

# Taiwan Tea Corp. 2022

QIC Taiwan CEO Week

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# Executive Summary



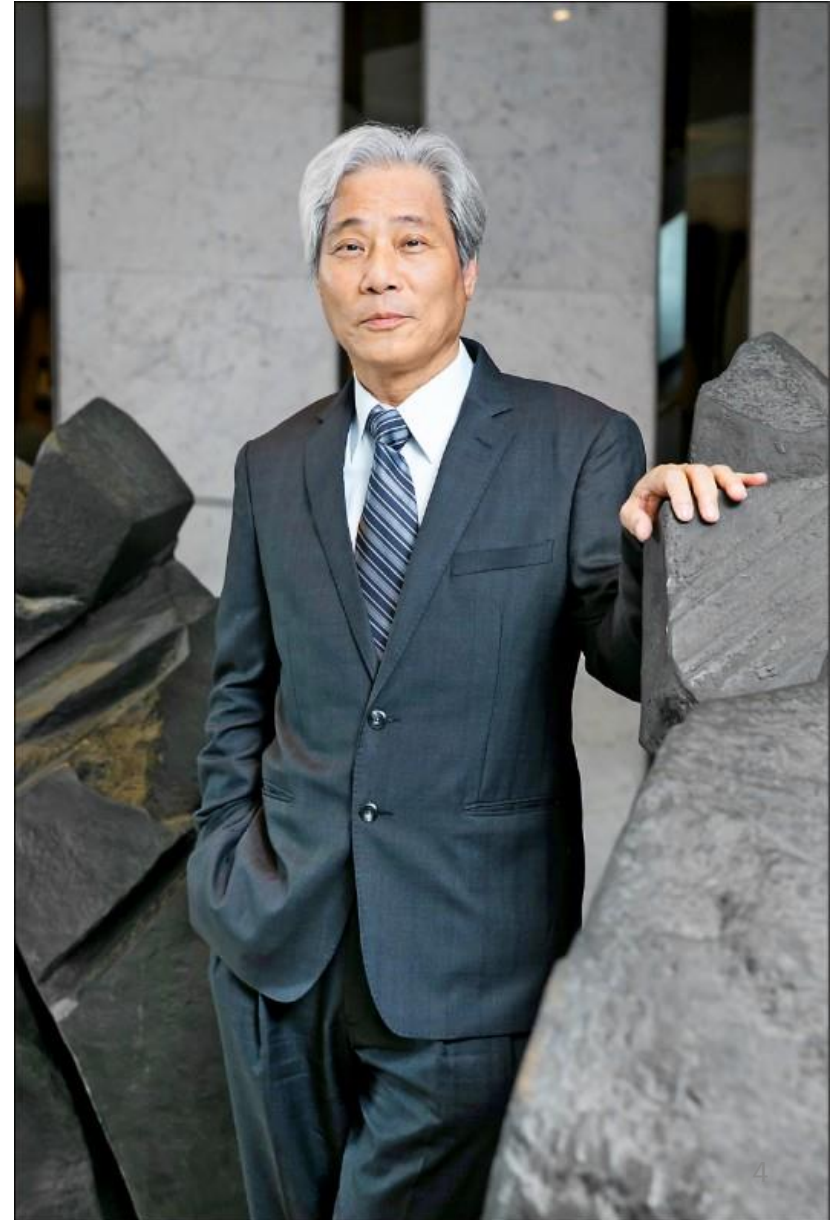
- Established in 1950, Taiwan Tea (2913 TT) is dedicated in three major business lines: 1) Tea cultivation, tea leaf and tea product manufacturing and marketing; 2) Agriculture tourism; and 3) Land development
- TTC is the 2<sup>nd</sup> largest landowner in Taiwan with land asset of 3,747 ha, current market cap is US\$ 540 mn (2022/4/11). 2021/3M2022 revenue was NT\$ 369mn/ 97mn
- In 2019, Mr. Wu, Ching-yuan was elected as the Chairman of Taiwan Tea. Chairman Wu committed to focus on core business, and pledged to boost the tea leaf manufacturing and shipment to turn around the business.
- Taiwan Tea also leverage its tea garden and tea culture to develop tourism business. At the same time, the management team actively review its own land assets for further development and collaboration, to create sustainable revenue and profit.

# Strong Leadership

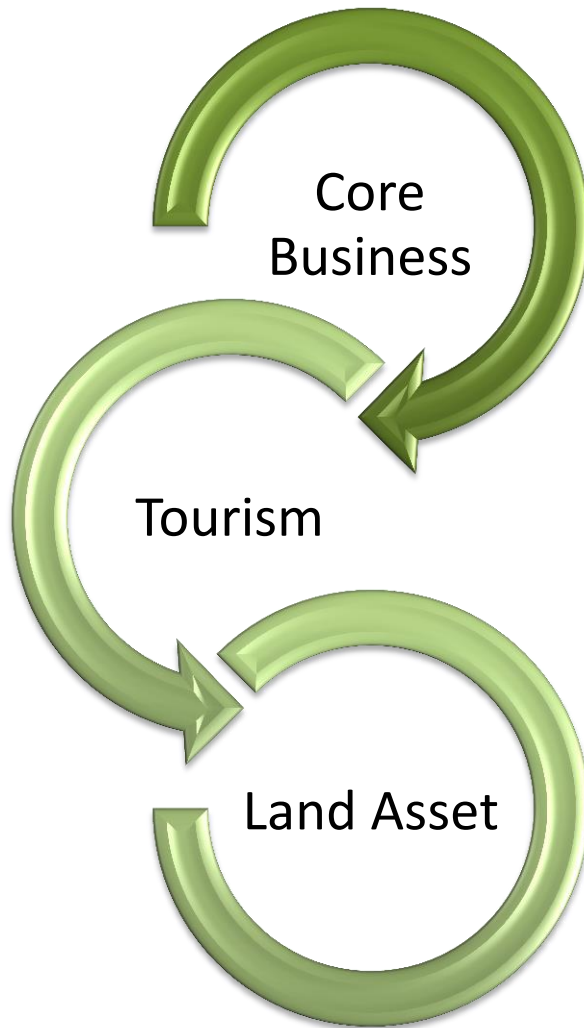


## Chairman: Wu, Ching-Yuan

- Chairman Wu graduated from National Taipei University of Technology and hold the associate degree in Mechanical engineering · he also holds a Masters degree in architecture & Urban Planning from Chung Hua University.
- Mr. Wu was elected to be the Chairman in 2019
- Chairman Wu introduced successful experience of Sanyang Motor and up to date industrial technology, to accelerated the development of the largest plantation: Laupi tea garden, and completed the entire 452 ha plantation. Meanwhile, Chairman Wu actively reviewed the land asset for proper utilization.
- Under his leadership, Taiwan Tea's revenue has grown 4.3% in 2020 and the net loss has been shrunk from \$0.18 per share in 2019 to \$0.02 in 2020. Under COVID pandemic, 2021 revenue still up 18% YoY.



# TTC's Way to Success



- Maintain and strengthen TTC's leading position in the tea market in Taiwan, and achieve sustainably profitable.
  - Taiwan Tea's tea leaf production will quadruple and reach 3,000 tons/ year by 2025.
- 
- Leveraging tea plantations and land in the beautiful mountainous areas with great potential for tourism and leisure, and become a solid second revenue and profit stream.
- 
- The land capital of Taiwan Tea should be utilized properly. With continuous revitalization and reinvestment, to maximize the value of the land.

# Tea Production



# Tea Garden & Factories

## 復興茶廠、大溪老茶廠

### DAXI TEA FACTORY

Area: 3.4 ha

Cultivars : Green tea & black tea



## 三義茶廠、銅鑼茶廠

### SANYI、TONGLUO TEA FACTORY

Area: 16 ha

Cultivars : Oriental Beauty Tea



## 精製廠、老埤農場

### LAUPI TEA FARM

Area: 717 ha

(Tea Garden Approx. 452ha)

Cultivars: TTES No. 8, No. 2, No. 17, No. 18, Chin-Shin Da Pan and Shi-Ji-Chun (Four Season)



## 熊空茶廠、大寮茶文館

### XIONGKONG TEA GARDEN

Area: 5.423 ha

Cultivars : Organic Green Tea, black tea and Oolong Tea



## 魚池茶廠、日月老茶廠

### ANTIQUE ASSAM TEA FARM

Area: 20 ha

Cultivars : TTES No. 8、No. 18、No. 21



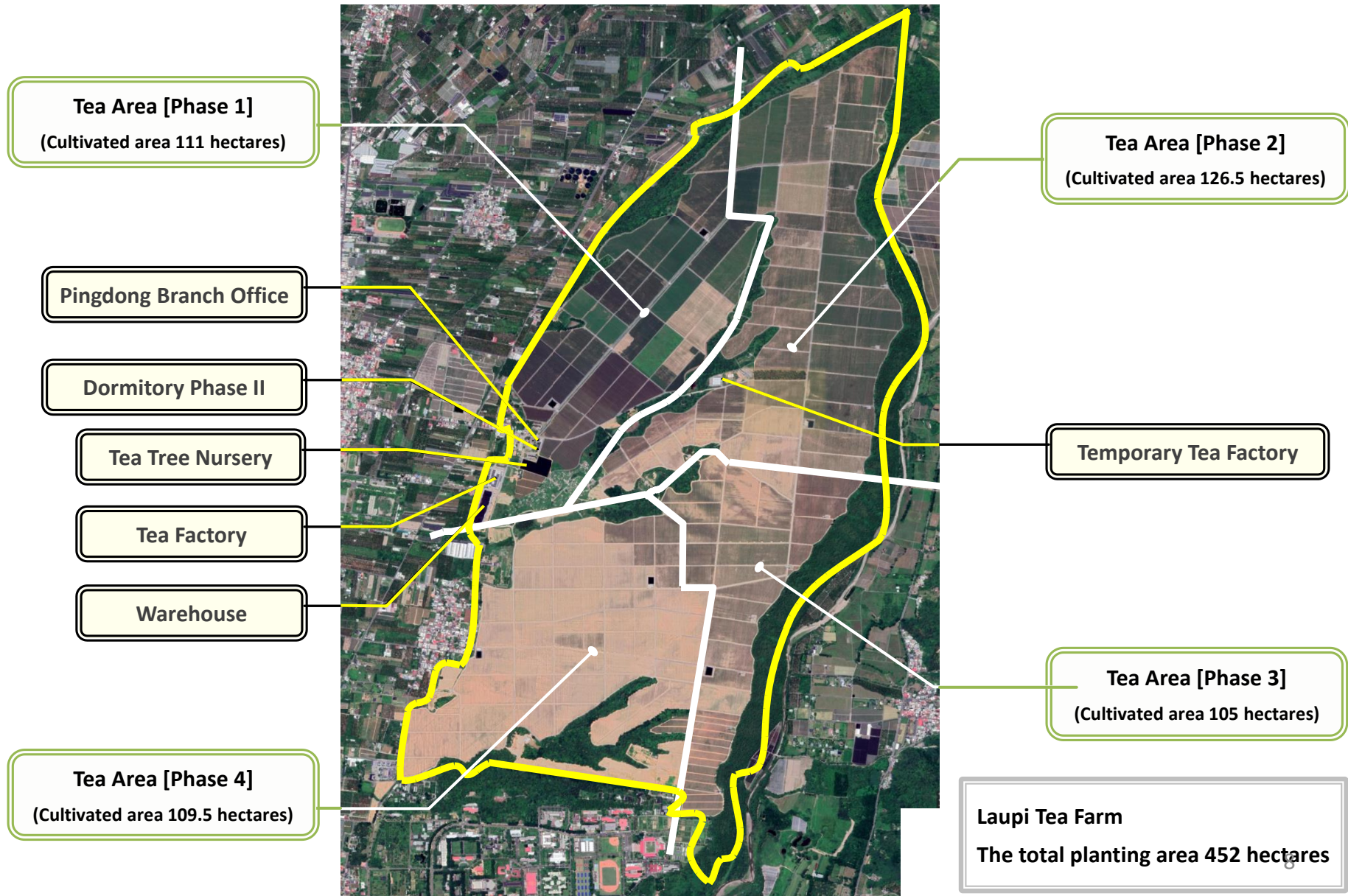
## 鹿篙咖啡莊園

### LUGAO COFFEE GARDEN

Coffee Garden field: 13 ha

Local specialty : Sun Moon Lake Coffee

# Business Highlight-Laupi Tea Farm



# First Smart Tea Garden in Taiwan



## Micro-weather management

We set up 6 micro-weather station and soil moisture sensor to monitor the parameters of plant growth, to analyze the best condition for cultivation.

## Precision irrigation

Applying precision irrigation technology developed by Netafim. With 14,000 drip holes per hectare covering over 94% of planting area, we managed to save 70% of irrigation water and 50% of fertilizer.

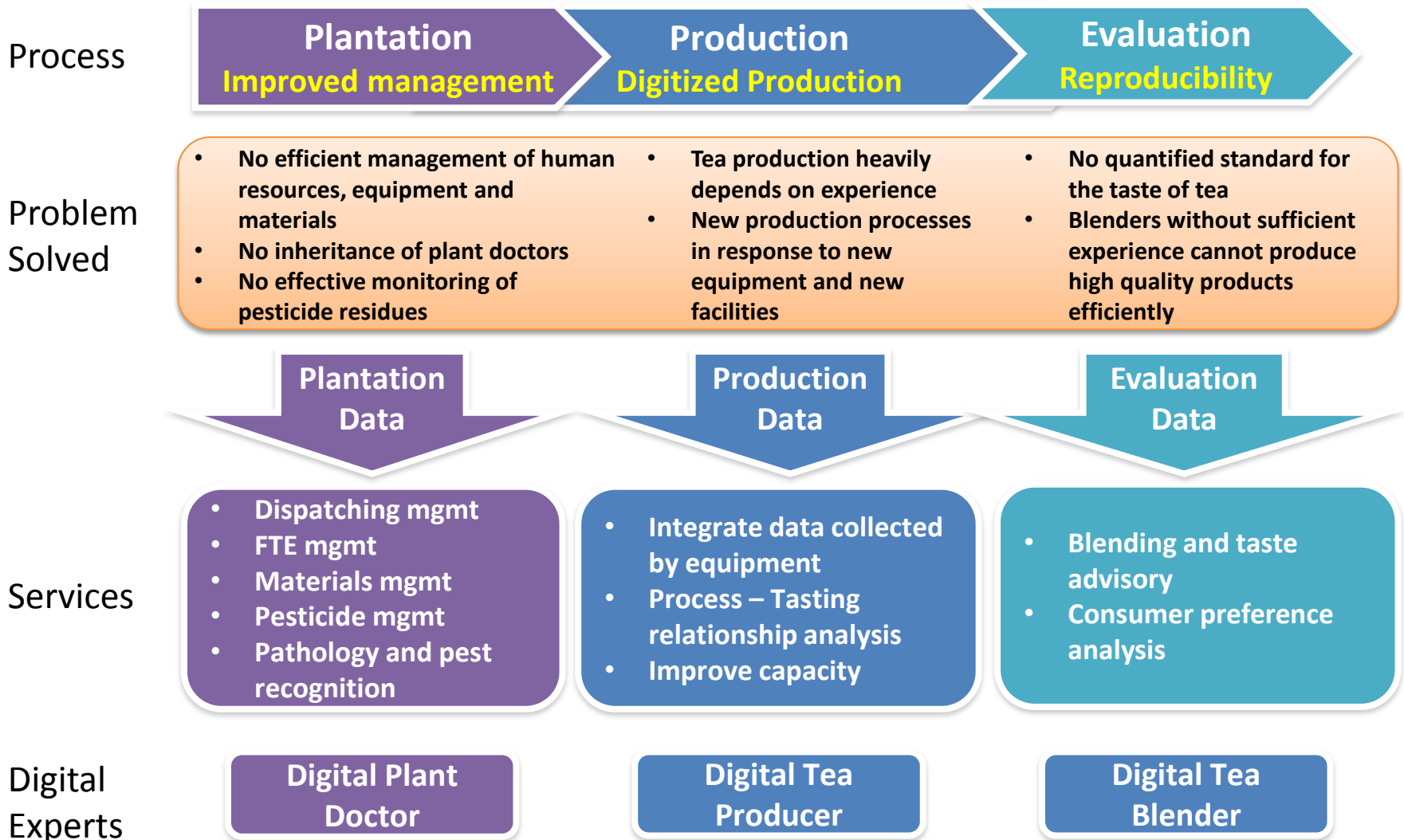
## Big data management

We applied 3 platforms to collect big data: 1) Smart Agri-management Platform(SAMP) for product traceability; 2) Dispatching App to monitor productivity of each production unit; and 3) Plant doctor App to monitor the entire process of cultivation.

## Organic and High Quality

We started our organic plantation in 2003. TTC pledged to produce our tea leaf at the highest safety and highest quality standard. We also use biodegradable bioplastic for our product packaging.

# Digitized Inheritance of Hundred-Year Experience



# Mechanized Tea Plantation

Plantation



Prune & harvest



Pest & pathogen control



# Laupi Tea Farm Facilities

## Precision Irrigation



## Tea Tree Nursery



## Micro-weather Station



## Reservoir, Pump & Drip Pipe



| ← 測量記錄              |           |            |         |      |  |
|---------------------|-----------|------------|---------|------|--|
| 2016/01/28          |           |            |         |      |  |
| 02:14:58 - 02:15:58 | 25.12695  | 121.532387 | 已傳送     |      |  |
|                     | 25.79     | 52.01      | 1019.07 | 0.00 |  |
| 2016/01/28          |           |            |         |      |  |
| 01:51:14 - 01:51:18 | 25.126901 | 121.532393 | 已傳送     |      |  |
|                     | 26.01     | 52.52      | 1019.41 | 6.06 |  |
| 2016/01/28          |           |            |         |      |  |
| 01:48:18 - 01:49:18 | 25.126882 | 121.532423 | 已傳送     |      |  |
|                     | 25.32     | 53.87      | 1019.46 | 1.17 |  |



## Plant - Stock Circulation System



# Laupi Tea Farm Facilities



Laupi Tea Factory



Laupi Warehouse



Laupi Tea Farm Dormitory Phase II



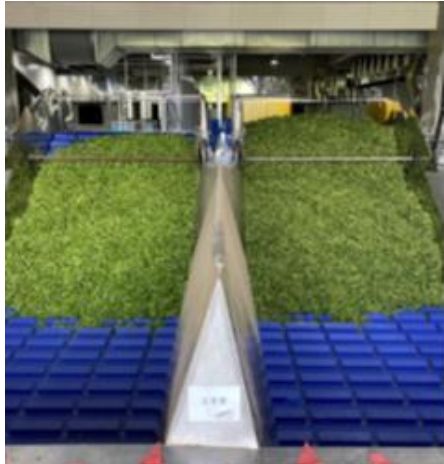
Pingdong Branch Office/  
Laupi Tea Farm



# Automated Production Line



Laupi Tea Farm's daily production volume is 100-150 tons of tea leaves. To maintain the high quality of tea product, we introduced multiple production processes including fully-automated solar withering, indoor withering, pan-firing, rolling, fermentation, drying and refining.



**Gathering Tea Leaves** ->



**Withering** ->



**Rolling -> Dicing** ->



**Fermenting**



-> **Drying** -> **Grinding** -> **4 stage fine screening** -> **Winnowing** 、 **Color Sorting** -> **Blending** -> **Q.C** -> **Storage**

# Food Safety Self-Management

To improve the monitor of food safety, our farm and production facility introduced:

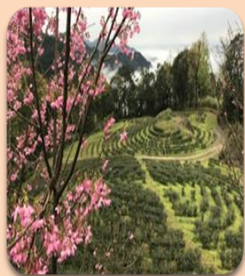
1. Traceability System
2. FSSC 22000 HACCP
3. Strict batch-by-batch SGS examine



# Tourist Farm



# Recreational Business Highlights



**XIONGKON  
GTEA  
GARDEN**  
165.8 ha



**DALIAO  
HISTORICAL  
HOUSE**  
2.7 ha



**DAXI TEA  
FACTORY**  
9.8 ha



**TONGLUO  
TEA  
FACTORY**  
15.9 ha



**ANTIQUÉ  
ASSAM TEA  
FARM**  
3.7 ha



**LUGAO  
COFFEE  
GARDEN**  
7.8 ha

| Recreation Operating revenue<br>(Unit:NT\$Thousand) | 2021   | 2020   | 2019   |
|-----------------------------------------------------|--------|--------|--------|
| Xiongkong Tea Garden                                | 12,277 | 17,852 | 10,294 |
| Daliao Historical House                             | 1,729  | 2,806  | 2,624  |
| Daxi Tea Factory                                    | 22,474 | 34,926 | 34,414 |
| Tongluo Tea Factory                                 | 14,226 | 18,465 | 15,021 |
| Antique Tea Factory                                 | 54,709 | 58,237 | 67,628 |
| Lugao Coffee Garden                                 | 25,406 | 31,074 | 7,575  |

# Leisure Business Outlook



## To develop tea farm leisure industry

- Establish new leisure farms in line with current business operation
- By applying for leisure farm operating permit to speed up transformation for current farm facilities
- Consolidate the newly approved leisure farm into the TTC leisure franchise

### Leisure Industry

#### New Leisure Farm / Pasture

Xiongong second leisure farm  
( camping area )

Daxi leisure farm

Shuitou farm  
( pasture )

#### Farm Transformation

Miaoli Tongluo leisure farm expansion

Turn Lugao coffee garden to  
Lugao leisure farm

#### Leisure Farm Registered and Operated

Xiongong leisure farm

Shihmen leisure farm

#### Building License Permitted

Xiongong tea factory

Zhuwei agricultural facility

# Leisure Business Strategy

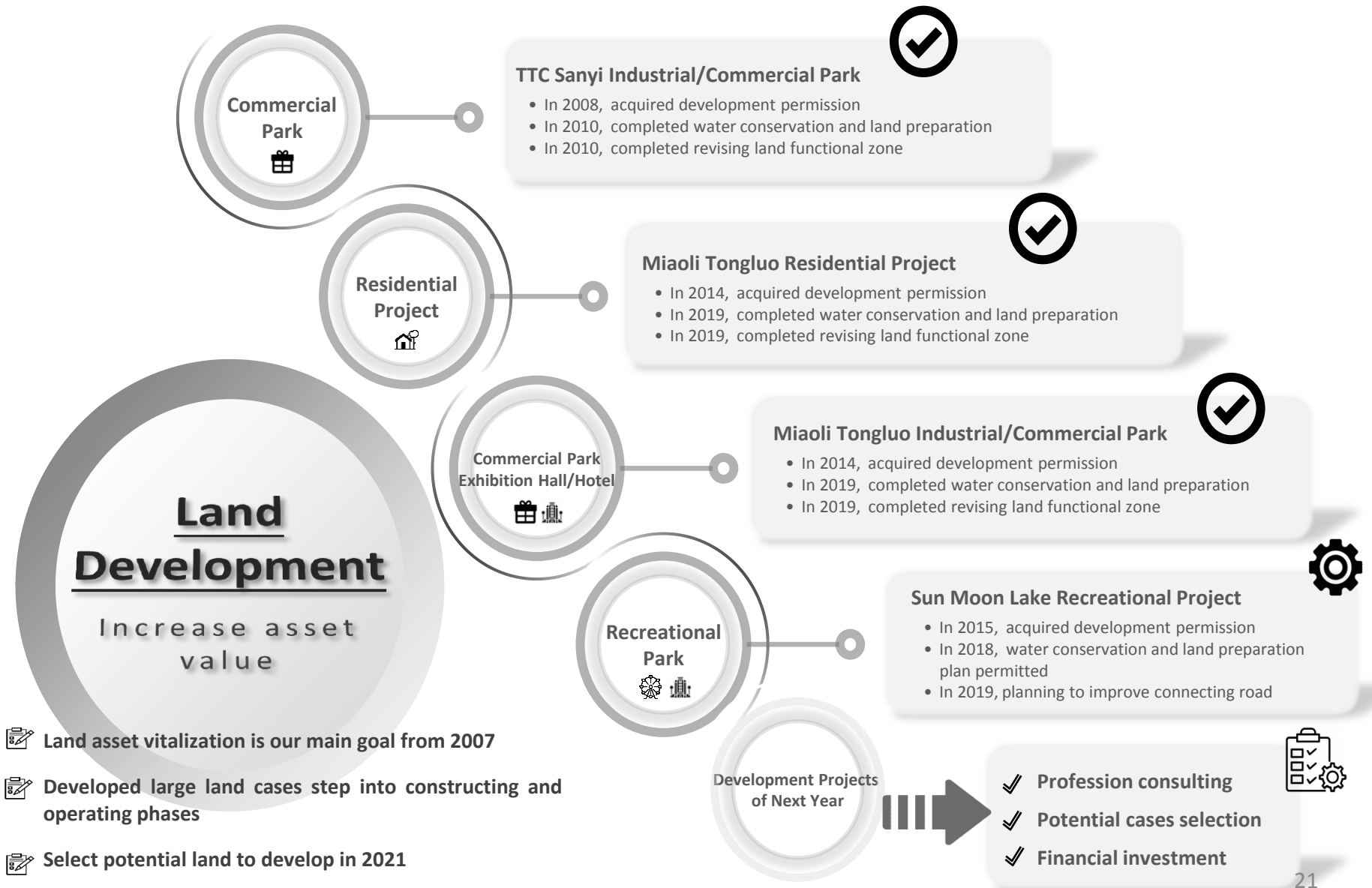


- Our leisure farms produce tea leaves with local terroir, and sold in our leisure farm gift shop and online platform.
- Cross alliance with hotels and tourism suppliers to roll out our tea leaves gift box and package deals for their clients to travel to our leisure farm, to increase the visits and sales.
- Actively attended a wide range of tea leaf competition to improve brand image, raise ASP and elevate sales.
- We actively establish new leisure farm. And also improve the facility of the existing spots to increase visits and sales: 1) growing cherry blossoms and golden larch; 2) host tourism activities which are including picnic/ camping/ DIY experience and cultural tour; and 3) increase the seats on the observation platform and inside the tea factory.
- Continue to control farming cost, leverage efficient management in response to the uncertainty caused by extreme weather, pathogen and pest.

# Land Development



# Land Development - Selected cases



# Land Development strategy



## To increase asset value

- Land asset revitalization is our priority, we continue to review our land asset and evaluate potential profit
- Initiate promising development projects in accordance with government's land policy
- Collaborate with financial partners for the projects completed changing of land category
- Review developable land, and propose to be ruled out from hillside restricted zone

## Land Development Cases

### Completed Projects

→ Investment promotion

TTC Sanyi  
Industrial / Commercial  
Park

Miaoli Tongluo  
Industrial / Commercial Park

Miaoli Tongluo  
Residential  
Project

### New Projects

→ Official review process

Miaoli Tongluo  
Industrial Park

Miaoli Tongluo  
Recreational Park

### Reassess Project

→ After Land Act enforcement

Sun Moon Lake  
Recreational Project

### Hillside zone revised

→ Zone plan proposed

Laupi Tea Farm  
Hillside zone revised



# Environmental, Social, Governance Highlights

# ESG: Resource Protection & Reduction



- ☂ 6 micro weather stations
- ▼ 70% reduction in water usage
- ▼ 50% reduction in fertilizer usage
- 💧 Water storage facilities to reduce groundwater extraction during drought conditions



- 🌲 475 hectares of afforestation
- 🌲 Protection of old-growth forest
- 🦌 20+ endemic animals sighted on company properties



- ☀ 538 kW of rooftop solar
- ⚡ 688 MWh of electricity production annually
- ▼ NT\$180k per annum electricity reduction by LED light replacements
- 🔥 High efficiency gas boiler upgrade



- ♻ Since 2014, most tea bags, threads, & labels are made from biodegradable materials at a higher cost

# Global Recognition on ESG Performance



13.5 Low Risk



Sustainalytics  
Score



13.5 Sustainalytics score



Ranked 2<sup>nd</sup> out of 181 in industry by Sustainalytics



International  
Certification



ISO22000 & HACCP International food safety certification



Requires TQF, HACCP, ISO, BRC, FSC certification from supplier



Quality  
Assurance



Passed 473 pesticide residue inspection



Certified organic products



99.2% of products passed SGS inspection



Diversity &  
Equality



53% male, 47% female workforce



1:1.2 female to male pay ratio at the supervisor level



1:1.02 female to male pay ratio at non-supervisor level



Sustainability  
Funds



Inclusion in DFA Emerging Markets Social Core Equity Portfolio



Inclusion in DFA Emerging Markets Sustainability Core 1 Portfolio

# Financials



# Historical Cash Dividend 2013-21



| NT\$ mn                       | 2014      | 2015      | 2016      | 2017       | 2018      | 2019   | 2020   | 2021     |
|-------------------------------|-----------|-----------|-----------|------------|-----------|--------|--------|----------|
| Net Income                    | \$833     | \$760     | \$310     | \$622      | \$-42     | \$-146 | \$-17  | \$-1,122 |
| Cash Dividend                 | \$475     | \$385     | \$385     | \$385      | \$237     | \$0    | \$0    | \$0      |
| DPS (NT\$/share)              | \$0.61    | \$0.50    | \$0.50    | \$0.49     | \$0.30    | \$0.00 | \$0.00 | \$0.00   |
| Cash Yield (%) <sup>(1)</sup> | 4.0%      | 3.2%      | 3.0%      | 2.8%       | 1.9%      | 0.0%   | 0.0%   | 0.0%     |
| Payout Ratio (%)              | 53%       | 50%       | 124%      | 61%        | -         | 0%     | 0%     | 0%       |
| Ex-div Date                   | 2015/7/17 | 2016/7/21 | 2017/8/25 | 2018/11/28 | 2019/8/23 | -      | -      | -        |

Source:TEJ, Capital IQ

Note 1 : Stock price based on closing price the day before Ex-div date

# 5-year Income Statement



| NT\$ Million         | 2016 | 2017  | 2018  | 2019  | 2020  | 2021   | YoY (%) |       |         |      |      |      |
|----------------------|------|-------|-------|-------|-------|--------|---------|-------|---------|------|------|------|
|                      |      |       |       |       |       |        | 2016    | 2017  | 2018    | 2019 | 2020 | 2021 |
| Sales Revenue        | 611  | 2,252 | 254   | 299   | 312   | 369    | (34.8)  | 268.7 | (88.7)  | 17.6 | 4.3  | 18   |
| Gross Profit         | 275  | 740   | 116   | 121   | 125   | 118    | (31.1)  | 168.9 | (84.4)  | 4.5  | 3.1  | -5.6 |
| Operating Profit     | -38  | 386   | -173  | -169  | -148  | -182   | (152.0) | -     | (144.8) | -    | -    | -    |
| Income before Tax    | 306  | 605   | -54   | -173  | -33   | -1,135 | (57.8)  | 97.6  | (108.9) | -    | -    | -    |
| Net Income to Parent | 310  | 622   | -42   | -146  | -17   | -1,122 | (59.2)  | 100.6 | (106.7) | -    | -    | -    |
| EPS (NT\$)           | 0.40 | 0.81  | -0.05 | -0.18 | -0.02 | -1.42  | (60.1)  | 100.6 | (106.6) | -    | -    | -    |

| Key Financial ratio (%) |       |      |        |        |        |         |
|-------------------------|-------|------|--------|--------|--------|---------|
| Gross Margin            | 45.1  | 32.9 | 45.5   | 40.4   | 40.0   | 32.0    |
| Operating Margin        | (6.3) | 17.1 | (67.9) | (56.5) | (47.3) | (156.6) |
| Opex ratio              | 51.3  | 15.7 | 113.4  | 96.9   | 87.3   | 81.3    |
| Net Margin              | 50.8  | 27.6 | (16.5) | (48.8) | (5.6)  | (404)   |

# 5-year Balance Sheet



| NT\$ Million             | 2016          | 2017          | 2018          | 2019          | 2020          | 2021          | YoY (%)       |               |              |              |            |              |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|------------|--------------|
|                          |               |               |               |               |               |               | 2016          | 2017          | 2018         | 2019         | 2020       | 2021         |
| <b>TOTAL ASSETS</b>      | <b>24,372</b> | <b>23,619</b> | <b>24,356</b> | <b>24,596</b> | <b>25,098</b> | <b>24,249</b> | <b>(5.3)</b>  | <b>(3.1)</b>  | <b>3.1</b>   | <b>1.0</b>   | <b>2.0</b> | <b>(3.4)</b> |
| Cash                     | 78            | 198           | 186           | 125           | 176           | 215           | (53.2)        | 153.1         | (5.9)        | (32.6)       | 40.5       | 22.2         |
| NR & AR                  | 39            | 21            | 15            | 19            | 18            | 38            | (72.5)        | (46.0)        | (26.4)       | 19.9         | (5.5)      | 111.1        |
| Inventory                | 2,034         | 791           | 823           | 885           | 895           | 902           | 1.6           | (61.1)        | 4.0          | 7.6          | 1.2        | 0.8          |
| Fixed Asset              | 3,721         | 4,272         | 6,017         | 6,092         | 6,504         | 6,693         | 321.3         | 14.8          | 40.8         | 1.2          | 6.8        | 2.9          |
| <b>TOTAL LIABILITIES</b> | <b>8,314</b>  | <b>7,333</b>  | <b>8,204</b>  | <b>8,832</b>  | <b>9,306</b>  | <b>9,572</b>  | <b>(13.4)</b> | <b>(11.8)</b> | <b>11.9</b>  | <b>7.7</b>   | <b>5.4</b> | <b>2.9</b>   |
| Bank Loans               | 3,861         | 3,351         | 4,640         | 5,396         | 5,923         | 6,253         | (27.9)        | (13.2)        | 38.5         | 16.3         | 9.8        | 5.6          |
| NP & AP                  | 884           | 441           | 18            | 13            | 16            | 37            | 1841.5        | (50.1)        | (95.8)       | (28.2)       | 19.6       | 131.3        |
| <b>TOTAL EQUITY</b>      | <b>16,058</b> | <b>16,286</b> | <b>16,152</b> | <b>15,764</b> | <b>15,792</b> | <b>14,678</b> | <b>(0.5)</b>  | <b>1.4</b>    | <b>(0.8)</b> | <b>(2.4)</b> | <b>0.2</b> | <b>7.1</b>   |

|                         |         |       |         |         |         |       |
|-------------------------|---------|-------|---------|---------|---------|-------|
| A/R turnover days       | 53.8    | 4.9   | 26.2    | 20.7    | 21.1    | 26.7  |
| Inventory turnover days | 2,195.6 | 341.1 | 2,124.9 | 1,749.5 | 1,736.3 | 1,304 |
| A/P turnover days       | 505.3   | 159.9 | 604.4   | 32.4    | 28.3    | 53.0  |
| ROE (%)                 | 1.9     | 3.8   | (0.3)   | (0.9)   | (0.1)   | (7.6) |
| ROA (%)                 | 1.2     | 2.6   | (0.2)   | (0.6)   | (0.1)   | (4.6) |

# Q & A



*Thank you.*

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