

## Advancing Regional Agri-food Waste Valorisation







## Background

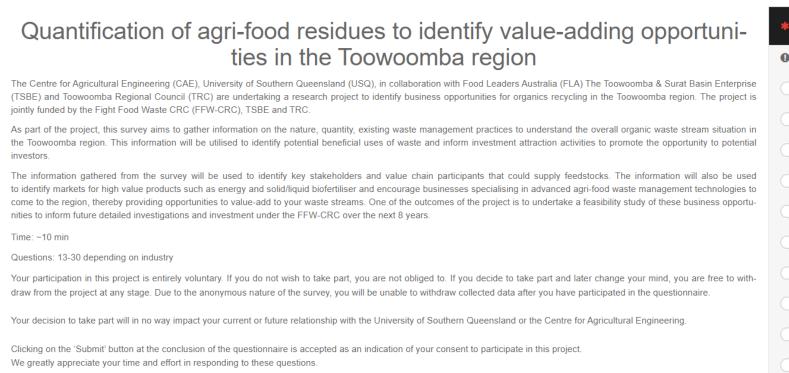
- Toowoomba regional council (TRC) currently landfills 16,600 tonnes of food waste and commercially collected organics annually. This practice is detrimental to the environment and contributes significantly to the overall cost of production for business. It also presents management challenges for waste receivers like TRC.
- The greater Toowoomba region is an established agricultural region with great potential to aggregate
  organic wastes and derive higher-value products. However, the quantity of residues is currently
  unknown. There is increasing interest in regional areas of Australia to investigate and transition to
  the processing of organic waste sourced from municipal and agro-industrial waste, including food
  waste.

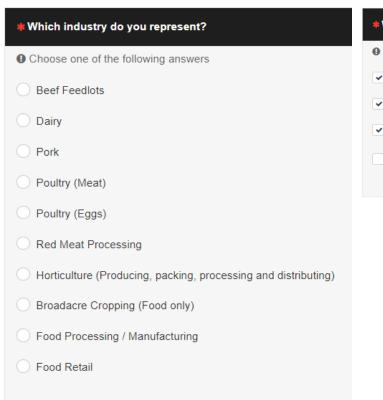
## Research Program

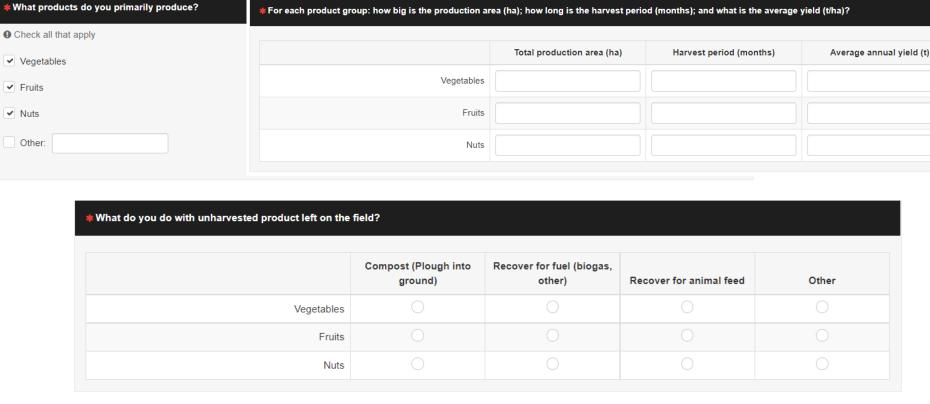
USQ is working with TRC and the Toowoomba and Surat Basin Enterprise Food Leaders Australia and
its members to identify business opportunities in the intensive agriculture, food processing and
municipal waste industries in the Toowoomba region, review technologies available and gaps
identified for processing the waste, and develop a strategy to increase the processing of municipal
organics.

## Results and Outcomes

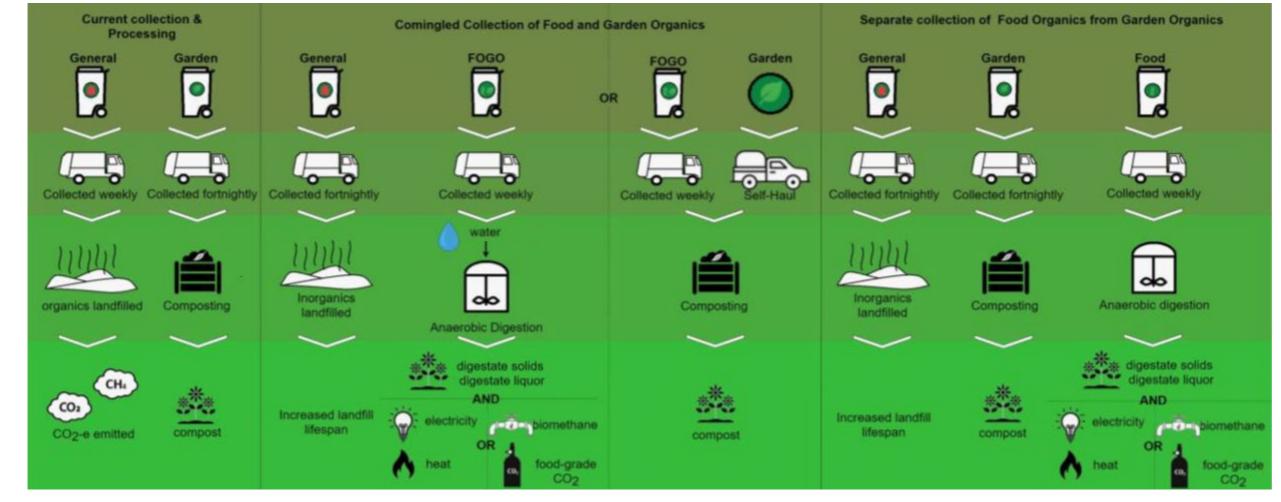
1. Beneficial uses of wastes have been identified to inform investment attraction activities and promote the opportunity to potential investors via surveys and interviews.







2. An organics business case for TRC which includes kerbside and commercial food waste has been produced. The report identifies significant food waste generators across the Toowoomba region and gathers information on the nature, quantity, existing waste management practices, and waste management contracts to understand the overall organic waste stream situation in the region.



3. Further feasibility studies of business opportunities will be undertaken to inform detailed investigations and investment.

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