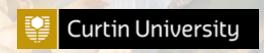


Waste (FOOD) Management Workshop

Janet Howieson (Curtin University)





Drivers

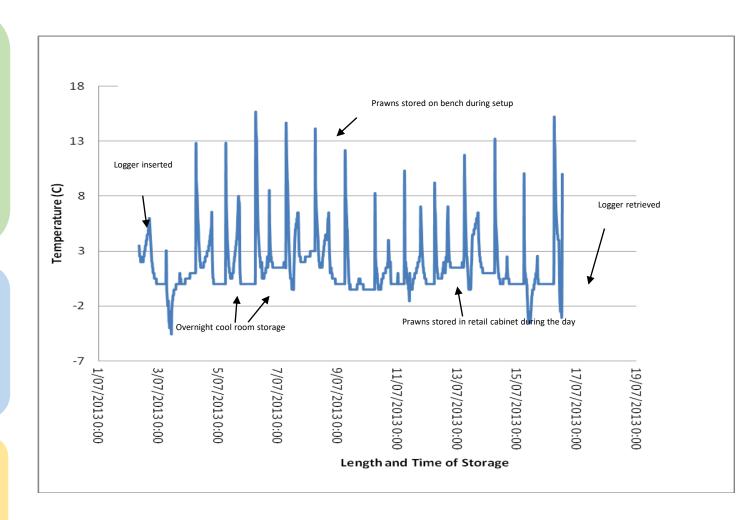
1. Drivers for your Waste Management Journey

- Internal (management; company ethos; profitability)
- External (Markets; Endusers/customers; investors; regulatory/legislative; Quality)

2. Benefits

- Internal
- External

3. Company Champion and Possible Team members



Objectives

Thinking about your supply chain...

- 1. What is the focus for your food waste management journey?
 - Underutilised/unharvested product
 - Shelf-life extension/Quality improvements
 - Processing waste
 - Production loss
 - Are there other "wastes" to measure (waste; power; sustainability credentials?; plastics?)

2. What will you measure? How will you evaluate?

- Food loss volumes
- \$\$
- Cold chain
- GHG emissions (tools available)
- Other

Walk Your Chain

Thinking about all the steps in your supply chain...

What are the boundaries of your food waste investigation?

- Within company activity
- Suppliers, customers

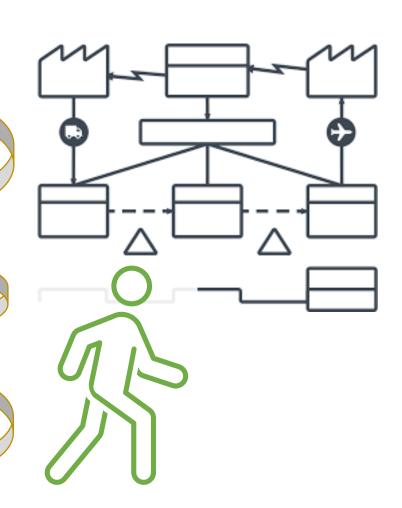
Walk your chain

- Draw your chain
- What will you measure? How?

Identify Hotspots

Prioritise hotspots for possible action

- \$\$
- Risk
- Other drivers (identified previously)



Possible Solutions and Wild Ideas

1. Thinking about your hotspots & possible actions

- Current knowledge: do you know of any possible solutions that are being considered?
 - Theoretical/experimental/commercial?
- Any new/alternate ideas
- Who can help?
- Information from your markets/customers

2. List 2-3 possible ideas and actions

- 3. Consider feasibility of your actions. Consult with endusers and others who can help
 - Technical (safety.; quality; storage; new products)
 - Logistical and Scale
 - Economic (preliminary cost benefit analysis)

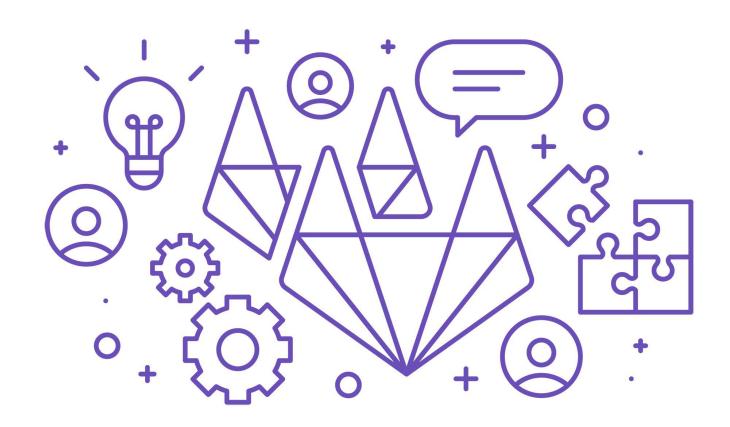
Collaboration?

Thinking about your possible hotspot actions...

1. Will collaboration help?

- Through the supply chain
- Within sector
- Cross sector
- With external partners (govt; universities; other??)

2. Consultation



FFW CRC/Curtin/DPIRD Project

Validating WA Food Waste Opportunities: A Decision-Making Framework for SME's

- 1. Governance (scope), mapping (baseline data for WA food waste production) and EoI for SME case studies
- 2. Develop draft decision-making framework
- 3. Test and evaluate framework on five WA SME case studies
- 4. Finalise tool; Extension and training to WA F&B manufacturers to maximise tool impact





Key Framework Stages (at this time)

Stage 2 Stage 3 Stage 4 Stage 5 Stage 6 Stage 7 Consult to Consider Map volumes of Research including and prioritise valuewaste at the facility current status of add Undertake cost and any knowledge, existing options/innovations Objectives, Setting benefit of theoretical Facility and process/costs. Presolutions, possible Boundaries and and undertake Quantify composition **Equipment Design** new end markets for the commercialisation Evaluation preliminary products/innovations of waste and and Costings. proposed waste recommendation. **Parameters** investigations to based on previously quality/storage stream/shelf-life ascertain technical developed template. implications on innovation. feasibility. composition





GET INVOLVED IN OUR PROJECT

Validating WA Food Waste Opportunities: A Decision-Making Framework for SME's

- a. Talk to Project personnel (Curtin, DPIRD, FFW CRC).
- b. Do the survey (QR code) and get your name on the project distribution list
- c. Consider submitting an Eol to be a case study



We aim to produce a robust, user friendly, accessible tool that is continuously adaptable and transferable for new SME food waste transformation contexts