



# What's new in MI&QA at AMPC

23.10.19



# What isn't new...

# Top ten issues facing Meat Processing in Australia

- Labour
- Energy
- Market Access
- Water and Waste
- Technology/ Automation/ Productivity
- Regulatory Burden
- Packaging
- Herd Levels (security of supply)
- Consumer Trends & Education
- Animal Welfare- Social Licence

# Key Focuses



# Processing Hygiene, Quality & Meat Science



## **Program Overview**

This program combines knowledge of meat science and quality in the delivery of high-quality standards and food safety, as a key differentiator of Australian products in a competitive market.

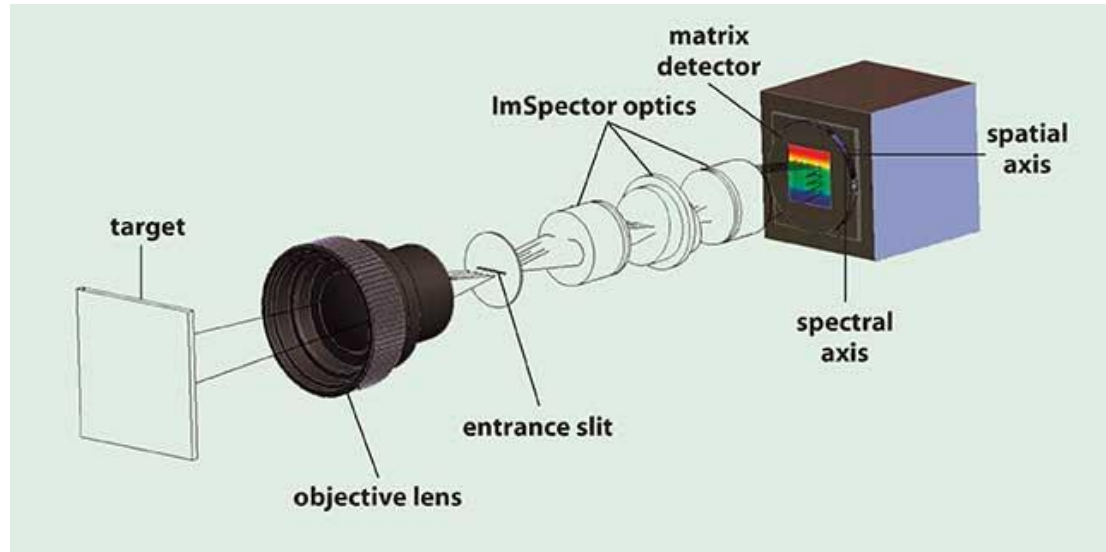
# Completed Project Review

- Overall 20 projects – 14 Extended or extendable, 4 require further evaluation, 2 communicated but not extendable
- **Regulatory Burden & Trade Barriers-** Process monitoring for the Australian meat industry - a comparative industry trial



# Completed Project Review

- **Meat Science for Profitability-** Sensing for Offal Grading and Enablement of Automation



# Current Projects

## Regulatory Burden

- Visual monitoring of carcass and carton meats – a system for the 21<sup>st</sup> century
- Amendments to AS4696 – Post Mortem Inspection and Disposition

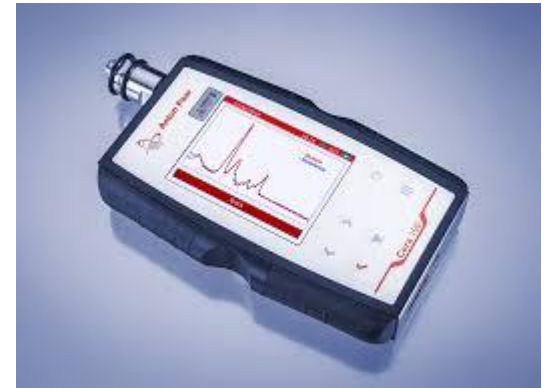
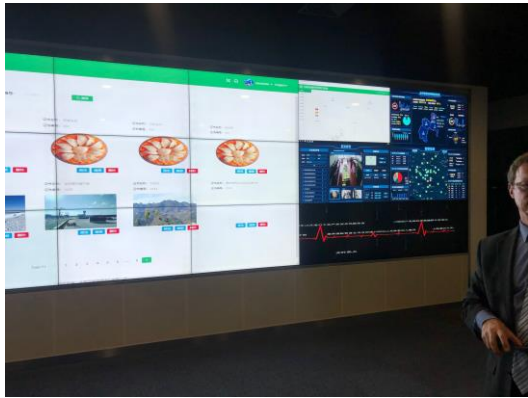




# Current Projects

## Trade Barriers

- Creating Visibility in the Supply Chain utilising Intelligent Inspection and Data Technologies
- Noninvasive Measurement of Meat Quality in Live Animals Using Deep Tissue Raman Spectroscopy



# Current Projects

## Meat Science for Profitability

- Real-time identification of red meat provenance and quality attributes
- The effect of wash location on micro and visual contamination of lamb carcasses
- Development of shockwave technology for tenderisation and decontamination of beef cuts



# Project Pipeline

## Regulatory Burden

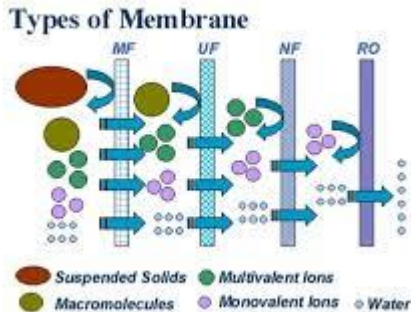
- Packaging in the Australian Red Meat Processing Industry



# Project Pipeline

## Trade Barriers

- A study to examine the technical and economic feasibilities of recovering materials from abattoir wastewater



# Project Pipeline

## Meat Science for Profitability

- Proof of Prototype: Sensing for Offal Grading and Enablement of Automation
- The role of pre-slaughter hide washing in the production of high quality beef



# Want to find our Project reports?

<https://www.ampc.com.au/research/reports>



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