

Metal Powder Works Expects USD 1-2 million of Sales over the next 12 months with Hardchrome for Major Bronze Alloy Breakthrough for Laser Cladding Applications

- **Strategic partnership with industry leader Hardchrome continues to deliver immediate commercial success with multiple MPW bronze powders now being supplied to Hardchrome**
- **MPW expects USD 1-2 million sales across validated alloys to Hardchrome over the next 12 months, with MPW's competitive cost advantage positioning Hardchrome to capture additional market opportunities**
- **Exceptional speed-to-market: Complete sourcing, development, and delivery achieved in just six weeks from initial engagement**
- **A 20% increase in laser-cladding material efficiency over alternative materials further improves cost competitiveness**
- **Market expansion success: Strategic entry into the rapidly growing ~US\$1.4B laser cladding market reinforces MPW's diversified approach across traditional powder metallurgy and cutting-edge additive manufacturing**

Metal Powder Works Limited (ASX: MPW) ("the **Company** or "**MPW**"), a leading producer of premium metal powders for additive manufacturing and advanced industrial applications, announces a significant commercial milestone through its successful collaboration with Hardchrome Engineering ("Hardchrome"). This partnership demonstrates the exceptional market readiness and commercial viability of MPW's bronze powder solutions for laser cladding applications, delivering immediate results through MPW's innovative DirectPowder™ process.

USD 1–2 million sales expected from Hardchrome over the next 12 months

MPW expects powder sales of approximately USD 1–2 million over the next 12 months from its bronze alloy powders supplied to Hardchrome, based on successful validation testing, initial production runs and follow-on purchase orders now secured. This commercial progress confirms the competitive performance and cost advantages of MPW's DirectPowder™ alloys in laser-cladding applications and establishes a scalable sales channel with a recognised industry leader.

The Company anticipates further growth as Hardchrome expands deployment of the validated materials across its customer base and as additional alloys progress through qualification.



Rapid Innovation Cycle Delivers Commercial Success

MPW's agile development capabilities have proven their commercial value through an impressive initial six-week turnaround from concept to delivery. The MPW team expertly sourced specialised bar stock, optimised powder processing parameters for the new bronze alloy, and delivered the high-performance material directly to Hardchrome's Australian facility. The seamless integration into Hardchrome's existing manufacturing processes exceeded expectations, which has led to immediate follow-up commercial orders and the advancement of a second innovative alloy through MPW's production pipeline. Metal Powder Works now supplies 11 unique copper-based alloys, adding to the portfolio as customers require.

Capturing Growth in High-Value Market

The global laser cladding market represents a compelling growth opportunity, with forecasts indicating expansion to approximately US\$1.4 billion by 2030 and robust annual growth rates of 8.7% to 10.7%¹. This market serves critical industries including aerospace, automotive, oil & gas, and power generation, where MPW's advanced powders enable the repair and enhancement of high-value components operating in extreme conditions. MPW's successful market entry validates the company's strategic vision of expanding across both traditional powder metallurgy applications and next-generation additive manufacturing solutions.

"This rapid commercial success demonstrates the strength of our team, the excellence of our processes, and the superior quality of our powder solutions," said John E. Barnes, Founder and CEO of Metal Powder Works. "Our partnership with Hardchrome Engineering showcases MPW's ability to accelerate customer success, delivering transformative outcomes in weeks rather than years. This represents exactly the kind of value creation our shareholders expect as we scale our operations."

Andrew Dugan, Managing Director, Hardchrome Engineering said "MPW's powders work well and we look forward to growing the relationship."

Strong Foundation for Continued Growth

This commercial success builds on MPW's established track record of delivering innovative, cost-effective powder solutions that enable customer success. With proven manufacturing capabilities at the Neighbourhood 91 facility and a growing pipeline of validated applications, MPW is well-positioned to capitalize on expanding market opportunities across multiple high-growth sectors.

This announcement has been authorised for release by the Board of Directors.



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ABOUT METAL POWDER WORKS

Metal Powder Works Limited (ASX:MPW) is headquartered in Pittsburgh, USA and specialises in the production of high-quality metal powders for additive manufacturing and other advanced applications. MPW has developed a patented, non-thermal powder production process known as *DirectPowder™*. The MPW process represents the first true innovation in powder manufacturing in over 50 years. This innovative method converts premium bar stock into quality powder for a variety of materials and applications, significantly improving yield and affordability. MPW currently has 16+ powders in production including high strength aluminum, Copper and Copper Nickel alloys, and specialty alloys including CP-Ti and Zircaloy. In 2024, Metal Powder Works was named as Material Company of the Year by the 3D Printing Industry Awards.

For further information please see www.metalpowderworks.com

ABOUT HARDCHROME ENGINEERING

Hardchrome Engineering is Australia's leader in laser cladding and advanced surface engineering solutions. With decades of expertise and a commitment to innovation, Hardchrome provides industries with state-of-the-art coating technologies that extend component life and improve performance in demanding applications.

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 Metal Powder Works 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.

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