

# Food Innovation Waikato Background



- Government initiative to encourage innovation in the Food sector and assist small-medium sized businesses to develop new products
- Ultimate goal to increase exports
- Build a network of hubs with physical facilities across NZ, each with a key area of focus
- 'Open Access' platforms
- 'IP neutral'
- Support businesses with linkages to relevant research, education, business development, export certification and access to markets

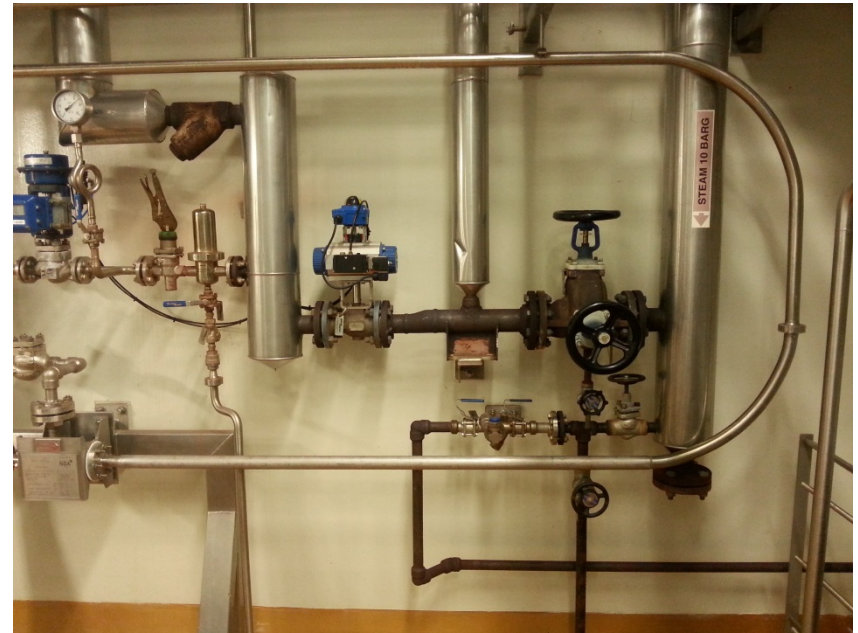


**FOODWAIKATO**

# Current State Dryer 1



- Fully booked 2018/2019
- Full forecast 2019/2020
- Certificated-China
- EU listing
- Organic
- Halal
- Kosher
- Other country listings

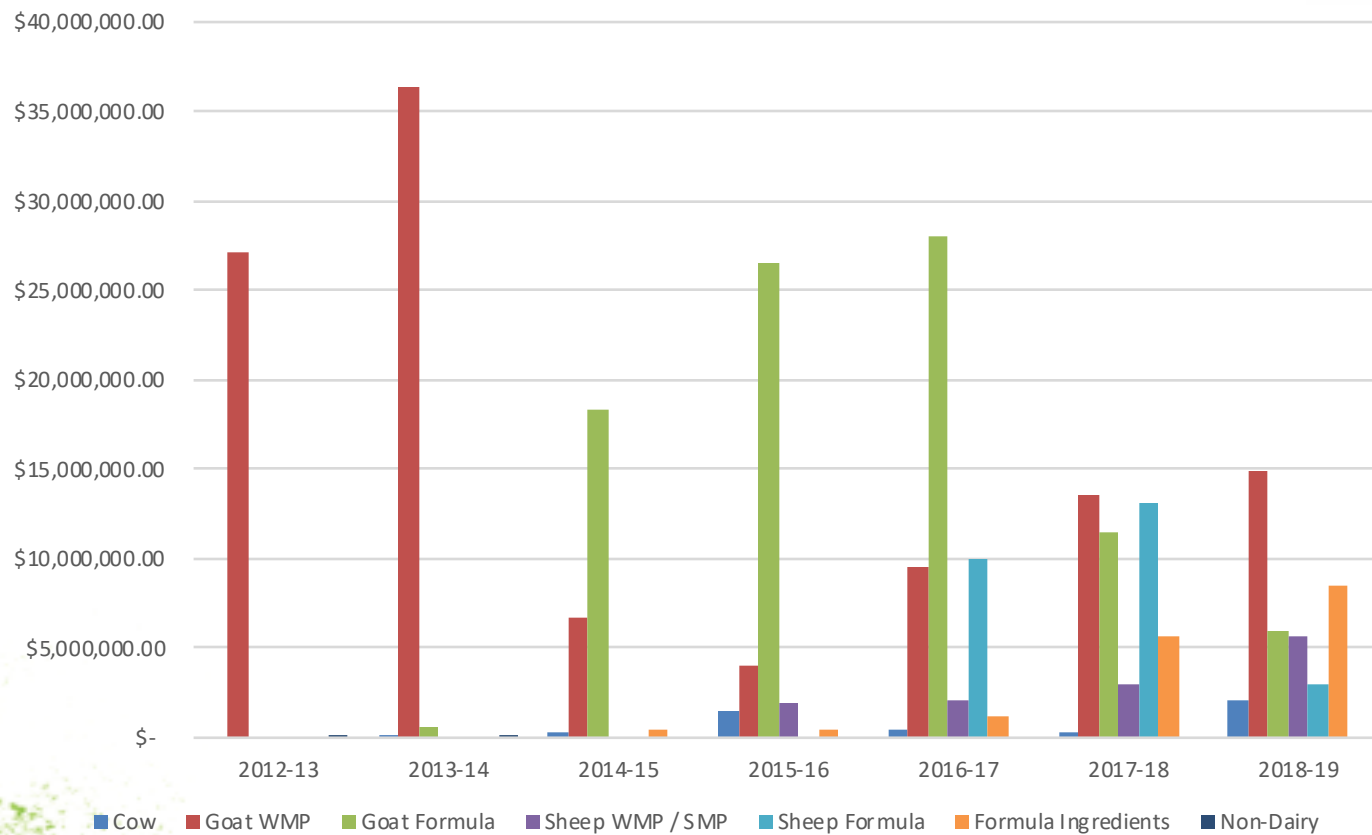


# Dryer 1 Capability

- Tanker reception and raw milk storage
- Pasteurisation
- 500kg WMP Evaporator & Dryer
- 20-25kg gas packer
- Full wet side capability added 2015
- Separation and standardisation of raw milk
- Nutritional plant



## Dryer 1 Export Value 2012 - 19





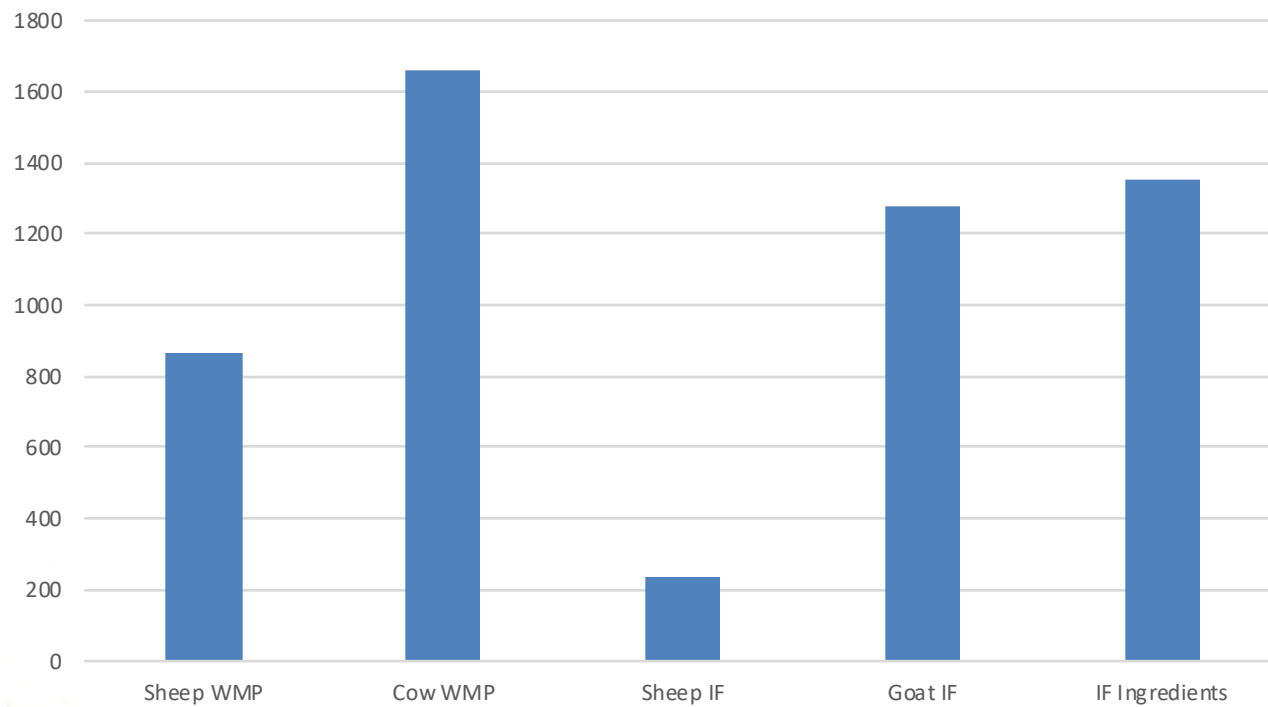
# Dryer 2 Capability



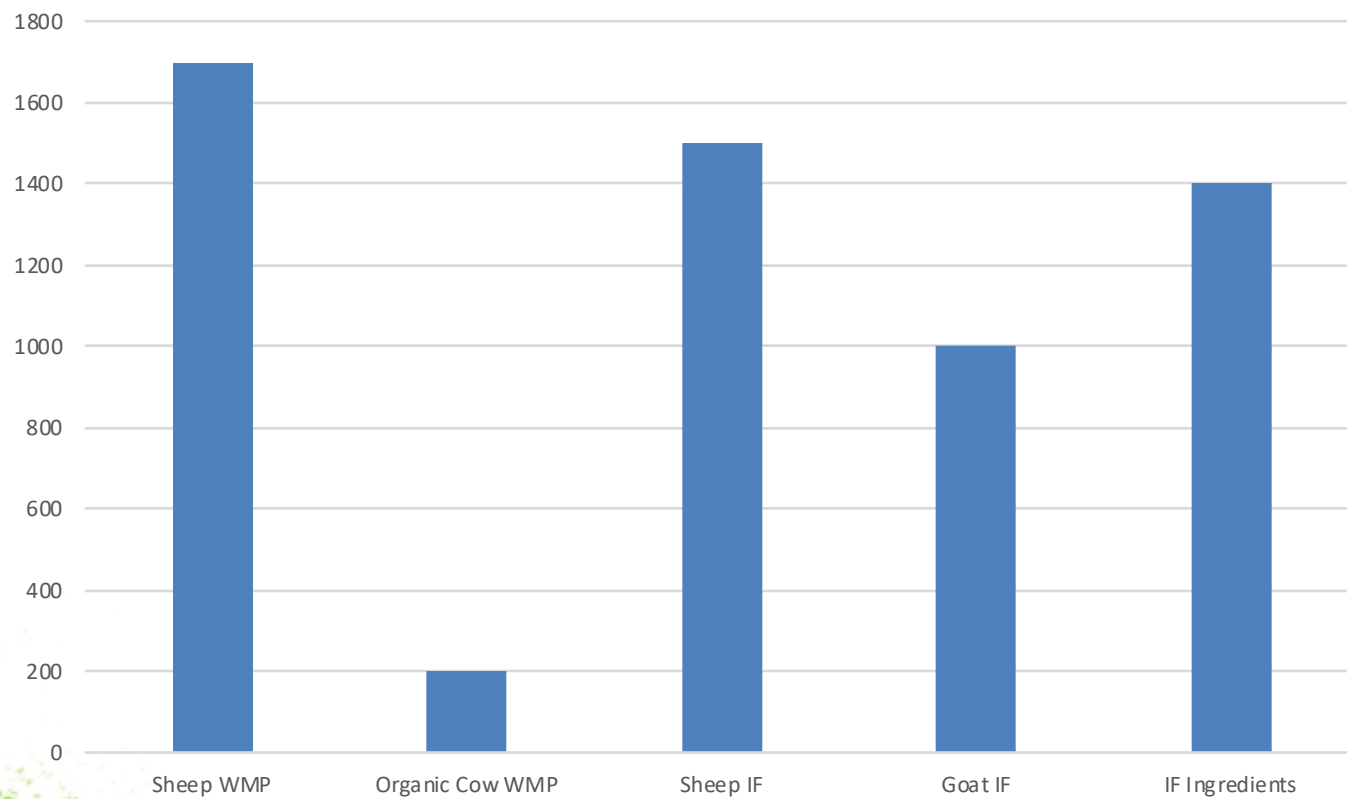
- Near-mirror image of D1
- Full nutritional wet side for Infant formula
- 2.4x capacity increase on D1
- 165,000 litres at 12% solids
- Output 17,800 kg Nutritionals per day
- Split evaporator to allow longer dryer runs
- Separation & cream handling
- Robotic palletising
- Water recovery system
- Commercial production 1<sup>st</sup> March 2020



Dryer 2 Tonnage 20/21 season



## Dryer 2 Predicted Tonnage 23/24 season



# Manufacturing Pricing Dryer 2



- Capacity per day 165,000 liters @ 12% solids
- Out put per day - WMP 19,900 kg
- Out put per day – Nutritionals 17,800 kg
- Average manufacturing cost per kg Nutritionals  
- \$2.70 kg (plus ingredients)
- Average manufacturing cost per kg WMP -  
\$2.40kg (plus milk)
- Capacity available from April 2020



An abstract, vibrant splash of colors (yellow, orange, red, blue, and green) on a white background, resembling a paint or ink explosion. The word "Thanks" is centered over this splash in a large, white, serif font.

# Thanks

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