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**PARTNERSHIP WITH LIEBHERR TO SUPPLY GREEN MINING HAUL TRUCKS
INCORPORATING FORTESCUE'S PROPRIETARY-OWNED ZERO EMISSION POWER
SYSTEM**

**与利勃海尔合作供应绿色采矿运输卡车
并纳入 FMG 自有专利的零排放电力系统**

Fortescue Metals Group Ltd (Fortescue, ASX: FMG) today announced a partnership with multinational equipment manufacturer Liebherr for the development and supply of green mining haul trucks for integration with the zero emission power system technologies being developed by Fortescue Future Industries (FFI) and Williams Advanced Engineering (WAE). This is a major step towards transitioning Fortescue's diesel mining fleet to a green mining fleet before 2030 and accelerates the opportunity to commercialise zero emission power system technologies in heavy industry applications.

今天，FMG 集团 (Fortescue, ASX: FMG) 宣布与跨国设备制造商利勃海尔建立合作伙伴关系，共同开发和供应绿色采矿运输卡车，并采用 FMG 未来产业公司与 Williams Advanced Engineering (WAE) 正在联合开发的零排放动力系统技术。这是在 2030 年之前将 FMG 的柴油采矿车队向绿色采矿车队完成转型所迈出的重要一步，并加速推动了在重工业应用中实现零排放电力系统技术商业化的机会。

The agreement advances the decarbonisation of Fortescue's mobile fleet through this partnership with one of the world's leading manufacturers of mining equipment. Utilising WAE's unique proprietary technology and expertise in high-performance battery systems, the partnership secures a pathway for Fortescue to become a zero emission power system supplier to a tier one original equipment manufacturer and accelerates technology commercialisation.

通过与世界领先的采矿设备制造商之一的公司合作，该协议推进了 FMG 移动车队的脱碳进程。利用 WAE 在高性能电池系统方面的独特专利和专业知识，这一合作伙伴关系为 FMG 成为一家一流设备制造商的零排放电力系统供应商提供了保障，也加速了该项技术的商业化进程。

Under the partnership, Fortescue will purchase a fleet of 120 haul trucks from Liebherr, with delivery aligned to its fleet replacement and sustaining capital expenditure forecast. The commitment represents approximately 45 per cent of the current haul truck fleet at Fortescue's operations. Truck haulage consumed approximately 200 million litres of diesel in FY21 and accounted for 26 per cent of Fortescue's Scope 1 emissions.

基于双方的合作，FMG 将从利勃海尔采购一支由 120 辆运输卡车组成的车队，车队的交付将与 FMG 现有的车队更换计划以及持续资本支出的预测保持一致。这一承诺约占 FMG 目前运营的运输卡车车队的 45%。2021 财年，卡车运输消耗了约 2 亿升柴油，占 FMG 范围 1 排放量的 26%。

The phased supply of haul trucks is anticipated to commence following a two year joint development period enabling the development and integration of Fortescue's proprietary-owned power system into Liebherr's proprietary-owned base truck. Liebherr will supply mining haul trucks to Fortescue in both battery electric truck and fuel cell electric truck configurations, in accordance with Fortescue's requirements.

运输卡车预计将在为期两年的联合开发阶段后开始分阶段地供应，两家公司将在联合开发期间共同开发，将 FMG 拥有专利的动力系统集成到利勃海尔专有的基础卡车中。利勃海尔将根据 FMG 的要求，为 FMG 提供配置了充电式纯电动和燃料电池电动的采矿运输卡车。

The first of the zero emission haul units will be fully operational within Fortescue mine sites by 2025, with the further aim of having the units available for commercial sale from that time.

第一辆零排放运输卡车计划将于 2025 年在 FMG 的矿区全面投入使用，下一步计划在矿区进行商业化应用。

Fortescue Chief Executive Officer, Elizabeth Gaines said, "The signing of this contract with Liebherr marks a significant step in the delivery of our industry leading decarbonisation target to achieve net zero Scope 1 and 2 emissions by 2030.

FMG 首席执行官伊丽莎白·盖恩斯表示：“与利勃海尔签署这份采购合同，标志着我们在实现行业领先的脱碳目标之路上迈出了重要一步，即到 2030 年实现范围 1 和 范围 2 的净零排放。

"We strongly believe that enhancing technology is key to addressing climate change and we are investing in renewables and new decarbonisation technologies to transform our mining fleet to run on green renewable energy.

“我们坚信，进一步强化技术是应对气候变化的关键，我们正投资于可再生能源和新的脱碳技术，从而让我们的采矿车队实现以绿色可再生能源运行的转型。

"This agreement builds on the considerable value already created through Fortescue's acquisition of WAE and demonstrates the significant long term opportunity for Fortescue to commercialise green power system technologies to the broader heavy duty mobility market.

“该协议建立在 FMG 通过收购 WAE 所创造的巨大价值上，彰显出 FMG 拥有极其重要的且长期的机会，在更大的重型运输市场上实现绿色电力系统技术的商业化。

"We look forward to working with Liebherr and WAE to develop and deploy some of the world's first zero emission large mining haul trucks in our operations, while also establishing an important new business growth opportunity for Fortescue as we diversify to become an integrated green energy and resources company."

“我们期待与利勃海尔和 WAE 协作，共同开发并在我们的运营中使用世界首批零排放的大型采矿运输卡车，同时也为 FMG 创造一个重要的新业务增长机会，我们正在逐步实现多元化，旨在成为一家整合的绿色能源和资源公司。”

President of the Administrative Board of Liebherr-International, Dr. h. c. Willi Liebherr said, "This partnership with Fortescue will draw from Liebherr's industry leading equipment and technology, as well as Fortescue Future Industries' expertise in green technologies, to deliver zero emission mining."

利勃海尔国际公司行政董事会主席 H.c. Willi Liebherr 博士表示：“与 FMG 建立合作伙伴关系将运用利勃海尔行业领先的设备和技术，以及 FMG 未来产业公司在绿色技术领域的专业知识，实现采矿业的零排放。”

Fortescue Chairman and Founder Dr Andrew Forrest said, “We are on a march to achieve net zero by 2030, strengthening the economics of our business and making our products acceptable to a zero pollution future. Every day our Fortescue and FFI family take forward the technology, hard work, and willpower of going green, the world mining industry takes one step closer to being the first globally leading industry to go fully green.

FMG 董事长及创始人安德鲁·福瑞斯特博士表示：“我们正朝着到 2030 年实现净零排放的目标前行，加强我们业务的经济效益，并让我们的产品被零污染的未来所接受。每天，FMG 和 FMG 未来产业公司大家庭都在不断地推进技术、努力工作，坚定不移地朝着实现绿色目标努力，旨在让世界采矿业向着成为第一个引领全球产业实现全面绿色的方向迈进一步。

“I hope today’s announcement would also bring a smile to the face of Sir Frank Williams, the visionary that founded Williams F1 and Williams Advanced Engineering. Frank lived to challenge the status quo.”

“我希望今天的发布也能给弗兰克·威廉姆斯爵士带去笑容，他是威廉姆斯 F1 和 WAE 的创始人，更是一位梦想家。弗兰克活着的时候，喜欢不断挑战现状。”

Imagery and footage is available [here](#).

图片和视频请点击[此处](#)下载。

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