

3D METALFORGE PARTNERS WITH PAR PACIFIC TO CAPTURE THE BENEFITS OF ADDITIVE MANUFACTURING

Highlights:

- *3D Metalforge has partnered with Par Pacific Holdings, to bring faster, more sustainable and cost-effective additive manufacturing opportunities to logistically complex markets.*
- *Par Pacific owns and operates four refineries, including one idled refinery, in Hawaii, Washington and Wyoming with a combined refining capacity of over 150,000 barrels per day. Additive manufacturing reduces Par Pacific's delivery time on critical parts, improving supply chain sustainability and reducing the transportation emissions for strategic parts.*
- *3D Metalforge's proprietary intelligent additive manufacturing approach helps companies make their supply chains more sustainable & robust and produce parts more cost effectively, faster and better than traditional manufacturing.*
- *After this initial phase, a selected range of parts will be designed, printed and field tested. Upon successful completion, these parts will form the core range of parts to be additively manufactured for Par Pacific.*
- *Par Pacific Holdings (NYSE: PARR) is a leading US oil and gas company with a market capitalisation of approx. US\$957m, headquartered in Houston, Texas.*

26 August 2021: 3D Metalforge (ASX: 3MF) ("3D Metalforge" or the "Company"), a revenue generating Additive Manufacturing company, is pleased to announce that it has partnered with Par Pacific Holdings Inc ("Par Pacific") a leading refining company, with a market capitalisation of approx. US\$957m and 2020 revenues of \$3.12bn¹, operating three US based refineries with a total refining capacity of 154,000 barrels per day.

3D Metalforge will be working with Par Pacific in Hawaii to identify a range of parts that will be suitable for production using 3D Metalforge's propriety additive manufacturing technology. After successful field testing of these parts, and expected adoption of API (American Petroleum Institute) standards, both companies plan to introduce 3D manufactured parts into Par Pacific's regular supply chain, initially in Par Pacific's Hawaii refinery before being expanded to the rest of Par Pacific's refineries.

¹ <https://finance.yahoo.com/quote/PARR/financials?p=PARR>

3D Metalforge Managing Director, Matthew Waterhouse said: "We are thrilled to be starting this project with Par Pacific and having an opportunity to show how our additive technology can help refineries make their operations and supply chains more robust and sustainable."

3D Metalforge's intelligent Additive Manufacturing approach is already supporting many blue-chip clients, in a range of market sectors, move toward greener manufacturing and production technology.

While the current contract value of this partnership is not material compared to 3D Metalforge's revenue, it is an excellent validation of the Company's technology and market traction.

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This announcement has been approved for release by the Managing Director of 3D Metalforge Limited.

For more information please contact:

Company enquiries

Matthew Waterhouse
Managing Director
info@3dmetalforge.com

Media enquiries

Elodie Castagna
FTI Consulting
+61 4321 200 61
elodie.castagna@fticonsulting.com

ABOUT 3D METALFORGE

3D Metalforge (ASX: 3MF) founded in 2015, is a leading Additive Manufacturing (AM) company that supports a growing multinational industry-leading client base with their advanced proprietary 3D additive manufacturing systems. The Company offers a full range of in-house AM printing services from design and engineering, material advisory, diagnostics and testing, to printing and post-production certification to the latest industry and API standards. Its approach to industrial production, its proprietary processes and eco-friendly technology produce high-demand parts faster, better and more cost-effectively with less environmental impact and greater sustainability than conventional manufacturing.

ABOUT PAR PACIFIC

Par Pacific is a growth-oriented company that owns and operates market-leading energy and infrastructure businesses in logistically-complex markets. Par Pacific combines experience in the oil and gas industry with corporate financing know-how. We bring this unique strength to complex markets where we seek out diamonds in the rough. As a nimble, entrepreneurial organization, we actively pursue new opportunities in response to local market demands and changing external environments.