38 Goodman Place, Murarrie, Queensland 4172 • Tel: (07) 3908 6088 • Fax: (07) 3390 6898

3 November 2017

Market Announcement Office Australian Securities Exchange Level 6, 20 Bridge Street SYDNEY NSW 2000

Dear Sirs,

# General Information on Zicom Innovations Group Pte Ltd

Further to our announcement on the formation of Zicom Innovations Group Pte Ltd, the Group is pleased to release a General Information Leaflet on Zicom Innovations Group Pte Ltd.

Yours faithfully Zicom Group Limited

G L Sim

Chairman

# **Zicom Innovations Group**

Zicom Innovations Group is an Integrated Medtech Company to be spun off from the Zicom Group Ltd, a 40 year old diversified engineering group that has many decades of regionalization experience with direct presence in key Asia-Pacific markets like China, Australia, Thailand, Malaysia, Indonesia, Philippines, and Bangladesh.

Zicom Innovations focuses on medtech products such as minimally-invasive surgery, diagnostics and healthcare IT. Its core competencies include (i) Product Prototyping, (ii) Clinical Study Coordination, (iii) Large-scale Manufacturing, and (iv) Global Commercialization.

The team comprises of experienced and proactive executives with impeccable leadership and business experience led by Founder and Chairman, Mr GL Sim. In addition, Zicom Innovations is also a MedTech co-investor with SPRING Seeds, and the combined funding pool of \$\$30M is used to invest & nurture high growth medtech companies.

Our partners include leading local institutions like A\*STAR, National University Hospital (NUH), Singapore General Hospital (SGH), and Singapore National Eye Center (SNEC), as well as renowned overseas institutions like Mayo Clinic, Arup Laboratories, Imperial College Healthcare, Universitätsklinikum Tüebingen, Beijing Friendship Hospital, Royal Melbourne Hospital, etc.

# 10 Years of Foundation Work to Establish Growing Precision Engineering & MedTech Segment



on ASX

2009 Strategized to develop platform for medical technology innovations

**Investment into Medical** Technologies, appointment as MedTech IP Translator and MedTech Co-Investor

by SPRING

Mr Sim Giok Lak

- Director of SPRING
- Chairman, Growth Policy Advisory Committee, SPRING
- Chairman, Grant Appeal Panel, SPRING
- Member, Strategic Advisory Panel, DxD Hub
- Member, Singapore National Eye Center Incubation Board
- Board of Governors, UOB-SMU Asian Enterprise Institute
- E&Y Entrepreneur 2008 (Industrial)

# Corporate & Commercialization (see reverse side for more info) Note \*Likely outcome

of the group of companies to be spun off under Zicom Innovations Group Pte Ltd. Actual corporate

structure may

differ.

\*\*Companies invested under SPRING's Co-Investment scheme where Zicom has the option to purchase SPRING's shares at a future date based on an

agreed formula

# **Key Management**

#### Corporate





PRC MACC

SGP HUB

Investments

Corporate venturing with

· Co-Investor with Singapore Government Agency, SPRING.

investments exceeding US\$30M

so far into deep technologies







Mr Peter Cheng Chief Technology Officer



**Zicom** 

MedTacc

Sys-Mac

Biobot

Curiox

Histoindex\*\*

Endofotonics\*\*

Pellucid\*\*

Belkin

IPTEC

Orion

Saedge

PT Sysmac

MTA-Sysmac



Engineering & Manufacturing

(see below for more info)



Commercialization

Investments &



**USA MACC** 

# Our Infrastructure and Outreach

# **Market Adoption**

Deputy Chief Executive Officer



- Drive market entry & expansion of products & scout for synergistic technologies that complement our platform via Market Access and Collaboration Centers (MACCs).
- Provide market assessment, technology scouting, clinical partnerships, regulatory guidance, sales channels
- Engaged commercially with various thought leaders and distributors in key markets like Singapore, USA, Europe, and Australia.
- Established an end-to-end sales and after sale support team to focus on expansion into the Asia Pacific region.

# Clinical & Regulatory



- Clinical studies with local and overseas academic centers
- Publications in high impact factor journals
- Attained key market regulatory approvals with FDA, CE, HSA, TGA
- Regional markets product registrations
- Post market surveillance







Principal Activities · Contract Manufacturing & Automation Engineering

Customer Segments · Healthcare and Consumer Electronics

Engineering Capabilities Electromechanical, mechanical, electrical, software, firmware, optics, photonics, medical imaging, DICOM, medical data analytics, quality, manufacturing

Facilities in Asia

Approx. 100,000 square feet situated at Woodlands & Batam

Quality Certifications ISO 13485:2003, ISO 9001:2008, FDA 21 CFR Part 211











ANZ MACC





## **Product Description**

 Needle-based robotic platform for prostate cancer biopsy and treatment (US\$47B market by 2016)<sup>1</sup>

### Status update

- Commercialization stage
- Key customers/ collaborators: Singapore General Hospital, Mayo Clinic, NYU Langone Medical Center, Rush Medical, Imperial College Healthcare, Universitätsklinikum Tüebingen, Universitätsklinikum Freiburg, Epworth Hospital, Macquarie Uni Hospital





### **Product Description**

 Laser-based imaging platform supporting development and commercialization of fatty liver drugs (US\$25B market by 2026)<sup>2</sup>

## Status update

- · Commercialization stage
- Key customers/ collaborators: Singapore General Hospital, National University Hospital, Arup Laboratories, Queen Elizabeth Uni Hospital, Monash Uni, Royal Melbourne Hospital, Beijing Friendship Hospital, Guangzhou Southern Medical Uni Hospital, Taiwan Uni Hospital



# **Product Description**

 Cloud-based Eye disease grading platform to allow prevention or early treatment of avoidable blindness such as glaucoma (US\$2.4B market in 2013)<sup>(3)</sup>

# Status update

- Commercialization stage
- Key customers/ collaborators: Singapore National Healthcare Group & SNEC, Topcon, NGOs like Sightsavers and Operation Eyesight Universal



# **Product Description**

 Blood diagnostic platform that enhances performance of assays performed using flow cytometer (US\$5.7B market by 2018) <sup>(4)</sup>

# Status update

- · Commercialization stage
- Key customers/ collaborators: GSK, Merck, Novartis, Takeda, AstraZeneca, Genentech, Charles River



# **Product Description**

 Laser-based eye surgical tool that provides rapid treatment for glaucoma (US\$2.4B market in 2013) <sup>(3)</sup>

# Status update

- · Clinical trial stage
- Key collaborators: Meir Medical Center (Israel), Sheba Medical Center (Israel)



# **Product Description**

 Endoscopic probe for realtime diagnosis of gastrointestinal diseases (US\$30B market in 2015) <sup>(5)</sup>

# Status update

- · Clinical trial stage
- Key collaborators: National University Hospital, National University of Singapore

<sup>1</sup> BCC Research, Mar 2017: Prevention and Treatment of Prostate Cancer: Technologies and Global Markets

<sup>&</sup>lt;sup>2</sup> Global Data, May 2017: Nash – Opportunity Analysis and Forecasts to 2026

<sup>3</sup> https://www.dddmag.com/article/2015/06/glaucoma-treatn — market-value-will-grow-moderately-3b-2023

<sup>&</sup>lt;sup>4</sup> BCC Research, Oct 2013: Flow Cytometry – Products, Technologies and Global Markets
<sup>5</sup> Zion Market Research, Oct 2016: Global Endoscopy Devices Market Set for Rapid Growth to Reach USD 41,813.42 million in 2021