



**ZIXIN GROUP HOLDINGS**

**紫心集团控股**

(Incorporated in the Republic of Singapore with Unique Entity No.: 200718683N)

Website: [www.zixingroup.com.sg](http://www.zixingroup.com.sg)

SGX stock code: **42W**



**CORPORATE PRESENTATION**

**企业简报**

**8 SEPTEMBER 2023**

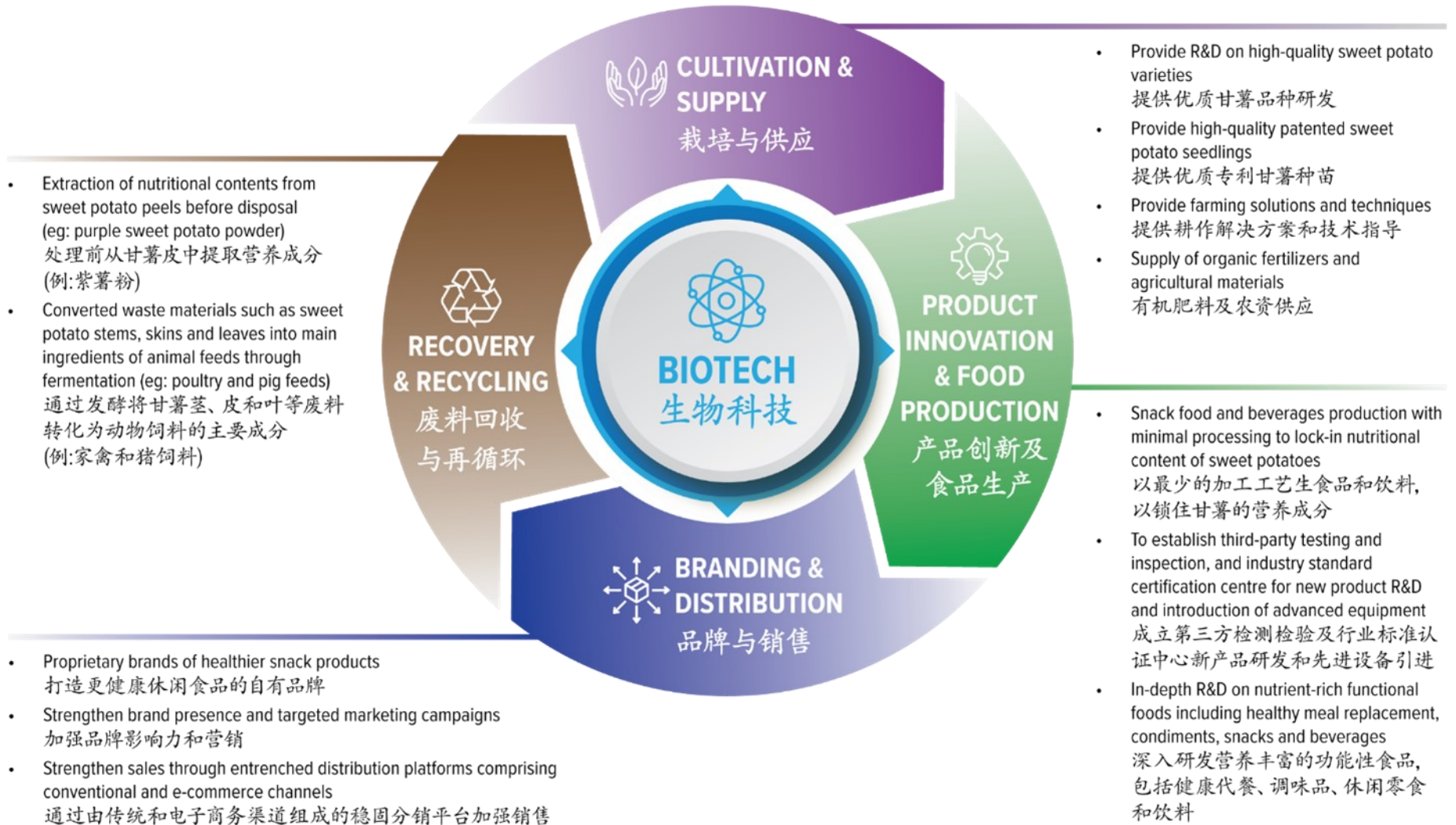
# An Overview of Zixin Group

## 紫心集团简介

- **Zixin Group is a leading sweet potato biotech-focused integrated circular economy industrial value chain operator in China**  
紫心集团是中国领先的以甘薯生物技术为核心的综合循环经济产业价值链运营商
- **Zixin Group harnesses biotechnology capabilities to strengthen and complement core business areas:**  
紫心集团利用生物技术能力来加强和辅助核心业务领域
  - **cultivation and supply**  
栽培与供应
  - **product innovation and food production**  
产品创新及食品生产
  - **brand building, marketing and distribution**  
品牌建设、营销和分销
  - **recovery and recycling**  
回收与再循环

# Integrated Circular Economy Business Model

## 循环经济综合业务模式





# Supporting Industries

## 配套产业

- The construction of the **first phase of cold storage warehouses and factory buildings for sweet potato waste materials recycling** initiated by the Liancheng County Government has been completed, in a bid to **drive sustainable growth for the agricultural industry** in Liancheng County, Fujian Province, China

由连城县政府启动的冷藏仓库和甘薯废料循环厂房的一期工程已竣工，以推动中国福建省连城县农业产业的可持续增长



- the cold storage warehouses will **potentially improve sales revenue as well as costs savings through the management of perishability and disposal**

冷藏库有可能提高销售收入，并通过易腐烂物品的管理和处理节约成本



- the **conversion of sweet potato waste materials into nutritional and cost-efficient base ingredients of animal feed, resolving concerns on waste disposal and pollution, as well as promoting sustainable growth for animal feed manufacturers**

将甘薯废料转化为营养丰富、成本低廉的动物饲料基础成分，解决废料处理和污染问题，并促进动物饲料生产商的可持续发展

# Strategic Investments

## 战略投资

- To date, Zixin Group's wholly-owned subsidiary, Fujian Zixin Biotechnological Potato Co., Ltd. ("Zixin Biotech"), has achieved the following milestones:

迄今为止，紫心集团的全资子公司福建紫心生物薯业有限公司（简称「紫心生物科技」）取得了以下里程碑：

- Together with CITIC Construction Co., Ltd., Huiteng Xile Tourism and Culture Co., Ltd. and Liao Ecological Technology Group Co., Ltd. (collectively, the "Joint Venture Partners") had on 6 April 2023, entered into official agreement with the Lǐngāo People's Government to commence work on the rural revitalization project in Lǐngāo County, Hainan Province.

与中信建设有限责任公司、内蒙古辉腾锡勒旅游文化股份有限公司和利奥生态科技集团有限公司（统称「合资伙伴」）一起，已于2023年4月6日与海南省临高县人民政府正式签订协议，启动海南省临高县乡村振兴项目。

- On 26 June 2023, Zixin Biotech incorporated a joint venture company, Hainan Xinwei Land Development Co., Ltd. with the Joint Venture Partners and invested RMB 3.6 million for a 3.0% stake.

2023年6月26日，紫心生物科技与合资伙伴成立了合资公司「海南省信维全域土地投资开发有限公司」，并投资360万元人民币获得3%的股权。

# Strategic Investments

## 战略投资

- On 29 June 2023 entered into a strategic collaboration agreement with the **Agricultural Genomics Institute at Shenzhen (“AGIS”)** which is a government-supported scientific research organisation held by the **Chinese Academy of Agricultural Sciences (“CAAS”)**

已于2023年6月29日与中国农业科学院深圳农业基因组研究所（简称「基因所」）达成战略合作协议

- ❖ Expansion into data and analytics to unlock valuable insights to enhance genomics of sweet potato varieties and cultivation solutions

向数据和分析领域拓展，以获得有价值的见解，从而提高甘薯品种基因组学和种植解决方案的水平

- Zixin Biotech executed the articles of association with regards to the formation of a joint venture company, **Shenzhen Zixin Provenance Biotechnology Co., Ltd**, which was incorporated on 12 July 2023 with **Fujian Good Villa Agroecological Technology Co., Ltd** and **AgSino China Digital Nutrition Technology (Shenzhen) Co., Ltd.**, and invested RMB 2.0 million for a 20.0% stake.

紫心生物科技与福建鼓龙农业生态科技有限公司和中农数字营养科技（深圳）有限公司于2023年7月12日签署了关于成立合资公司「深圳紫心种源生物科技有限公司」的公司章程，并出资200万元人民币，占20%的股份。

- ❖ To drive R&D in agroecological technology and digital agriculture to amalgamate the core biotech competencies on the genetic resources database, and transform science and technology into functional cultivation of seedlings and sweet potato crops

合资企业旨在推动农业生态技术和数字农业的研发，将核心生物技术能力整合到基因资源数据库中，并将科学技术转化为种苗和甘薯作物的功能性栽培。

# Strategic Investments

## 战略投资

- On 19 July 2023, Zixin Biotech entered into a **strategic collaboration agreement with the People's Government of Lánkǎo County, Hénán Province for a rural revitalisation initiative in Lánkǎo County, Kāifēng City, Hénán Province to drive economic developments and enhance the level of agricultural modernisation**

紫心生物科技与河南省兰考县人民政府签订战略合作协议，在河南省开封市兰考县实施乡村振兴计划，以推动经济发展，提高农业现代化水平

- ❖ Zixin Group possesses a replicable template for the construction of its integrated circular economy business model, focusing on technological escalation for each business areas to improve quality, technology enhancement, productivity and generate accretive economic value across the industrial value chain sustainably for the long term

紫心集团在构建循环经济一体化商业模式方面拥有可复制的模板，专注于各业务领域的技术升级，以提高质量、技术提升和生产力，并在整个产业价值链中长期可持续地产生经济增值。

# Pressing Concerns

## 迫切的问题





# Industry Trends

## 行业的发展趋势

- **2023 China Agriculture and Rural Development Trend Report: Accelerate the construction of an agricultural power**

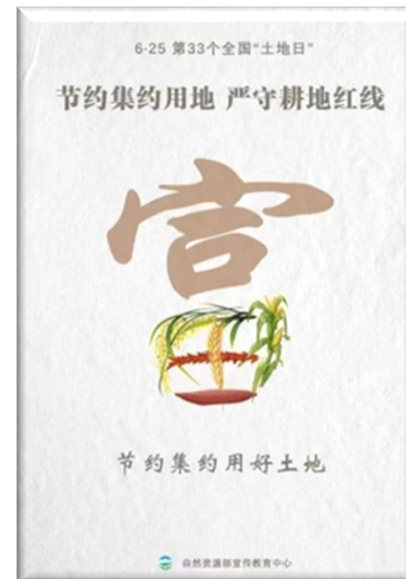
2023中国农业农村发展趋势报告：加快建设农业强国

- **China's 14<sup>th</sup> Five-Year Plan emphasised on food security** and is determined to **expand agricultural sector to safeguard against the declining global food supply and high food prices** in the international markets

中国的第十四个五年计划强调了粮食安全，并决心扩大农业，以应对全球粮食供应下降和国际市场粮价高企的局面

(source: *International Poverty Reduction Center in China*  
<https://www.iprcc.org.cn/article/4BdUtWxl32D>)

- ❖ **Sweet potato is one of the key staples in China**  
甘薯是中国的主要主食之一



# Industry Trends

## 行业的发展趋势

- **China's agriculture ministry issued a three-year action plan in April 2023 aimed at reducing the use of soymeal in animal feed to reduce its heavy reliance on soybean imports**

中国农业部于2023年4月发布了一项为期三年的行动计划，旨在减少动物饲料中的豆粕用量，从而降低对大豆进口的严重依赖

- new plan proposes that the **soymeal ratio in animal feed** should be reduced to **less than 13% by 2025**, from 14.5% in 2022

新计划提出，到2025年，动物饲料中的豆粕比例应从2022年的14.5%降至13%以下

- China **buys more than 60% of the world's traded soybeans**, well over 90 million tonnes a year, largely from the United States and Brazil. It is **estimated that soybean imports may reach 95 million tonnes in 2023**

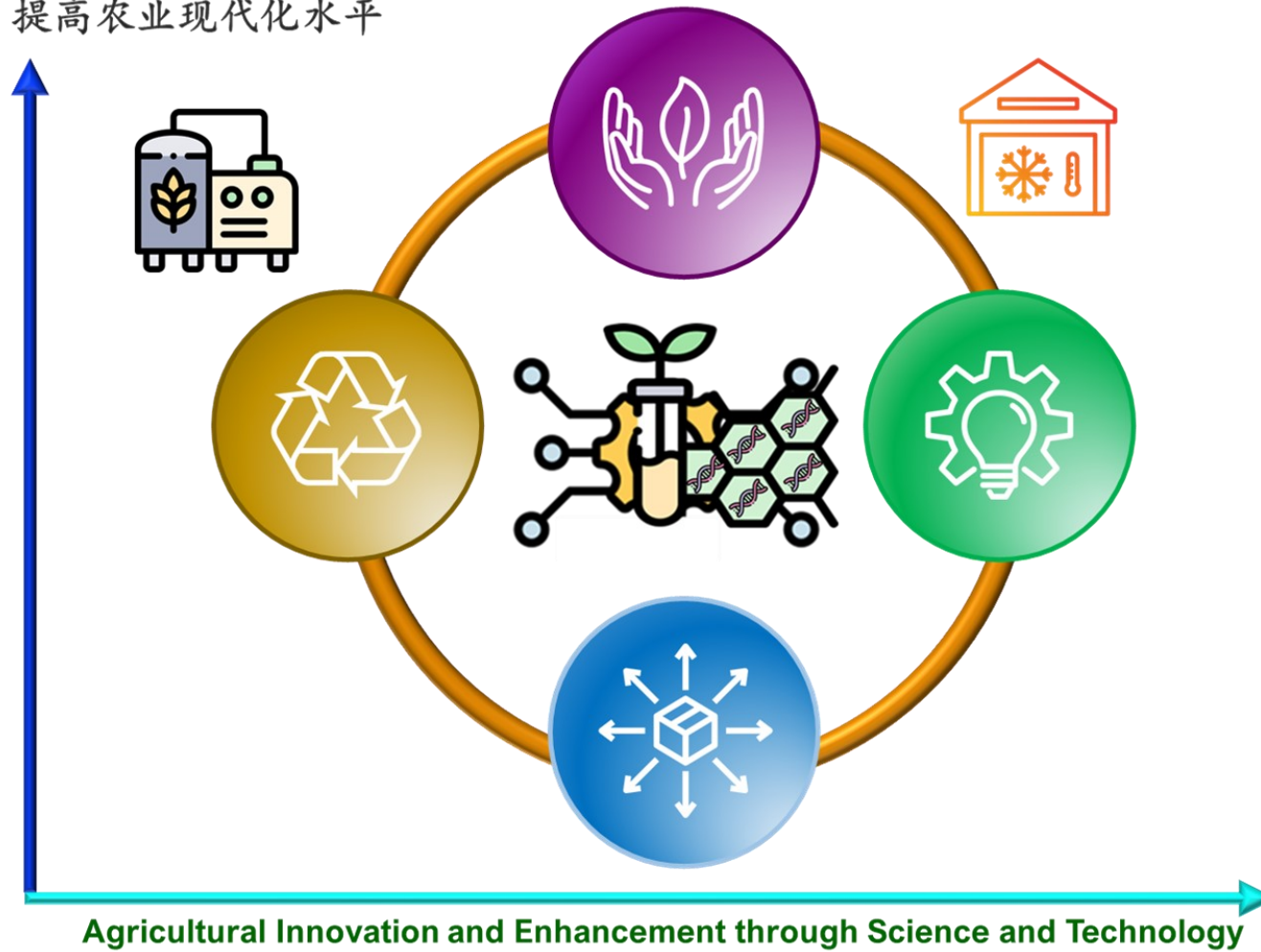
中国每年购买的大豆占全球贸易量的60%以上，远远超过9000万吨，主要来自美国和巴西。据估计，2023年的大豆进口量可能达到9500万吨

(source: <https://www.reuters.com/world/china/food-security-drives-china-cut-soymeal-use-animal-feed-2023-04-14/>)

# Replicable Template

## 可复制的模板

Drives Economic Developments and Raises  
Level of Agricultural Modernisation  
推动经济发展，提高农业现代化水平



Agricultural Innovation and Enhancement through Science and Technology

通过科技实现农业创新与发展

# Growth Prospects

## 增长展望

1

**Expect to return to profitability for the financial year ending 31 March 2024**

预计截至2024年3月31日的财政年恢复盈利

2

**Supporting industries to bolster growth potential and broaden earnings**

配套产业将增强增长潜力和扩大收益

3

**Replicate the Group's integrated circular economy industrial value chain with supporting industries in the rural revitalisation projects to enhance economies of scale**

复制集团的综合循环经济产业价值链，与乡村振兴项目的配套产业相结合，以增强规模经济



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