fastbrick robotics

Fastbrick Robotics Limited (ASX:FBR)

Investor Presentation, May 2017

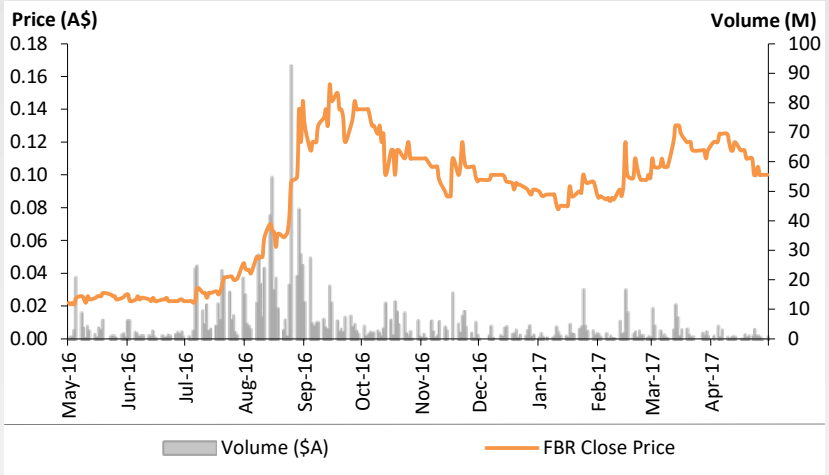
A World First Digital Construction Solution

Fastbrick Robotics Limited (ASX:FBR) is an Australian robotic technology company building a revolutionary commercial construction machine, Hadrian X.

Hadrian X is the first globally patented 3D robotic bricklaying system and set to transform the construction industry with innovative 3D printing technology.

Fastbrick Robotics: Corporate Overview

Capital Structure	ASX.FBR
Shares[1]	764.6m
Options[2]	77.6m
Performance Securities	503.7m
Cash (31-Mar-17)	$9.9m
Market Cap. ($0.105)	$78.4m



Notes

1. Includes 127.0m shares escrowed until 12-Nov-17.
2. Includes 75m options exercisable at $0.02, expiring 12-Nov-17, and 2.6m options exercisable at $0.08, expiring on 18-Sep-18.
3. Includes 500.0m Performance Shares vesting evenly across the following milestones.

   Performance Share Milestones

   Class A: Successful demonstration of the company's robotic building technology through construction of a 3 bedroom, 2 bathroom home structure;
   Class B: Construction of 10th home structure under commercial contract; and
   Class C: Annual operating revenue of at least $10m.

Board of Directors	
Mike Pivac	Exec. Director
Mark Pivac	Exec. Director
Shannon Robinson	Non-Exec. Chair
Gabriel Chiappini	Non-Exec. Director

Fastbrick Robotics: Executive Team

Michael Pivac, Executive Director & CEO

Michael Pivac is a former airborne mission systems specialist with broad experience in night vision, infrared and radar detection systems and has been key to developing the technology and developing the Business Plan and Machine Development Strategy.

Mark Pivac, Executive Director & CTO

Mark Pivac is the primary inventor of Fastbrick's mobile robotic construction technology. He is an aeronautical and mechanical engineer with over 25 years' experience working on the development of high technology equipment and 20 years' experience of pro/engineer 3D computer-aided design (CAD) Software.

Marcus Gracey, COO

Marcus is an experienced ASX company executive, corporate and technology lawyer and a Chartered Company Secretary. Prior to joining Fastbrick, Marcus acted as a Senior Legal Counsel with NYSE listed Newmont Mining Corporation. Other previous experience includes COO of iPernica Ltd, an ASX listed company specializing in global patent assertion and commercialisation of IP. Marcus is responsible for Operations, IP Commercialistion and Business Development.

Fastbrick: Leading An Industry Revolution

Mark Pivac & Mike Pivac in Perth

Fastbrick Robotics is aiming to improve the speed, accuracy and safety of the global construction industry by utilising the world's latest innovation in mobile robotic technology.

Following the successful proof of concept achieved with the Hadrian 105 technology demonstrator, Fastbrick Robotics is now building the Hadrian X commercial prototype.

Delivery of the first commercial prototype Hadrian X in 2017

Hadrian X: The Bricklaying Robot

This has never been done before

Construction of Hadrian X is history in the making

We will revolutionise the global construction industry

Hadrian X: The Game Changer

The Hadrian X bricklaying robot

Hadrian X executes the automatic loading, cutting, routing & placement of all bricks to build a house

The first globally patented 3D robotic end-to-end bricklaying system

Unique Intellectual Property

New levels of speed, accuracy, safety**,** cost & waste management

Validated by leading construction & machine manufacturing companies

Revolutionizing the construction industry & changing the way we build

Streamlining construction

Hadrian X: The Game Changer

Hadrian X requires minimal human interaction and works day and night

Design capability of up to 1,000 bricks per hour, truck mounted and self-powered

Universal brick compatibility up to 500mm x 250mm x 250mm

30m robotic arm allows completion of all brickwork from a single position on site

Omni-track laser alignment system corrects dynamic interference and vibration to within 0.5mm accuracy of computer-aided design (CAD) design

Hadrian X will maximize efficiency and affordability of brick construction with efficient software called **The Architectural Designer [TAD]**

Fastbrick Robotics: Latest Update

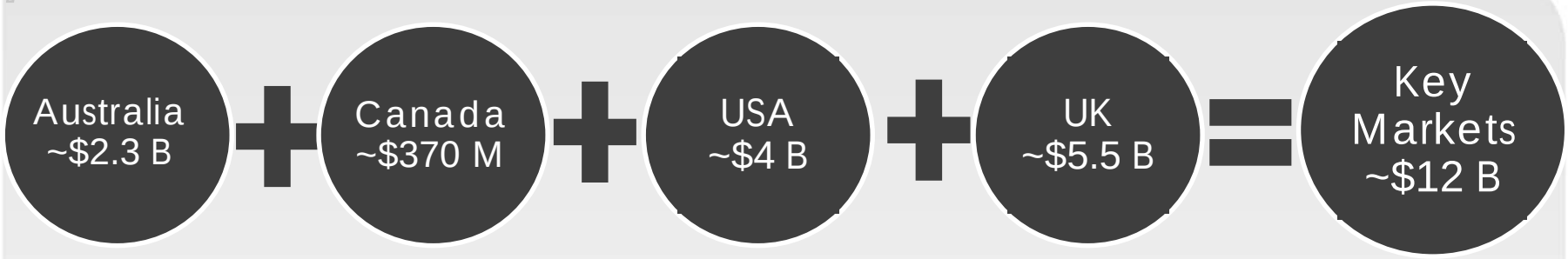
- ✓ **Construction of Hadrian X commercial prototype continues to advance in line with expectation**
- ✓ **On-track to deliver of first commercial prototype in CY17**
- ✓ **Global marketing strategy generates significant interest with potential partners and end users**
- ✓ **Continuing to advance discussions for a global partnering agreement for the sale, distribution, licencing and/or manufacturing of Hadrian X**
- ✓ **Intellectual property portfolio strengthened through three additional provisional patents**

Hadrian X: The Global Opportunity

The Global Addressable Market for the Hadrian X is estimated to be **$100 to $200 billion**

Independent Report from BDO Consulting

Hadrian X: Priority International Markets



Most attractive markets Australia, Canada, USA and UK with a total addressable market of around $12 billion

Competitive advantages created through market inefficiencies including:
Labour shortages
Time sensitivities due to climate
Human error and inaccuracy
High material and labour costs = higher bricklaying margins
Stringent Occupational Health & Safety regulation

Favourable factors including language, government, currency and popularity of bricks in construction

Development Achievements: 2016-17

BUILDING THE FASTBRICK ROBOTICS TEAM

FBR team expands to include, Chief Operating Officer, Engineering Manager, Mechanical Engineers, Mechatronic Engineers, Software, Vision Systems, Simulation Specialists and Administration Manager

PROOF OF CONCEPT DEMONSTRATION

- ✓ Room built from CAD design 1.6m(w) x 2.4m(l) x 2.4m(h)
- ✓ 330 maxi bricks (Equivalent to 2.2 standard bricks)
- ✓ Bricklaying rate ~200 standard bricks per hour

HADRIAN X CONSTRUCTION MILESTONES

Animations & imagery completed and released to market
Commercial prototype construction commences
Proprietary 3D CAD software unveiled: TAD (The Architectural Designer)

Commercial Achievements: 2016-17

EXECUTED AGREEMENTS

ARCHISTRUCT | Signed framework agreement to construct world's first 3D printed brick homes with Perth based company

BUILDING GLOBAL RELATIONSHIIPS

BECHTEL | FBR's Executive team travelled to US at the invitation of Bechtel, the world's largest privately owned construction company

NASA | FBR invited to NASA in California for meetings regarding the Lunar habitat challenge being planned by the US Government

JOHN DEERE, CATERPILLAR, PARSONS | FBR has travelled to meet with US machinery manufacturers

Ongoing discussions with numerous global companies regarding Hadrian machines, partnership opportunities and commercialization of FBR's technology

Fastbrick Robotics: 2017 Priorities

COMMERCIALISATION PARTNERSHIPS

- **Distribution Partnerships**: Continue to build existing commercial relationships and secure machine offtake and distribution agreements in US, UK and South East Asia.
- **Strategic Partnerships:** Progress ongoing discussions with major global equipment manufacturers with a view to establishing strategic partnerships for the commercialisation of Fastbrick's technology

HADRIAN X

- Complete assembly of the Hadrian X commercial prototype
- Undertake factory testing and site acceptance testing
- Successful demonstration of Hadrian X commercial prototype
- Prepare Hadrian X for mass manufacture

CORPORATE

- Fully funded to 2019 ~$9.9m cash (31-Mar-17)

The Future: Leading An Industry Revolution

- World's **latest innovation** in mobile robotic construction technology
- **International patents** secure competitive position
- Development of Hadrian X robotic bricklayer **fully funded** and on-track for delivery in CY2017
- Stand-alone architectural design tool developed, TAD
- Addressable global market of up to **$200 billion** for Hadrian X
- **Competitive advantage**: Time, cost, quality & safety
- Technical & operational **expertise in place** for commercialisation
- Support secured from **governments & major industry partners**
- Opportunity: Collaboration with **technology partners** to further unlock the potential of Fastbrick's underlying technology

Fastbrick Robotics: Join The Revolution

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