

# Strategy Update May 2018

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**Mission and Strategy** 

Success through Innovation, Technology, Motivation

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**Key Developments** The Present and the Near Future

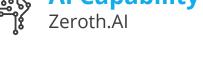
**The Crazy Kings Games** Status and Plans for the Hit Franchise

**In-House and Partner Know-How** 

Unique Capabilities

**Financial Position** A Platform for Growth

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Appendix





Success through Innovation, Technology, Motivation

**MISSION AND STRATEGY** 

# MISSION



# Leverage our unique capabilities to make compelling consumer applications based on:



# **INNOVATION**

Combining strategy and technology to **remain ahead of the curve** 



# **TECHNOLOGY**

Foundational tech: Mobile, Blockchain and Al



# **MOTIVATION**

Ensuring applications are fun and engaging: **Games**, **Gamification** 

# STRATEGY



### Build more great entertainment

Continue to leverage experience and an industry-leading portfolio of licensed brand relationships to make more great mobile games like **Crazy Defense Heroes** 

#### **Continuous innovation**

Innovation sustains us: we aim to be leaders in blockchain gaming like **CryptoKitties**, while leveraging Machine Learning and AI to optimise products and improve monetisation and user experience

#### **Focused efficiency**

Small dedicated teams or studios focused on specific areas. Each team is focused, nimble and decentralised

#### **Examples:**

TicBits for the Crazy Kings games

**OliveX** for health & fitness products

Zeroth.ai companies for Al



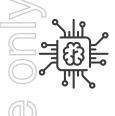


Blockchain Gaming, Al

**TECHNOLOGY OPPORTUNITIES** 

# **BLOCKCHAIN AND GAMING**





#### Gamers understand cryptocurrency

- Virtual currencies have been used in video games for decades
- Gamers are well habituated to virtual/fiat currencies
  - "Gold farming" in World of Warcraft was a black market employing thousands
  - "eBaying" players exchange virtual goods for real money

#### Games generated US\$108.4 billion in revenue in 2017

• \$82 Billion is from 'free to play' games (optional in-app purchases)

#### Blockchain has significant benefits for gamers

- Reduces transaction costs thanks to use of cryptocurrency
- Allows gamers to own their personalised/unique in-game items
- Provides gamers the opportunity to earn money by trading virtual items in the gaming economy



# Blockchain and cryptocurrencies let game developers increase revenue opportunities and user engagement

#### Current Game Revenue

- In-app purchases
  - Including subscriptions
  - Advertising

#### Additional Blockchain Revenue

- ICO / Token sales
  - In-app purchases utilising Tokens
- Revenue clip based on transaction volume over the platform (e.g. CryptoKitties)



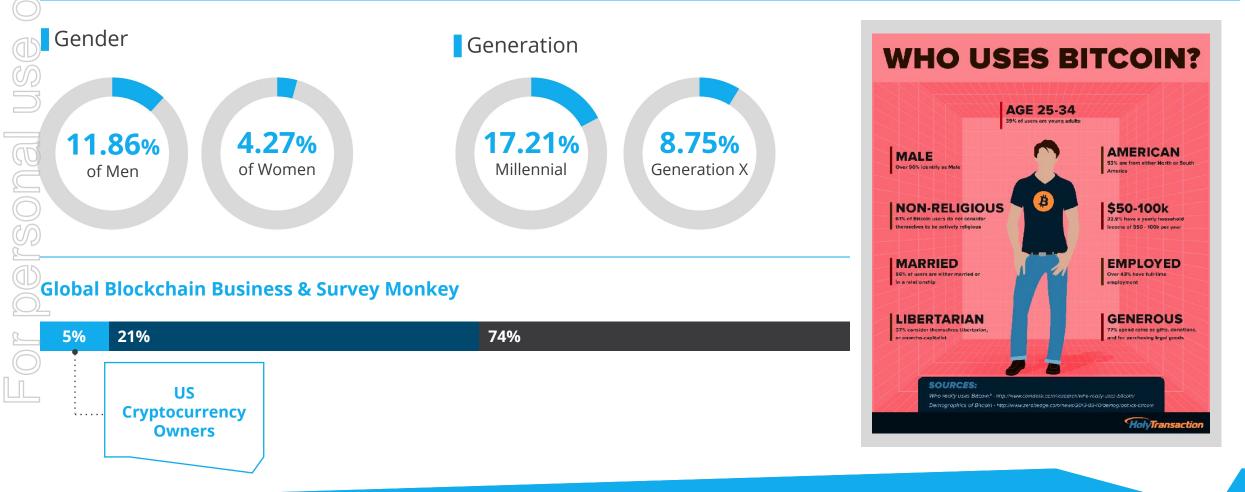
# Animoca Brands at forefront of blockchain gaming

- Commercial relationship with Axiom Zen, developer of highest grossing blockchain game (CryptoKitties)
- Strategic investment in **Fuel Powered** for capabilities in blockchain, Al
- Strategic investment in **Zeroth** for capabilities in AI, token sales, ICO

# **BRINGING THE 95% INTO CRYPTO THROUGH GAMIFICATION**



Opportunity to bring cryptocurrency and blockchain to the masses using game mechanics



# AI WILL POWER THE APPS OF THE FUTURE



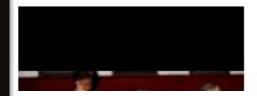
# OGISONA



By Gigi Onag | 2018-03-02



V Tweet Like 0



Hong Kong technology sector is one of the big winners in this year's annual budget with an additional investment of HK\$50 billion (US\$6.4 billion) allotted to developing innovations in the areas of biotechnology, AI, and fintech.

#### European Commission unveils €1.5bn AI funding

Given the UK's new artificial intelligence sector deal, the European Commission is unveiling its own initiative to make Europe a world leader in Al

Cliff Saran Managing Editor 26 Apr 2018 13:30 The European Commission (EC) has announced it will be investing an extra €1.5bn in artificial intelligence (AI) for the period 2018-2020 under the Horizon 2020 research and innovation programme.



Global tech industry backs UK with \$1.4 billion artificial intelligence deal

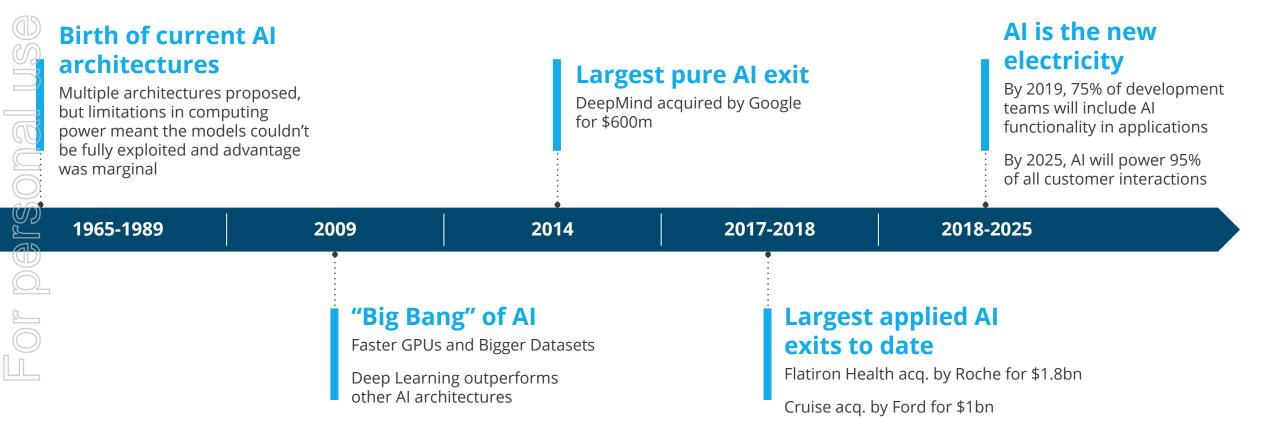
 The deal was backed by Japanese and Canadian venture capital firms, U.K. automaker Rolls-Royce, the British government and other investors.
 Theresa May's government has been driving an industrial strategy to tap into the growing industry.

Ryan Browne | @Ryan\_Browne\_ Published 5:01 AM ET Thu, 26 April 2018

# AI WILL POWER THE APPS OF THE FUTURE (cont.)



Gartner projects the AI industry will be worth over \$3.9 trillion by 2022



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# **SUMMARY OF THE OPPORTUNITY**





# **BLOCKCHAIN**

Blockchain gaming is booming, and Animoca Brands has an early lead with products like **CryptoKitties** and **WalletPet** 



# A

In-house resources at Zeroth.ai and Fuel Powered enable us to leverage AI in our business and products, enhancing operational efficiency, gameplay/features and monetisation



# BRANDS

Animoca Brands is one of the largest licensees of brands in the mobile entertainment industry, which can be used in gaming, blockchain, and Al-based products



**Unique Capabilities** 

IN-HOUSE AND PARTNER KNOW-HOW

# **UNIQUE CAPABILITIES**



#### Validated gaming experience: established apps, strong revenue



- Crazy Kings is a midcore tower defense game for iPhone and iPad developed by TicBits in 2015
- TicBits was acquired by Animoca Brands in 2016
- The sequel Crazy Defense Heroes (CDH) launched in 2018, also for iPhone and iPad
- The games leverage successful midcore game types: tower defense, collectible cards, clan strategy
- The Crazy games generated significant revenues: over A\$2.8m in first 3 months following launch of CDH
- CDH is live globally for iOS devices, ex-Middle East. Android version to be completed in Q3 2018
- Now leveraging the game engine to produce new games for popular brands

#### **Brand Advantage**

- Broad portfolio of licensed brands
- MasterChef mobile game in development
- Beast Quest mobile game in development
- Ongoing relationship with Mattel, Inc., including products for Thomas & Friends™, Ever After High™, Monster High™, Masters of the Universe™, etc.
- Dozens of other brands including Star Stable, Doraemon, Garfield, Ben 10, Astro Boy



# **UNIQUE CAPABILITIES (cont.)**



#### **Core Technology: AI**

Ζ



- Asia's first artificial intelligence (AI) and machine learning focused accelerator
- Currently 34 companies are participating in/have graduated from its accelerator program in Hong Kong
- Areas of interest include: Edge Computing, Natural Language, Autonomous Vehicles, AgTech, Human-Machine Interface, Ethical Computing
- Zeroth Founding Partner Tak Lo was formerly managing director of Techstars, the famous New York-based accelerator
- All together, Zeroth advisors have created more than USD\$1.7bn in company value

#### **Core Technology: Blockchain**

# FUELPOWERED

- Completed the acquisition of 60% of Fuel Powered, technology service provider specialising in AI and blockchain gaming
  - Key clients: SEGA (Sonic Dash) and Axiom Zen (CryptoKitties)
  - Founder Mikhael Naayem joined Animoca Brands as President of Games and is Director and COO at Axiom Zen
  - Partnership with Red Robot K.K. to produce various blockchain and cryptocurrency related products, including **WalletPet**, a gamified instructional wallet mobile app

# **UNIQUE CAPABILITIES (cont.)**



#### Core Technology: Blockchain (cont.)

- Animoca Brands agreement with Axiom Zen (client of Fuel Powered) to license and publish **CryptoKitties** on mobile in China
- First and most successful consumer product built on blockchain technology; users collect, breed, and trade cryptocollectible digital cats
- In March, CryptoKitties raised US\$12m through prominent venture capital firms Andreessen Horowitz and Union Square Ventures. Other strategic investors in the funding round included Coinbase Inc Founder, Fred Ehrsam and AngelList CEO Naval Ravikant
- Leading blockchain game globally, 1.5 million registered users and over US\$40 million in transactions
- Strategically positions Animoca Brands in the field of blockchain gaming with a market leader
- Tuzki creator Momo Wang working with Axiom Zen and Animoca Brands to design limited edition CryptoKitties
- Animoca Brands receives a share of revenue generated by the game in Greater China, and worldwide royalties from Momo Wang's designs and associated transactions

AxiomZen

**CryptoKitties** 

# SUMMARY: AN INTEGRATED BUSINESS PLAN





# FOCUS ON FOUNDATIONAL TECHNOLOGIES

Blockchain Artificial Intelligence



# **OUR ADVANTAGES**

Game design and gamification Software development Partnerships with major brands Industry connections Technology expertise



# CONNECTING THE OPPORTUNITIES

Products that utilise Al and/or Blockchain

Leverage portfolio of brands

Repurpose assets like game engines for new projects



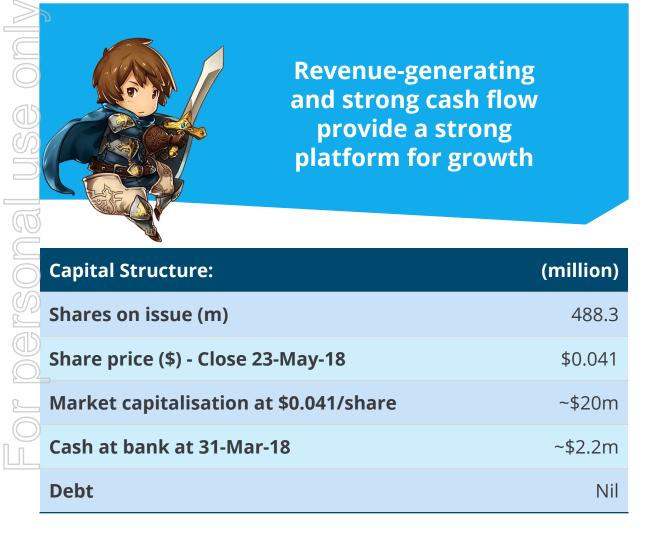


A Platform for Growth

**FINANCIAL POSITION** 

# **FINANCIAL HIGHLIGHTS**





#### Q1 FY18 Financial Results: significant growth



- Q1 unaudited revenue \$3.4 million QoQ growth 113% (4Q17 \$1.6 million). Revenue for FY2017 was \$6.4 million
- Cash receipts of \$3.4 million QoQ growth 264% (4Q17 \$0.9 million)



- Net operating cashflow \$0.5 million QoQ growth 163% (4Q17 (\$0.8) million loss)
- Crazy Kings franchise a strong contributor generating
   \$2.8 million in the three months following launch of Crazy
   Defense Heroes (8 Jan 8 April 2018), or \$2.6 million
   in the quarter

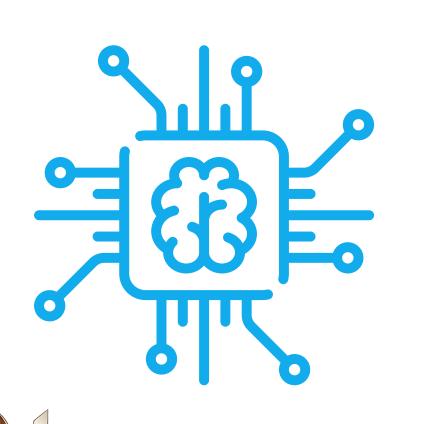
#### Continued growth for Crazy Kings franchise

- · 'Re-skins' and adaptations (e.g., Beast Quest)
- Android market
- Blockchain functionality
- Al integration for expanded feature set
- Launching new mid-core games from Finnish development teams to underpin additional revenues

# **NEAR TERM GROWTH DRIVERS**



#### **Multiple developments expected in Q3 2018**



- **OliveX** subsidiary to address market for Health and Fitness apps, estimated to be worth US\$100+ billion by 2023
- Continue to drive revenue through roll out of Crazy Kings franchise:
  - Android version of Crazy Defense Heroes expected in Q3
  - New brand adaptations such as **Beast Quest** that leverage existing technology
  - Blockchain functionality to increase ARPU\* of games
  - Al integration for expanded feature set
- Multiple crypto applications pending projects will leverage capabilities of Fuel Powered
- Launching new mid-core games internationally to underpin additional revenues

  - Exploring multiple opportunities to leverage blockchain in existing and future products
- Work ongoing to "tokenise" apps

Paradigm shift in software models: build decentralized apps (**Dapps**)

\* Average Revenue Per User





Status and Plans for the Hit Franchise

THE CRAZY KINGS GAMES

# THE CRAZY KINGS STORY

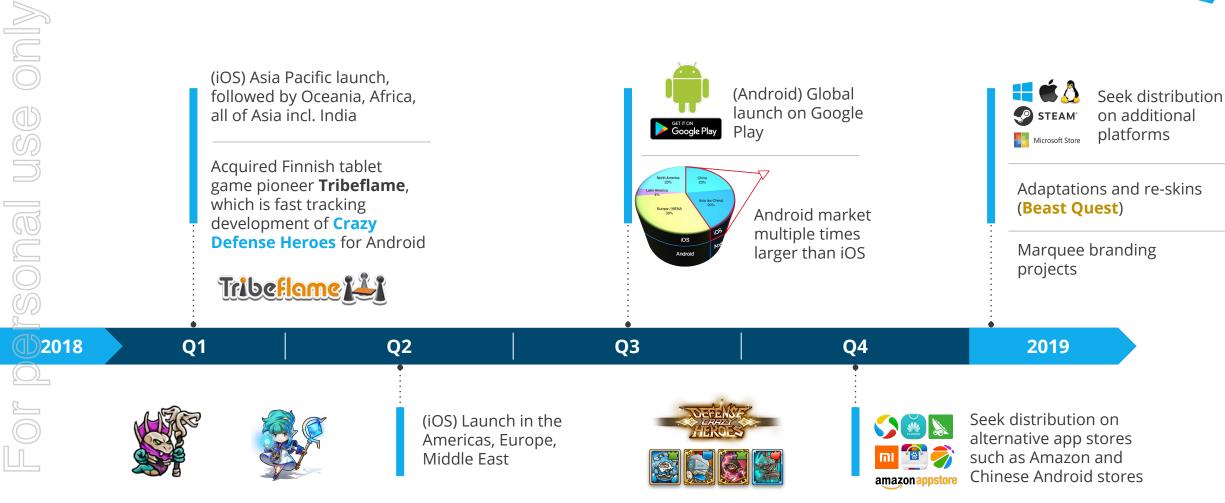


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# **CRAZY DEFENSE HEROES (CDH) ROADMAP**





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# **CDH: THE ANDROID OPPORTUNITY**



# Android market about **4 times larger than iOS**

Development of Android version underway Additional monetisation functions being added

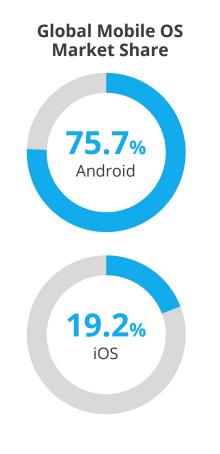
Expected to launch on Google Play globally in Q3



Launch to **increase network effect** for both applications

Company pursuing additional distribution options to drive growth (e.g., Amazon, Chinese app stores)

Adaptations and "re-skins" **underpin additional revenues** (e.g., **Beast Quest**)





# **CDH: VALUE EXTENSION**

Adaptations



Re-branding, adapting, "re-skinning" Crazy Defense **Heroes** into new products for brand partners



Maximise value of products by offering brand partners commercially appealing and proven game solutions



Branded strategy accesses large and committed new audiences of fans



Co-investment with brand partners for development and distribution of new products using the Crazy **Defense Heroes** game engine



Leverage the brand partner's existing fan base and communication channels



The first adaptation is underway with the popular children's fantasy novels franchise **Beast Quest**. Launch in early 2019.



120+ titles published Over 18 million copies sold



# **CRAZY KINGS FRANCHISE: JUST GETTING STARTED**



# **Crazy Kings & Crazy Defense Heroes Q1 2018\***

Downloads: **829,000** Revenue: **~\$2.8 million** ARPU: **\$3.4** 

\* Performance data for 3 months (8 Jan - 8 April 2018)

### **Potential audience for CDH adaptations**

# Beast Quest market: 9+ million downloads



Based on downloads of the previous *Beast Quest* mobile game by Miniclip

# Addressable market: 230+ million downloads

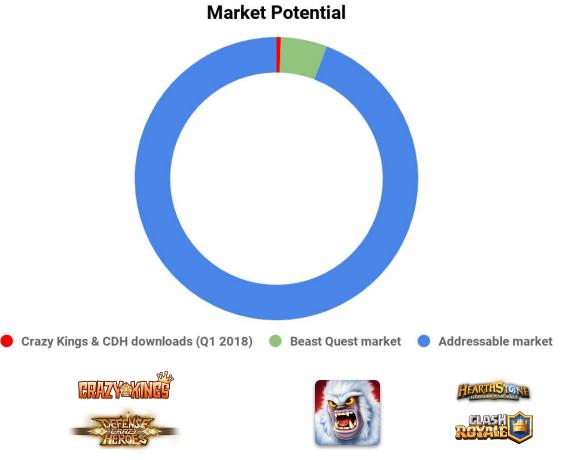
Based on two games of similar legacy:



70+ million downloads



**160+** million downloads



# **ACCESS TO HOUSEHOLD BRANDS**







The Present and the Near Future

**KEY DEVELOPMENTS** 

# **CRYPTOKITTIES** Greater China Launch Progress



Beta launch to 5,000 players through the **CryptoKitties** WeChat account in March 2018



Regulatory hurdles being navigated —**broader rollout expected shortly** 



**Momo Wang**, creator of popular Chinese character Tuzki, has finalised designs for limited edition cats as part of broader launch



China Android launch within 6 weeks



Approximately ⅓ of trading on CryptoKitties is conducted in China

**CryptoKitties** 

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	H	

Currently only available through web browser —mobile launch could potentially drive increased volumes by improving customer adoption and ease of access



Animoca Brands has **exclusive mobile distribution deal for Greater China** where it receives 30% of net revenue from the app





# **OLIVEX TARGETS HEALTH AND FITNESS** Subsidiary Develops Gamified Apps for Health and Fitness



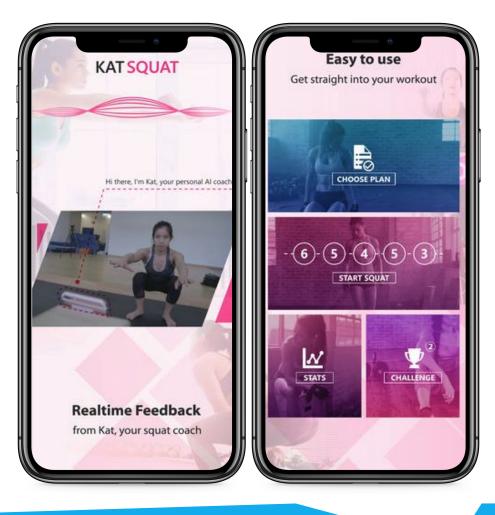
**OliveX** formed to develop and publish a range of mobile apps, powered by artificial intelligence (AI), that leverage gamification to address the fitness and health of users



Health and fitness apps market size: **US\$28 billion** and projected to grow to **US\$102 billion** by 2023 (*Research and Markets*)

# **OliveX management includes**

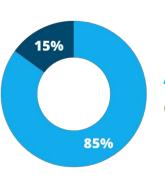
15	Sonny Vu	Director	Founder of MisFit, a wearable tech company acquired by Fossil Group for US\$260 million in November 2015
_	Keith Rumjahn	Director	CEO of Coachbase, a top-ranked paid app for iOS, Android, and Mac
$\bigcirc$	Dylan Boyd	Advisor	Served as managing director of Techstars' Nike+ accelerator program
	Jeremiah Owyang	Advisor	One of the founders of Catalyst Companies and noted tech analyst





# OLIVEX TARGETS HEALTH AND FITNESS (cont.)

Subsidiary Develops Gamified Apps for Health and Fitness



Dersonal

Animoca Brands has 85% ownership OliveX management has 15% ownership





Al-based fitness app for popular Chinese exercise system Baduanjin



Al/wearable diagnostic and monitoring app to address specific health issues



Recently awarded A\$770k grant from Hong Kong government to build Al-based exercise app

# WALLETPET THE GAMIFIED CRYPTOWALLET





Joint venture with Japanese developer Red Robot K.K.



Product nearing beta launch

#### WalletPet: multipurpose gamified mobile cryptowallet



#### **Mobile Wallet App**

Store/send/receive multiple digital currencies (ERC-20/ERC-721) and monitor balance

#### Educational

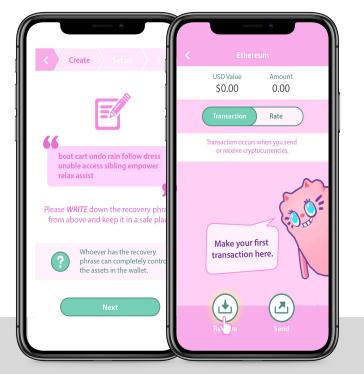


#### Gamified

Built-in game systems to familiarize users with blockchain and cryptocurrency

#### **US\$ 370 BILLION**

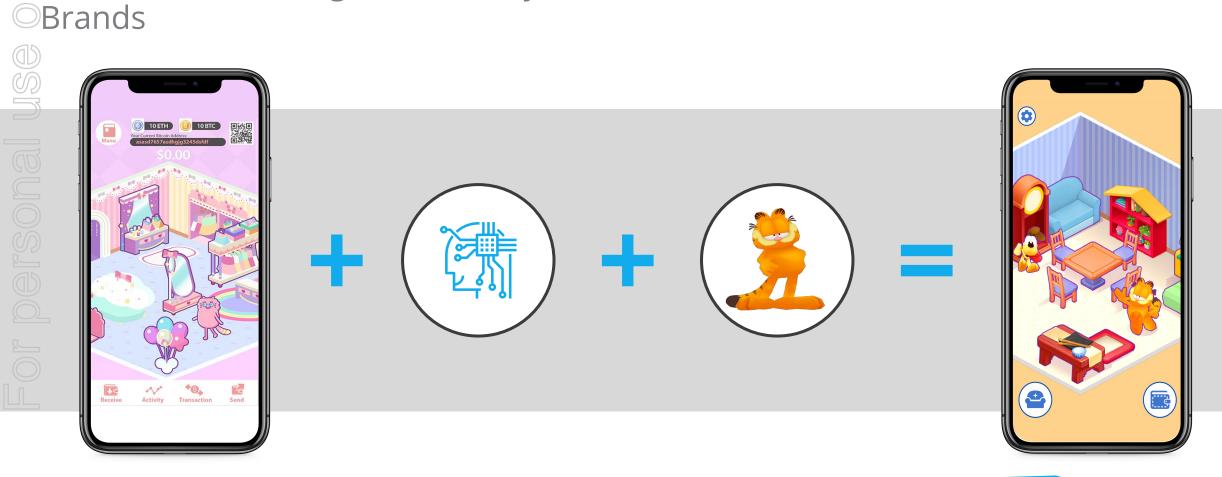
Total market cap of all cryptocurrencies



Opportunity to gain market share in rapidly growing cryptocurrency and blockchain wallet market by offering a gamified primer on cryptocurrency.

# WALLETPET FUTURE TRACK AND SYNERGY









Zeroth.Al
AI
CAPABILITY AND OPTIONALITY

# WHY ZEROTH?

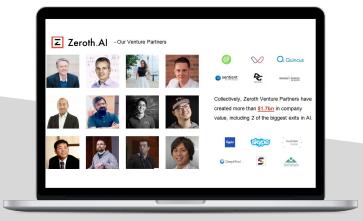


# Zeroth has full visibility on the AI ecosystem





Zeroth's global reach and consistent dealflow provide a unique perspective on the state of AI across all industries around the world for a key competitive advantage.



#### Zeroth delivers strategic value

- Al talent is scarce and urgently needed
- Zeroth can deliver prime Al talent
- Almost every company is looking to scale up with Al

- Zeroth informs us about the next disruptions
- The only Al Accelerator in Asia
- High profile, strong management team

# ZEROTH.AI STRATEGIC RATIONALE

Investment consistent with focus on innovative, cutting-edge technologies and investing for the future



#### Significant potential upside for both parties to realise strategic value



#### Strategic partnership for innovation

Value for Animoca Brands...

Gives Animoca Brands access to cutting-edge AI and machine learning technologies

#### **Cost saving opportunities**

Zeroth.ai and portfolio companies co-located, developing and sharing intellectual property

#### **Building equity for the future**



Investment brings strong potential for equity upside in Zeroth.ai companies as they continue to grow, prosper, and aim to spin off



#### Strong operating upside

Co-location means direct access to highly experienced mobile development teams

...and value for Zeroth.ai

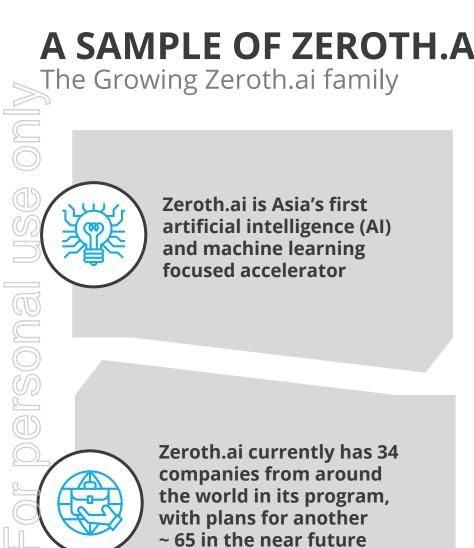


#### IP and distribution access

Zeroth.ai companies can leverage Animoca Brands' licensed IP portfolio as well as its global audience of gamers

# **A SAMPLE OF ZEROTH.AI COMPANIES**





#### Sample of Zeroth companies

#### Hong Kong

FANO<sup>f # # #</sup>



Palo Alto A Slack bot that organizes your team on Slack

improve their customer services

# **botimize**

FanoLabs is developing Speech & NLP (natural language processing) technologies to help enterprises

Taiwan

London

Vietnam

An analytics platform for developers to track, test and optimize their bots



Hong Kong A white-label chatbot helping banks do customer service

#### India

A dishq Provides personalisation tech for the online food industry



San Francisco An AI assistant that does all of your social media marketing



Al that automates software development and business processes



Sero uses AI to diagnose rice crop health issues and predict productivity



Taiwan

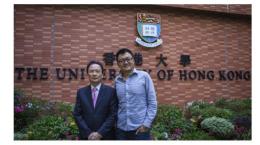
A portable and robust deep learning solution for connected devices

# **ZEROTH.AI: SIGNIFICANT SUCCESS**





Fano Labs' specialities lie in speech recognition and natural language processing technologies



Hong Kong-based AI startup Fano Labs has raised an undisclosed Pre-Series A round led by Horizon Ventures, the private investment arm of Li Ka-shing.

The company, which is backed by Hong Kong-based Al accelerator Zeroth.al, develops speech recognition and natural language processing (NLP) technologies that focus on Chinese dialects processing and analysis. Slackの会話データで社員のエンゲージメント Laboratikが8000万円調達 2018年4月16日 by Takuya Kimura





写真左がLaboratik代表取締役の三浦豊史氏

Slackなどのコミュニケーションツールから得た会話データをもとに、社内のエンゲージメントを可視 化するポットの「A: (エー)」を提供するLaboratikは4月16日、Archetype Ventures、みずほキャビ タル、エルテスキャビタル、Zeroth AI、ほか個人投資家を引受先とする第三者創当増資を実施した。 調達金額18000万円だ。



# APPENDIX

# **APPENDIX 1: BUSINESS STRUCTURE AND OWNERSHIP**



$\bigcirc$	N	IOBILE APPS	BLOC	KCHAIN GAMES	A
	Opportunity	Key Points	Opportunity	Key Points	:
ersonal us	TicBits and Crazy Kings game franchise (100%)	Key revenue generator Further growth through 'reskinning' deals (Beast Quest, development funding from Coolabi), Android release	[unnamed venture] (50% rev. share) WalletPet	JV with leading Japanese developer Red Robot K.K. Educate and familiarise players with cryptocurrency through gamification	Unique al game fun off
JOSJ	Tribeflame (100%)	Tablet game pioneer, accelerates development of mobile games. Includes popular Benji Bananas franchise	Fuel Powered, Inc. (60%)	US blockchain tech company and service provider focused on maximising game revenues. Commercial relationships with SEGA, Bandai Namco and Axiom Zen (CryptoKitties)	Compai \$300m t
	OliveX (85%)	Health and fitness apps provide significant opportunity - market size expected to exceed \$100B by 2023	CryptoKitties (licensing)	First game based on blockchain - generated volumes of \$40m in trade in less than 6 months. Animoca Brands holds exclusive distribution	
	Nitro Interactive (50% rev. share)	Blockchain based cryptocurrency system aiming to connect stakeholders in the game industry on one platform		rights in greater China	

#### ARTIFICIAL INTELLIGENCE

EROTH.AI - Multiple Opportunities							
ADVISORY	INCUBATOR						
bility to use ICOs for ding and marketing balance sheet	Strategic access to innovative Al startups, resources, and talent globally						
ny has raised over to date for its fund	High potential of significant returns as the startups mature						