

Handling Capacity: 90,000MT/year  
Storage Capacity: 6,000MT



Handling Capacity: 75,000MT/year  
Storage Capacity: 5,000MT



Handling Capacity: 90,000MT/year  
Storage Capacity: 6,000MT



Handling Capacity: 200,000MT/year  
Storage Capacity: 13,000MT



Handling Capacity: 50,000MT/year  
Storage Capacity: 7,500MT



Handling Capacity: 120,000MT/year  
Storage Capacity: 12,000MT



Handling Capacity: 50,000MT/year  
Storage Capacity: 6,000MT



Handling Capacity: 80,000MT/year  
Storage Capacity: 6,000MT

8 Processing  
Facilities in 3  
countries



## An Integrated Agricultural Commodity and Food Solutions Provider

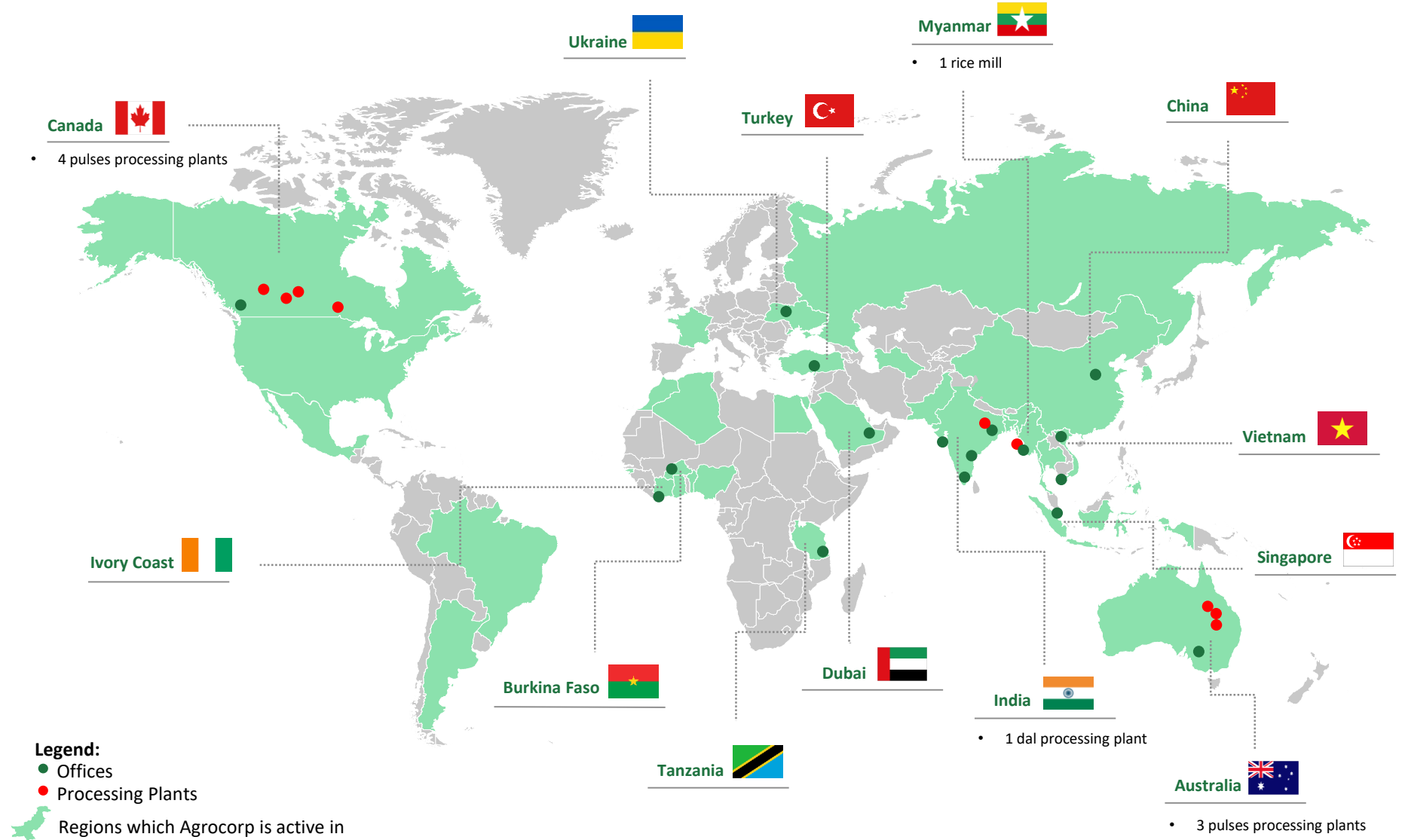
Agrocorp International is one of the leading integrated agricultural commodity and food solutions providers in the world. Since its founding in 1990, Agrocorp has grown its business worldwide and handled more than 9 million metric tonnes of goods in FY2018, placing it as one of the largest movers of agricultural commodities in the world, with a sales revenue of almost US\$3billion.

Agrocorp has expanded its presence in key product verticals from being active in less than 10 in 2005 to more than 30 in 2018. In a few of these verticals we have market leading positions in key markets such as India, Bangladesh, Myanmar and Vietnam.

Agrocorp's proven business model and end to end operations, ensures that it is able to tap into the full value chain as well as provide solutions catered to its customers' needs.

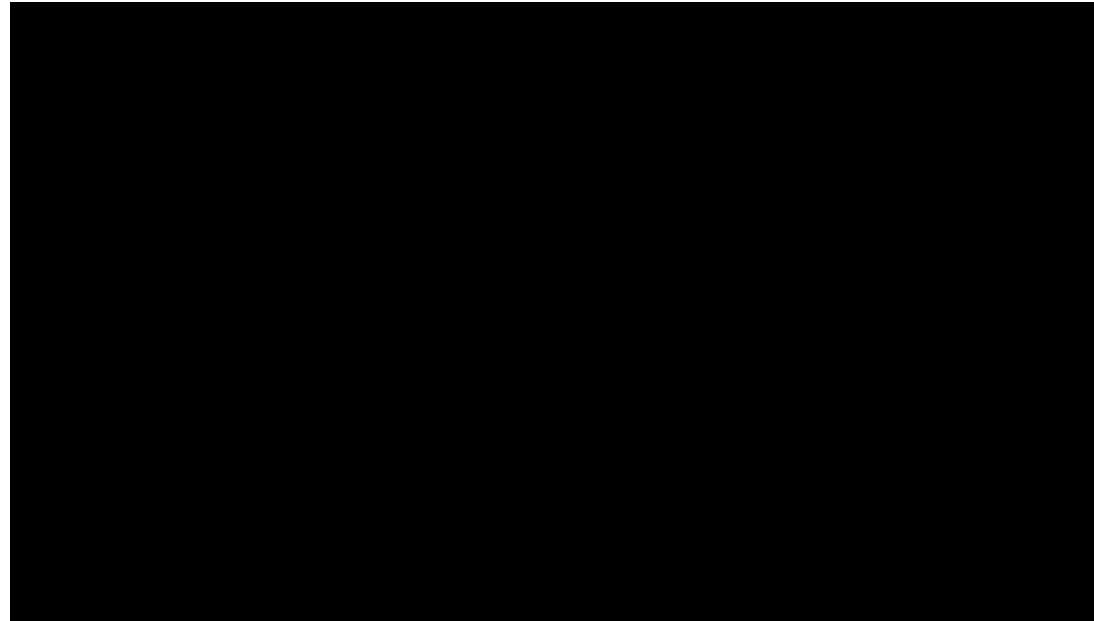
As a testament of its growth, Agrocorp was recently placed 138<sup>th</sup> by sales turnover and 9<sup>th</sup> by overseas sales turnover in the Singapore 1000.

# Global Presence

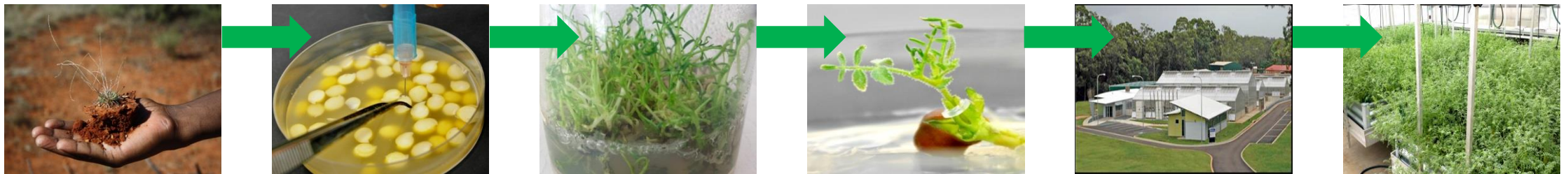


Entering into the seeds business pushed Agrocrop to invest in seed development in 2017. In conjunction with the Queensland University of Technology and Advance Queensland Research, Agrocrop is developing chickpea and pigeon pea seeds using the CRISPR gene editing technology. The objective of the program is to develop:

- 1) Higher yield seeds that allow production of larger quantities of agricultural output despite adverse weather conditions such as drought.
- 2) Disease resistant seeds which are able to withstand the common ailments that affect the crop quality in a given year.
- 3) Seeds with a higher protein content that are tailored for protein extraction and food ingredient applications



## Chickpea Transformation



QCDF Redland glasshouse

GM Glasshouse Trial

Chickpea Plants display enhanced resistance to Botrytis, which causes 50% loss in crop yield



Control Plant



Gene from resurrection plant

Enhanced tolerance to help plant to withstand drought and heat



Non-enhanced Chickpea

Genetically enhanced (30 Day without irrigation)



Control Plant



Gene from resurrection plant

Pigeon pea plants are resistance to insect pests and a study was made to see how this can be transferred to other seed varieties



Control Plant



Plant after crossing



## Development of an efficient genome editing system

Aim – Utilise the tools developed within the project for the development of technologies for the development of “non-GM” stress tolerant crops

Genome editing in plants

- Gene disruption by deletion not insertion
- Look for genes that are not expressed under stress
- Currently deciding the regulation requirements

Transcriptome Analysis of the Resurrection plant

Two Pronged Approach

- Look for genes significantly down-regulated
  - Fold change
- Literature Analysis + down-regulated genes
  - Previous studies demonstrating potential gene knockouts



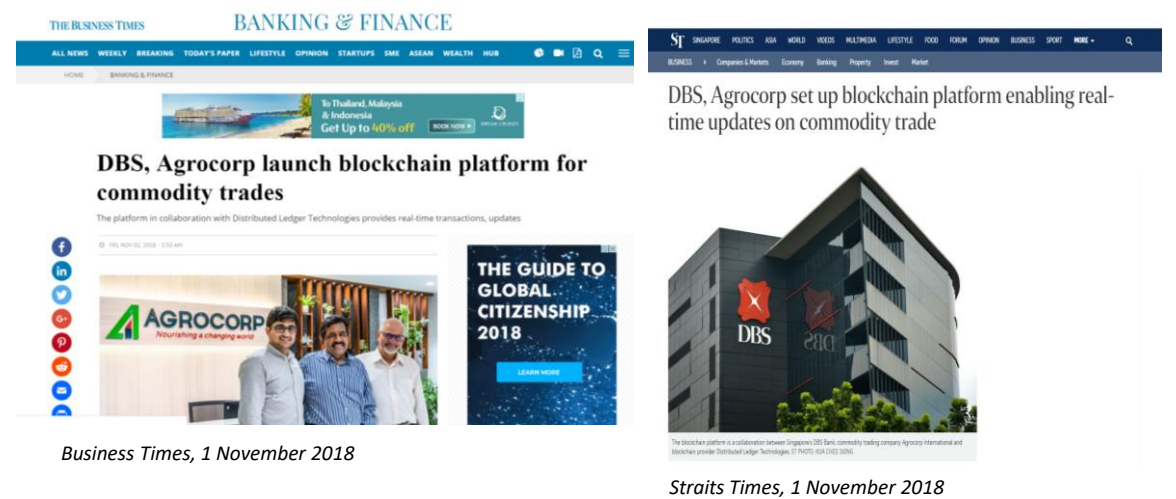
## Solar Plant in Australia



We installed our first solar plant at our Warrego and Yumborra sites in Australia with 150kW going online in April 2018. These systems will save us 200,000 kWh of energy each year, which is roughly 30% of our consumption and is equivalent to planting 400 new trees. This installation affirms Agroc corp's commitment to the environment and engaging in sustainable practices.

The solar plant was fully financed by National Australian Bank via a sustainability financing package. We are appreciative that the bank has been supportive towards Agroc corp's commitment to environmentally friendly power generation.

## Blockchain Trial with DBS



We are proud to announce that we recently successfully concluded our first blockchain-based transaction with Dltledgers, a Singapore-based start-up, and the Development Bank of Singapore (DBS). This transaction achieves a dual purpose of digitizing paperwork and improving supply chain transparency for customers.

We envisage a world where in the coming years LCs, accounts receivables financing, supplier financing, etc can move much faster in the entire documentation chain with the aid of Blockchain. This will help all companies in the sector achieve better cash flow and higher margins and at the same time minimize issues related to slow documentation such as demurrage. Farmers will also benefit from higher prices of their goods if they comply to sustainable practices demanded by end customers.