

## QUICKSTEP HYPERSONIC MATERIALS PARTNERSHIP

### Key highlights:

- Quickstep has commenced a strategically important project to identify, analyse and test high temperature materials for the development of hypersonic aerostructures
- Quickstep and The Department of Defence are co-funding the project, in collaboration with DMTC Ltd., which also involves technical experts and researchers from the University of New South Wales (UNSW)
- The partnership positions Quickstep in the sovereign development of hypersonic aerostructures
- In line with Quickstep's strategic objective of developing new technology partnerships to drive long term growth

**4 June 2022: Quickstep Holdings Ltd** (ASX: QHL) Quickstep is pleased to announce that it has commenced a jointly funded project with Defence, through the Defence Science and Technology Group (DSTG) in collaboration with DMTC Ltd., to identify, analyse and test high temperature materials as a first step towards the development of future hypersonic aerostructures.

Hypersonic aerostructures are components of an aircraft's airframe that are capable of withstanding extreme conditions experienced during hypersonic flight (>5 times the speed of sound), including high heat loads.

The project, named *Hype-X*, will initially focus on the applicability of existing high-temperature materials for the manufacture of hypersonic aerostructures, then move on to develop novel materials and manufacturing processes to fill capability gaps.



Under the project, Quickstep will obtain commercialisation rights to any newly developed intellectual property (IP), with the IP ownership retained beneficially for Australia's sovereign defence capability by DMTC Ltd. The project will also involve technical experts from the University of NSW (UNSW), specialising in the field of hypersonics.

Commenting on the partnership, Quickstep CEO & Managing Director Mark Burgess said: "Quickstep is well known for its advanced composite aircraft structures and has a long history of developing and commercialising advanced composites processes and technologies in new applications. Innovation is at the core of Quickstep, and the Hype-X partnership positions the Company in the development of sovereign hypersonic aerostructures and will further diversify and grow our business over the long term."

DMTC Chief Executive Dr Mark Hodge paid tribute to DSTG's leadership in applying science and technology to safeguard Australia and its national interests. "I'm delighted that DMTC's relationship with DSTG continues to grow and to have this opportunity to collaborate with Quickstep, an Australian company with a deep history of developing aerospace composites, and with UNSW. We are bringing expertise from across the nation's leading aerospace R&D organisations to the fore in the development of hypersonic materials, which has far-reaching and important defence and national security applications."

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*Authorised by Mark Burgess (Managing Director).*

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**ABOUT QUICKSTEP HOLDINGS:**

Quickstep Holdings Limited (ASX: QHL) is the largest independent aerospace composite business in Australia, with facilities in Sydney, Geelong, Melbourne and Dallas. The group employs more than 280 people in Australia and internationally. More information about Quickstep is available at [www.quickstep.com.au](http://www.quickstep.com.au)

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Forward looking statements

This release contains forward-looking statements and information that are necessarily subject to risks, uncertainties and assumptions. Many factors could cause actual results, performance or achievements of the Company to be materially different from those expressed or implied in this release including, amongst others, changes in general economic and business conditions including those related to pandemic disruption, regulatory environment, exchange rates, results of advertising and sales activities, competition, and the availability of resources. Should one or more of these risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary materially from those described in this release. Except as required by law, the Company assumes no obligation to update or correct the information in this release. To the maximum extent permitted by law, the Company and its subsidiaries and officers do not make any representation or warranty as to the likelihood of fulfilment of any forward-looking statements and disclaim responsibility and liability for any forward-looking statements or other information in this release.