30 August 2016

Fastbrick Robotics FY16 Review

Highlights FY16

- Launch of Hadrian X Commercial Prototype
- Construction of World's 1st 3D Printed Multi-Room Brick Structure
- Demonstration of Automated End to End Construction
- Filing of Additional Global Patents for Hadrian X
- Shortlisted as finalist in WA Innovator Awards
- Successful ASX listing and $5.75m Equity Raising

Fastbrick Robotics Limited (ASX.FBR) ("FBR" or "Fastbrick Robotics") is pleased to announce its Preliminary Final Report Appendix 4E for the financial year ended 30 June 2016.

FY16 was a pivotal year for Fastbrick Robotics with the achievement of a number of significant milestones including the successful listing on the ASX raising a total of $5.75m. The working capital raised was an important event that enabled FBR to accelerate its development pathway for its technology demonstrator Hadrian 105 that culminated in a number of construction milestones:

(i) Demonstration of Automated End to End Construction – March 2016

(ii) Completion of Full Scale Room Build – April 2016

(iii) Construction of World's 1st 3D Printed Multi-Room Structure – May 2016

Hadrian X Construction

Following the success of the Hadrian 105 technology demonstrator, FBR in July 2016 announced that it had commenced construction of the Hadrian X commercial prototype. The Hadrian X is the next evolution in construction automation, with an expectation to deliver up to 1,000 standard brick equivalents per hour over a 30m boom from a single position on site. Unlike the Hadrian 105, the Hadrian X will be truck mounted for maximum mobility and minimal worksite footprint.

As part of the Hadrian X development, FBR has filed patent applications covering several new technologies that will be incorporated into the Hadrian X. Once approved, these patents will add to the Company's already impressive IP catalogue. The Hadrian X will be constructed by FBR's specialist engineering team at its Perth workshop. The Company has received significant early stage interest in the Hadrian X from domestic and global construction companies and machine manufacturers.

FY16 Financial Summary

During FY16 the company achieved a significant milestone by finalising the funding to complete the research for the Hadrian 105 technology demonstrator. On 18 November 2015, Fastbrick Robotics completed the back-door listing into DMY Capital Limited by way of a public offer to raise $5.75m. These funds have been deployed into building up the company's human resources, infrastructure and accelerating the development of the Hadrian machines.

The company reported a total loss of $5.779m for the period, which largely reflects the accounting treatment of reverse takeover and business combination transaction. The majority of this loss ($4.208m) is a non-cash accounting adjustment as reflected by the company's cash outflow from operating activities of $1.299m. As at 30 June 2016 the company had $3.821m in cash reserves which FBR anticipates will be sufficient to complete the construction of Hadrian X. It is anticipated that the majority of the construction, development and final testing for the Hadrian X will be finalised during FY17.

FY17 Outlook

Fastbrick Robotics is firmly focused on progressing the development of its technologies and delivering on its strategic objectives for the Hadrian X development. The main priority for FY17 is to substantially finalise the construction of the Hadrian X. In concert with the physical build of the Hadrian X, the board is also focused on ensuring FBR is in a position to also accelerate its commercial pathway and has commenced marketing its technology to potential domestic, European and North American manufacturers and distributors.

During FY17, the company also intends to promote and launch The Architectural Designer, or TAD. TAD is a powerful tool that drives the capabilities of the Hadrian X. The accuracy achieved by the Hadrian X in building from a 3D CAD file will provide significant time and cost savings, by allowing other trades to manufacture components of the new structure in parallel with the bricklaying, rather than having to wait to measure the brickwork.

Fastbrick Robotics CEO Mike Pivac said: "We are pleased with our achievements during FY16, including the completion of the full scale room build and culminating with the construction of the world's 1st 3D printed multi-room brick structure. FY16 was a transformative year for the Company, we set performance goals for ourselves that were substantially met, which has allowed us to move forward with our commercialisation strategy required to create value for all of our shareholders.

We now look forward to the continued development of the Hadrian X and its associated technology and IP. The feedback and global response to FBR's Hadrian Technology has exceeded our early stage initial expectations, I look forward to keeping our shareholders updated on our development pathway and commercial progress in the year ahead."

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About Fastbrick Robotics

Fastbrick Robotics has developed the world's latest innovative advancement in mobile robotic technology that will vastly improve the speed, accuracy and safety of the global brick construction industry. Fastbrick Robotics is finalizing the development of its prototype and will be working towards development of a commercial model for commercial use in 2017/2018.

Concept images of the Hadrian X



Figure 1 – The Hadrian X will be a road-capable, truck-mounted machine with a folding 30m boom



Figure 2 - The Hadrian X in its compact, "road-capable" form. Brick pallets are loaded into the back of the truck and robotically de-hacked and loaded onto the conveyor

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Figure 3 - Hadrian X's boom extending



Figure 4 - Full extension of the Hadrian X's 30m boom, allowing it to 3D print a complete brick structure, course by course

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