights

• Primobius receives purchase order (“PO”) from Mercedes-Benz (“Mercedes”) for the hydrometallurgical refinery (“Hub”) plant to complete its lithium-ion battery (“LiB”) recycling facility, currently under construction, in Kuppenheim, Germany; and
• PO covers fabrication, installation and commissioning of the Hub which will refine intermediate products from the 2,500tpa shredding ‘Spoke’ currently being fabricated for Mercedes under a previous PO.

The Hub is designed to match the capacity required to process intermediate feed material (“Black Mass”) generated from the front-end refining Spoke.

The Mercedes Pilot Plant marks the automotive company’s entry into the field of LiB recycling. As set out in the Mercedes ‘Kuppenheim Ground-Breaking Ceremony’ Press Release dated 3rd March 2023, the Mercedes LiB Recycling Plant at Kuppenheim “aims to cut resource consumption and establish closed-loop recycling of battery raw materials as (Mercedes) moves towards going electric only”.

The facility aims to recover materials (including lithium, nickel and cobalt, amongst others) which will be fed back into production of a targeted 50,000 battery modules for installation into new Mercedes vehicles.

The Mercedes Hub PO completes the Primobius contractual arrangements relating to construction of the Mercedes Pilot Plant and follows, as scheduled, closely behind the corresponding Spoke PO2.

The award is further validation of the efficacy and

scalability of the Primobius technology to meet the needs of global OEM's generally, and the automotive industry more specifically. Successful commissioning and the achievement of steady state operations will significantly de-risk the next level of scale up to 21,000tpa.

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Neometals Managing Director, Chris Reed stated:

"We are proud to partner with Mercedes in its journey to lead the closed-loop recycling of lithium batteries.

"The relationship exemplifies some of the unique aspects to Primobius' business model. One of these is the ability to supply plant and offer technology licences so OEMs can retain their battery materials from scrap and end-of-life batteries.

"Supply certainty, low operating costs and low carbon footprint are key value drivers for OEM's looking forward. Our measured approach to delivering scalable solutions with our partner and leading plant builder SMS augurs well for penetrating this enormous addressable market.

"Primobius looks forward to working with Mercedes to scaleup the technology and provide an industrial scale recycling solution to meet their future needs."

To read the full news release please click HERE

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Disclosure

At the time of writing the author holds shares in **Neometals**

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Neometals' Mercedes Battery Recycling Plant Order

Neometals (ASX & AIM: NMT)

Announced that Primobius GmbH, the battery recycling incorporated joint venture company owned 50:50 by Neometals and SMS group GmbH, has received a Purchase Order for supply of a 10 tonne per day Spoke with Mercedes for installation at Kuppenheim in southern Germany.



Neometals Primobius JV official opening

Neometals	ASX / AIM : NMT
Stage	Production + development
Metals	Titanium + Vanadium + lithium + nickel
Market cap	A$351 m @ A$.63
Location	Western Australia, Germany, Finland, USA

Neometals Announces Mercedes-Benz Battery Recycling Plant Purchase Order

Neometals Ltd (ASX: NMT & AIM: NMT) (“Neometals” or “the Company”), is pleased to announce that Primobius GmbH (“Primobius”), the battery recycling incorporated joint venture (“JV”) company owned 50:50 by Neometals and SMS group GmbH (“SMS”), has received a Purchase Order (“PO”) for supply of a 10 tonne per day (“tpd”) Spoke with Mercedes for installation at Kuppenheim in southern Germany.

The PO was awarded as part of a cooperation arrangement with Mercedes (“Cooperation”). Under the Cooperation, Primobius is responsible for the engineering, equipment supply and installation for a fully integrated, closed loop Mercedes LIB Recycling Plant (“Mercedes 10tpd Spoke” followed by “Mercedes 10tpd Hub”) (together “Mercedes LIB Recycling Plant”) (for full details refer to Neometals ASX announcement headlined “Cooperation Agreement with Mercedes Benz” released on 13th May 2022).

The Mercedes LIB Recycling Plant marks the automotive giants’ entry into the field of LIB recycling. As set out in the Mercedes ‘Kuppenheim Ground-Breaking Ceremony’ Press Release dated 3rd March 2023, the Mercedes LIB Recycling Plant at Kuppenheim “aims to cut resource consumption and establish closed-loop
recycling of battery raw materials as (Mercedes) moves towards going electric only”.

The facility is expected to have an annual capacity of 2,500 tonnes, recovering materials (including lithium, cobalt, nickel, and manganese amongst others) which will be fed back into production of a targeted 50,000 battery modules for installation into new Mercedes vehicles.

The Mercedes Spoke PO marks a significant Primobius milestone, it represents the first commercial recycling plant supply agreement to a global electric vehicle OEM and the first significant revenue.

The award is strong validation of the efficacy and scalability of the Primobius technology to meet the needs of global OEM’s generally, and the automotive industry more specifically.

The Mercedes LIB Recycling Plant at Kuppenheim will showcase Primobius’ integrated recycling solution to recover and regenerate battery materials for use in new cell production.

Highlights

• Primobius cooperation with Mercedes-Benz (“Mercedes”) advances with purchase order for fabrication, installation and commissioning of a 10tpd lithium-ion battery (“LIB”) shredding ‘Spoke’;
• Mercedes recycling plant installation is scheduled to commence in Q4 2023, immediately after building completion; and
• The Primobius 10tpd Spoke is ‘product ready’ and can now be supplied to existing licensees and new customers.

The Mercedes Hub is scheduled to be ‘product ready’ in the SepQ 2023.

Neometals MD Chris Reed says:

“We are honoured to supply and support Mercedes in its journey to lead the closed-loop recycling of lithium batteries by automakers.

“Our long-term collaboration will ensure our process remains at the leading edge, able to process the latest innovations in cell chemistry, format and function.

“The Spoke is ready to be offered to our business development pipeline and the Hub will soon be product ready. I would like to thank our partner SMS and our respective teams in Primobius for their commitment to ensuring the quality of our recycling solution to meet Mercedes’ exacting requirements.

“Primobius looks forward to working with Mercedes to scaleup the technology and provide an industrial scale recycling

solution to meet their future needs."

To read the full news release, please click HERE

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Disclosure

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Neometals Confirm Mercedes Benz Purchase Order

Neometals Ltd (ASX: NMT)

Announced that the Cooperation Agreement between Primobius GmbH the incorporated JV company owned 50:50 by Neometals and SMS group GmbH, and LICULAR GmbH , a wholly-owned subsidiary of Mercedes-Benz AG, is now legally binding. […]

Neometals	**ASX / AIM : NMT**
Stage	**Production + development**
Metals	**Titanium + Vanadium + lithium + nickel**
Market cap	**A$530 m @ A$0.935**
Location	**Western Australia, Germany, Finland, USA**



Neometals Primobius JV official opening

NEOMETALS' COOPERATION AGREEMENT WITH MERCEDES-BENZ NOW LEGALLY BINDING

Emerging sustainable battery materials producer, Neometals Ltd (ASX: NMT) ("Neometals" or "the Company"), is pleased to announce that the Cooperation Agreement between Primobius GmbH ("Primobius"), the incorporated joint venture ("JV") company owned 50:50 by Neometals and SMS group GmbH ("SMS"), and LICULAR GmbH ("LICULAR"), a wholly-owned subsidiary of Mercedes-Benz AG("Mercedes-Benz")("Cooperation Agreement"), is now legally binding.

Primobius has executed a LICULAR purchase order for LIB recycling plant front-end engineering (for further details see Neometals announcement titled "Cooperation Agreement with Mercedes Benz" dated 13th May 2022).

HIGHLIGHTS

• Neometals lithium-ion battery recycling JV, Primobius, has executed a purchase order from Mercedes-Benz recycling subsidiary, LICULAR GmbH ("LICULAR") to complete front-end engineering for the shredding section of LICULAR'S integrated recycling plant;
• The Cooperation Agreement between Primobius and LICULAR is now legally binding; and • LICULAR's planned 10tpd integrated recycling plant timetable contemplates execution of an equipment supply agreement in the December quarter of 2022.

LICULAR was founded specifically for the purpose of running a specialist consortia-based research programme with Mercedes Benz to develop a holistic and sustainable recycling approach for lithium-ion batteries.

Authorised on behalf of Neometals by Christopher Reed, Managing Director.

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Neometals Primobius JV signs with Mercedes Benz

Neometals Ltd (ASX: NMT)

Notes the press release made today by Mercedes-Benz AG.

Mercedes-Benz has advised that its wholly owned subsidiary LICULAR GmbH plans to cooperate with Primobius GmbH the incorporated joint venture company owned 50:50 by Neometals and SMS group GmbH. […]

Neometals	ASX / AIM : NMT
Stage	Production + development
Metals	Titanium + Vanadium + lithium + nickel
Market cap	A$855 m @ A$1.56
Location	Western Australia, Germany, Finland, USA



Neometals battery recycling shredder

MERCEDES-BENZ PRESS RELEASE REGARDING BATTERY RECYCLING WITH NNEOMETALS JV PARTNER PRIMOBIUS

Neometals Ltd (ASX: NMT) (“Neometals” or “the Company”), notes the press release
made today by Mercedes-Benz AG(“Mercedes-Benz”)(“Mercedes Release”).

Mercedes-Benz has advised that its wholly owned subsidiary LICULAR GmbH (“LICULAR”) plans to cooperate with Primobius GmbH (“Primobius”), the incorporated joint venture company owned 50:50 by Neometals and SMS group GmbH (“SMS”), as part of Mercedes-Benz’s push to develop a holistic and sustainable recycling approach for lithium-ion batteries.

Mercedes-Benz has today announced that Primobius is its preferred technology partner for the conceptual design and construction of a planned battery recycling and waste disposal recycling plant at Mercedes Benz's Kuppenheim Operations in Southern Germany.

The proposed recycling plant at Kuppenheim marks Mercedes-Benz's first entry into the field of battery recycling.

As set out in the Mercedes Release and based on preparatory work carried out by Primobius and LICULAR, Neometals expects the recycling plant will have a nominal capacity of 2,500 tonnes per annum (up to 10 tonnes per day) and will be built in
two stages with the first stage (mechanical dismantling) commencing production in 2023.

HIGHLIGHTS

• Neometals notes the press release made today by Mercedes-Benz AG ("Mercedes-Benz"), regarding its global strategy for recycling automotive battery systems, which includes a recycling plant at its Kuppenheim operations in Southern Germany;
• Mercedes-Benz has announced that its subsidiary LICULAR GmbH ("LICULAR") plans to cooperate with Neometals' battery recycling JV, Primobius, as its technology partner, for the design and construction of the proposed recycling plant;
• Primobius is in advanced discussions with Mercedes-Benz regarding the design and construction of a 2,500 tpa lithium-ion battery recycling plant for LICULAR's facilities; and
• Neometals looks forward to Primobius' continuing collaboration with Mercedes-Benz and will keep the market informed of developments.

Additional information

Neometals confirms that Primobius is finalising discussions with Mercedes-Benz regarding the planned cooperation set out in the Mercedes Release.

The formal agreements relating to the cooperation agreement are expected to be signed between Primobius and LICULAR, following negotiations under an earlier informal non-binding memorandum of understanding between the parties.

Neometals is pleased with how the discussions are progressing and notes that Mercedes-Benz has publicly made its intentions known in advance of the parties executing binding legal agreements.

Neometals looks forward to Primobius continuing its negotiations with Mercedes-Benz and providing further updates on the cooperation with them.

Neometals management comments

"We are proud that Mercedes-Benz, one of the greatest names in the automobile industry, has announced its intention to partner with Primobius.

"Mercedes-Benz has made public its clear commitment towards sustainable battery recycling, with Primobius as its preferred technology partner for the design and construction of an integrated recycling plant in Kuppenheim.

"Lithium battery recycling supports conservation of resources, decarbonisation and supply chain resilience and we are excited to assist Mercedes in its goal to re-use recovered materials for the manufacture of new cells for

Mercedes-EQ vehicle models.

All of our discussions to date have been very positive and we look forward to continuing our negotiations and entering into binding legal agreements in the near future."

Chris Reed, MD, Neometals

For brevity, this summary has been redacted, to read the full news release, please click HERE

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