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General Manager K.K.ORCHARD

Advanced Master of Business Administration in National Cheng Kung University

Leadership Experience

- Apply technology to entire process supply chain
 - include a rating system and optimize packing, processing, and storage process
 - business mode integrate "production and sales"
- Develop the farm enterprise system
 - optimize yields by combining traditional, technological, and scientific techniques
 - contract farming area from 333 hectares to 1,000 hectares

We have the largest sweet potato production.

Contribute to the influence of the social state

- Improve the aging problem in agricultural village
 - make breakthrough innovations to help senior farmers regain passion
 - attract youth return and learn to farm
 - the number of contract farmers increased from 200 in 2011 to more than 1,000 in 2021







Chronology of Events





1983

Yi Tai Agricultural Products Shop 1991

Founding of marketing and Founding of k processing departments of europe sweet potato

1992

Founding of K.K.ORCHARD Successfully d e product "Froze Rotato" and e

Successfully developed patented 3rd product "Frozen Baked Sweet cor Potato", and exported it to Japan.

nted 3rd generation of K.K.ORCHARD corporate identity

瓜瓜園

2016



2020

Founding of K.K.ORCHARD Headquarter

Delivery to Your Table

2001



TAGERT : Partners of customer product development (sweet potatoes)





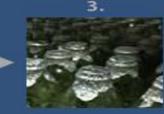
From Farm to your Table- 16 Levels



Grow Healthy Sprouts



Stem Cultivation



Species Preservation



Plug Tray Plantation



Cultivation at High Elevation



6.



7.

Farm Acclimation



Seedling Cultivation



Soil & Land **Preparation**





Seedlings

Transplant the

10.



Flip Vines and Weed the Farm



Trim Vines



Greenhouse

Cultivation

Harvest



Sort and Classify



Sort and Wash



Packing and Delivery





Challenges

(Agricultural product supply chain)

• Climate change

Unstable weather causes large changes in profit.

• Aging population

The culture attached much attention to industry and business instead of to agriculture. In Taiwan, the agricultural labor force is aging, their average age is 64.

Decrease of cultivated land

Rapid industrialization leads to the serious agricultural lands fragmentation. The cultivated land has been drastically reduced that each farmer only has 0.4 hectare cultivated land in Taiwan.





Challenges

(Digitization of the agricultural supply chain)

- Behavioral change
- Environmental conditions
- Huge system construction cost









Digital Supply Chain Blueprint

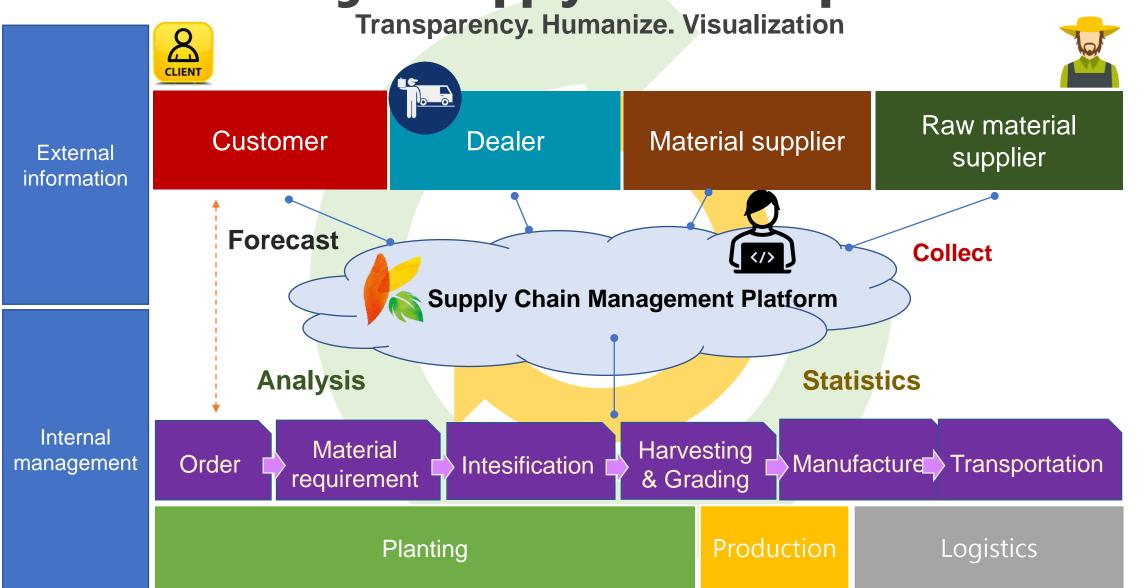


Before

After



Digital Supply Chain Blueprint

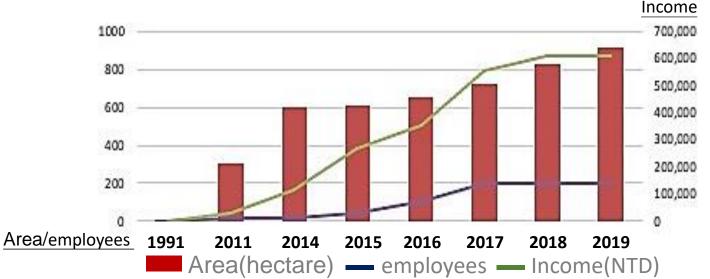




Digital Supply Chain Effectiveness

In 2019, we've

- Worked over 800 hectare with 712 Contract Farmers with K.K.ORCHARD Brand
- Harvested 30,000 ton Fresh Sweet Potato
- Sorted 300 ton/day
- 5,000 ton Fresh Sweet Potato
- 5,000 ton Frozen Baked Sweet Potato
- 2,000 ton Frozen Fries
- 1,000 ton other Processed Food











After COVID-19 Online shopping drives niche markets

More transparency in Supply Chain





Product diversification



K.K.ORCHARD ESG- Sweet potato circular economy









SDGS

for agri-business

Still Building Digital Supply Chain makes

- Various professionals enter agriculture
- Supply chain co-prosperity
- Maximize resource utilization

