

Bio Fruit Coop

Mekong Delta farmers' Cooperative

Vietnam Case Study with Chris Catto-Smith Freshport (Asia)

Combining High Quality agricultural inputs with International cold chain logistics allows high quality products to reach destination markets and directly support extremely low-income farmers.

On behalf of the farmers of the Bio Fruit Cooperative Vietnam and Freshport we would like to thank the awards committees of both Cool Logistics Global and AI Business Concept for recognizing the efforts & partner support resulting in these two prestigious awards. We appreciate sharing that story with you...... we would also be most pleased to share our product









A community-based farmers' cooperative with more than 300 members which grant us access to year-round production of tropical fruits. 30% growth YoY



A great local management team with over 10 years experience in end-to-end fresh produce supply chain with expertise in agronomy, post harvest, processing, shipping, quality standards and marketing.

A unique network in fresh produce industry in Vietnam which allows us to cover wide range of product sourcing and expertise to serve both local and export markets.

Best Practice post harvest cooling, packhouse handling and in transit temperature control to ensure highest product quality and maximized shelf life.



BioFruitCoop' ambition is to **connect low income farmers to international market.**

It is a Cooperative set up to bring significative mutual benefits:

- Building local expertise and profits
- Give farmers access to expert advisory on quality standards while improve farm production practices.
- Cooperative advisory & management team put in place approach to grow better products generating better yield.
- Highly efficient payment gateway / minimize middleman.
- We Reward Quality and Sustainability.
- Open access to Fresh produce network: sourcing capability and supporting industries (packaging, input, lab...)
- Promotion and marketing of fresh produce
- > Promote End to end value chain. (Post harvest & marketing
- Partner local & export customers to promote Vietnam Fresh
- Innovation initiatives such as eco packaging development



BioFruitCoop target to have mixed revenue on an equal share basis **from local and export markets**.



The development strategy would focus on matching produce supply and demand where the most value added can be generated for a win win cooperation between buyer and seller.

Cooperative farmers would supply at least 50% of the produce sourced with an **agreed development roadmap.**

To complete the offering range and volumes capabilities, outsource partners working on farming contract based will be engaged.





"Develop farmers' community to provide quality fresh produce while ensuring sustainable standards of living"







PROBLEM



This gap created lack of awareness on quality standards and market expectations.

Trader exploitation brings financial hardship to farmers







Quality consistency has been a significant challenge from Vietnamese small holders.

Issues include misuse of chemicals and lack of enforcement of good agriculture practices and unscrupulous intermediate traders.



Application of **post harvest techniques** to preserve
products and extend shelf life
are still at very early stage.

Marketing of produce to promote quality and sustainable farming practices is still very basic and lack of the extra mile which can bring the value add.



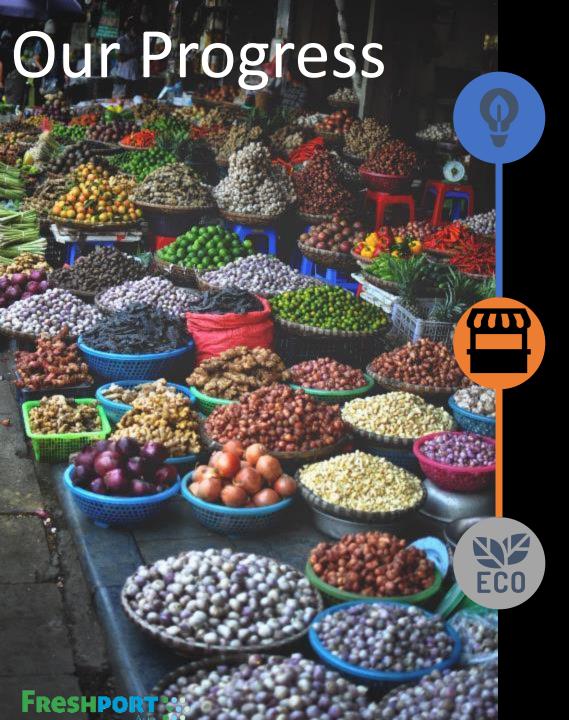
"Bring the best of Vietnamese fresh produce to the world!" "BioFruitCoop: Advocate Vietnam Fresh produce"





Certification roadmap





March 2020

Creation of Bio Fruit
 Coop. cooperative



Q4 -2020

- Expand farmers group
- Expand customer base
- Plan for new packing house

May 2020

- Supply to lead local modern trade chain
- Temporary pack house in place



2021 1st half

- Develop organic farmers group
- Secure new packing house site

Summer 2020

- International standards certification: GlobalGAP, SMETA
- 1st export shipments



2021 2nd half

- Fair trade project
- New product development & partnership





Sharing how innovative low-income farmers in the Mekong Delta with no route to market and negligible infrastructure can make the international cold chain work for them under adversity

On behalf of a cooperative of 300 farming clusters in the Mekong Delta Vietnam
Story board from Chris Catto-Smith Freshport Asia







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Vietnam is an agricultural country previously devasted by war and still living with the effects of defoliation and herbicides. However, this has not damped the spirit of the people.







The Central Highlands are recovering well with eco-agriculture adoption







However, the Mekong has shifted rapidly from low return Sugar cultivation





The Mekong Delta is now turning to high value fruit, but this requires infrastructure and international cold chain solutions – which are currently lacking or very limited.



Hau Giang – the poorest province in Vietnam – salt intrusion is destroying the rice crops along with extreme drought. Farmers must turn to the more tolerant tropical fruits for the future – but lack infrastructure and cold







Innovative new crops are being developed such as Pink Pomelo – highly regarded in China and Russian Markets







Lime is increasing in popularity but previously required waxing to survive the international shipment journey. Waxed lime is not suitable for cocktails & drinks















Many small-scale farms lack access to roads and must use water transport to reach collection centres







Previously extreme poverty & lack of awareness prevented proper post harvest care







A typical substance farmer home – a bed and a boat







Only rudimentary infrastructure for well off farmers







All you have to do with Vietnamese is show them the way and then get out of the way!









Poor quality processes requiring inspection by cutting open fruits by intermediate traders ruin high value fruit









High quality Jackfruit is selling in China for 25-30USD each – but nearly 45-50% is currently destroyed or lost in transit due to poor handling and lack of temperature control







Younger well-educated children of farmers are helping change to new ways









Fast post harvest handling and use of baskets on river boats reduce damage





Fast post harvest handling and use of baskets and barrows also reduce damages







Farmers daycare to allow parents to work in the harvest







Coordinated media attention raises awareness of quality produce









Intensive agronomy extension support to famers is essential





























Our very first days – operating with self funded working capital









Fitting out our new packhouse – cold chain / world class





FRESHPORT





Intensive training in quality and process compliance





Government and Quality Audit











Industrializing the packing function – wax-less lime

























Assembling the first export order





The founders about to ship their first export order – six months probonog

































Our first shipment waited an agonizing 38 days stuck in the Suez – we survived and so did our shipment to Turkey of Lime Coconut and Pomelo

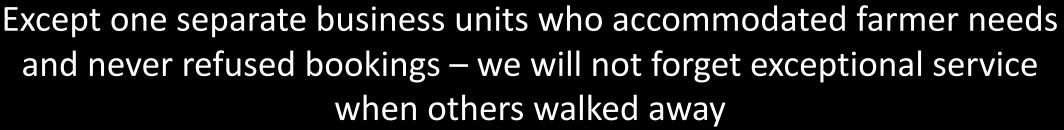






The start of our business conceded with Covid19 shipper price gouging Biggest shippers recording record massive profits at the expense if poor farmers































A note from our chairman Dung Nguyen

"Developing Vietnamese fresh produce has been a real passion and end goal for me.

Being able to gather farmers and promote quality fresh produce made us very proud at BioFruitCoop.

We would like to thank Cool Logistics for this prestigious award. We will continue to strive to be a professional reliable local sourcing entity and we are putting all efforts to bring this adventure to the next level."





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