



# 3. No to fire & explosions

## **Cell fire extinguisher**

**Reducing probabilities of Li-ion fires**



100



# Explosion Prevention

**Utility-Patent** Cell fire extinguisher  
for the safest battery pack –  
No: 201910506617.3



This diagram illustrates the assembly of a battery pack. It shows a top cover, a middle plate, and a bottom cover. The middle plate contains four green cylindrical cells. Dotted green lines indicate the alignment and assembly sequence of the components.

# Competitive edge



## Range of application

- 5 kinds electric mobility
- Competitors: covers 1 kind



## Cost of infrastructure

- Infra Cost: 31% cheaper
- Wh/mm<sup>3</sup>: 53% better



## Revenue streams

- 5 types of revenue streams
- Competitors: up to 2 types

# Market potential

US\$22

Billion +

**Market size of China**

E-mobility to surpass by 2024

30<sup>x10</sup>x

Million +

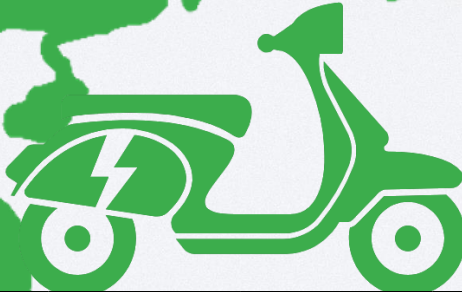
Bought to the road yearly  
Replacements for worn bikes

300<sub>x</sub>

Million +

**What we are targeting**

Existing users in China alone



Problem

Solutions

Technologies

Competitive edge

Market potential

Business model

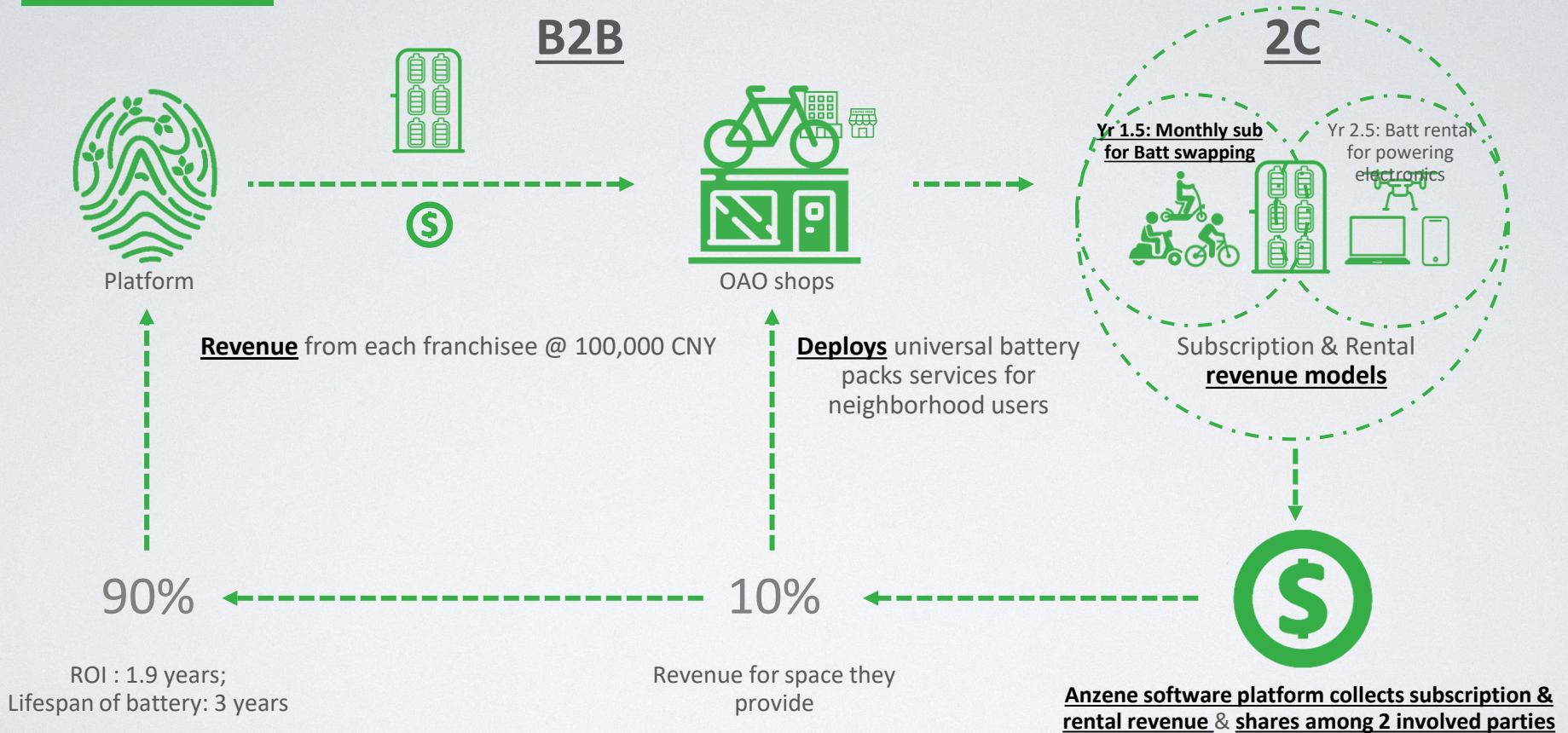
Team

Validation

Funding

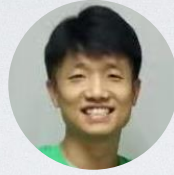
Roadmap

# Business Model (Hardware): B2B2C





# Dream Team:



**Joshua CHUAH**  
**CEO**

8 yrs: 2 startups & crowdfund sales  
#Emobility #BizDev #Sales  
China



**Xing An GUO**  
**CTO**

10 yrs: Batt & EV charging infra  
#Engineering #Tech #AI  
China



**Dr. CHAN Wai Lee**  
**Advisor**

#Aerospace  
University of Michigan, USA



**Dr. Gordana ILIC**  
**Advisor**

#Chemistry  
NTU, Singapore



**Joshua LIN**  
**COO**

8 yrs: Product sales & fundraising  
#Finance #Operations  
Singapore



**Zhi Min MAO**  
**Head of R&D**

3 yrs: EV control system  
#ControlSystem  
China



**Wei Hua WU**  
**Head of Software**

9 yrs : Huawei's Network Proj. Mgr.  
#Communication #IOT  
China



**T.X WOON**  
**CSO**

10 yrs: Mobility & batt bus.  
#HR #BizDev  
Singapore

Problem	Solutions	Technologies	Competitive edge	Market potential	Business model	Team	Validation	Funding	Roadmap
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# Validation so far:



## Diversify Energy Network

No > blackout when everyone uses at peak time



## Batt's Data for Recycling

5% saving, > recycling & less environment impacts



## Shorten Renew. Infra ROI

Reduce up to 30% for ROI time needed



## Data for Dyn. Smart Cities

Sharing real-time traffic, road, weather, energy I.O info



## Data for IoT Energy Network

Standardising information sharing of different energy I.O



## Cost Reduction for 5G Setup

> utilization with 5G stations & reducing setup cost



## > Public Renew. Investment

Lower cost participation for users of the energy marketplace



## Spending Digital Currency

A closed loop ecosystem that rewards usages

Problem

Solutions

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# Roadmap

Our mission is to pioneer the circular economy in energy storage, removing single-life battery and massively reducing the carbon footprint of the products we use.

