



**AMPC**

**AUSTRALIAN  
MEAT PROCESSOR  
CORPORATION**

**David Lind**

## Discussion Today

- **AMPC & AMPC Learning...  
(Training, Education & Extension)**
- **On Line Learning Opportunities...**
- **On Line Learning Thoughts...**







## About AMPC

- ◆ A National Rural R&D Corporation that provides R&D & marketing services and investments for the Australian red meat processing industry
- ◆ **MISSION:** to support a sustainable competitive Australian red meat processing industry that meets member, customer & community expectations

A female scientist with dark hair, wearing a white lab coat and a white hairnet, is looking through a white and black compound microscope. The background is a blurred laboratory setting with shelves of equipment.

## Research Programs:

- ❑ Core Program (AMPC)
- ❑ Joint Program (AMPC/MLA)
- ❑ Plant Initiated Project (PIP) Program

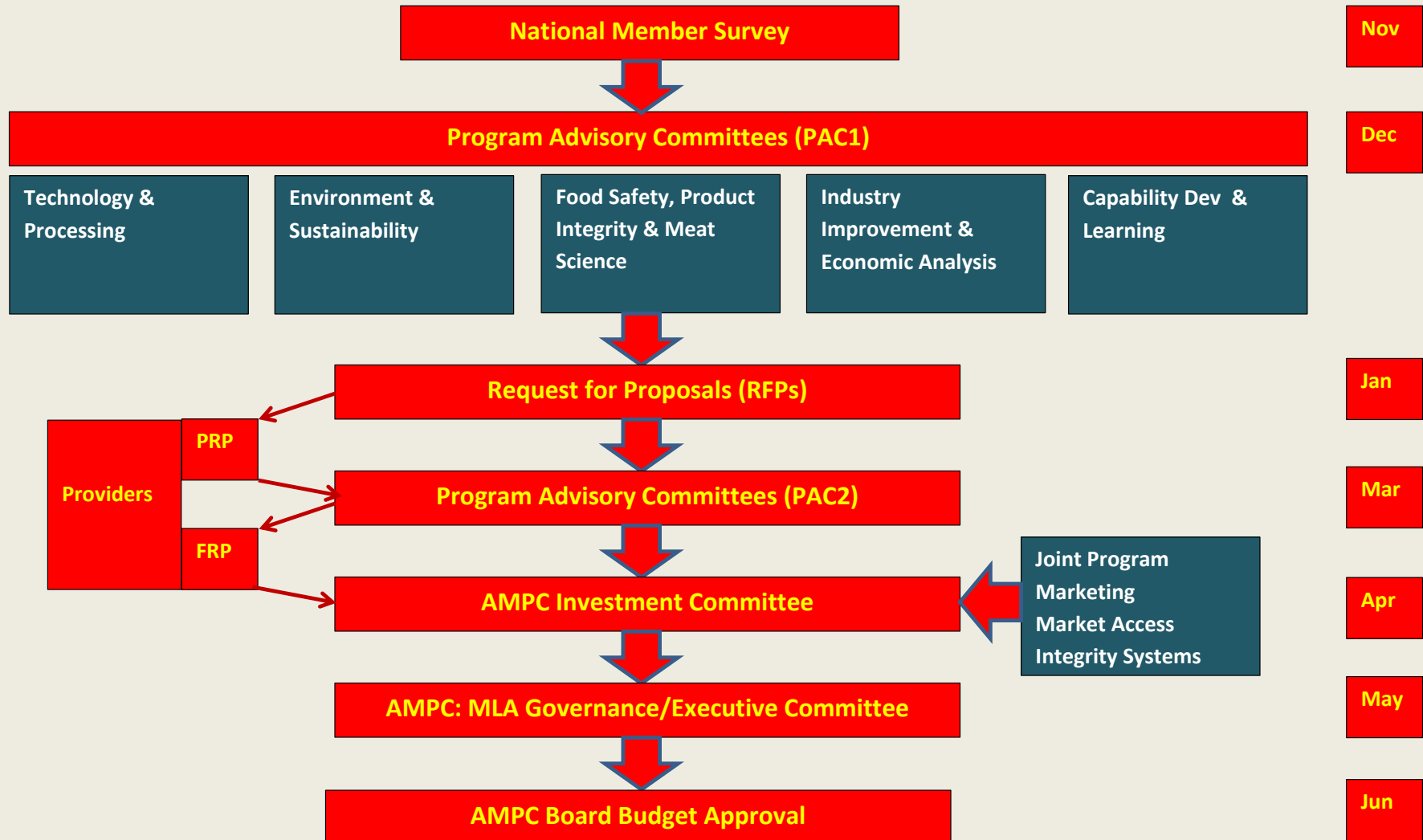


## AMPC Core Program

- ◆ Core Program is main RD&E Program for the red meat processing industry
- ◆ Administered and delivered by AMPC and supported by industry wide consultation process



# AMPC Portfolio Development Process



*300 PRPs received. Total Value \$68m*

## AMPC Learning Program

The effective translation and communication of R&D outputs to stakeholders and the support of key training initiatives...

### Program Streams:

- ❑ Increasing innovation capabilities of personnel...
- ❑ Upskilling of processing engineers...
- ❑ Professional development of industry personnel...
- ❑ Delivery of priority training & extension services...







## Learning Program Priorities FY 2015-16

- ✓ Communicating Benefits of Career Pathways
- ✓ Training & Education Tools for SMEs
- ✓ R&D Training & Extension Services
- ✓ Integrated Scholarship Program
- ✓ Interactive On Line Learning



# On Line Learning...possible opportunities, benefits, options?



## On Line Learning Opportunity...

- ◆ Historically AMPC learning has been delivered face-to-face...
- ◆ While face-to-face learning maybe best, it is not always practical or cost effective....
- ◆ Blended learning through inclusion of on-line option could increase availability, flexibility & engagement...







## On Line Learning Benefits...

- ◆ Timely delivery of R&D outcomes and learning that is critical to industry...
- ◆ Allows for self-directed and self-paced learning that can be blended with traditional learning approaches...
- ◆ Media rich content through videos, animations, webinars etc...
- ◆ On line learning beneficial for manufacturing industries i.e. reduced cost, improved flexibility, mobility etc...

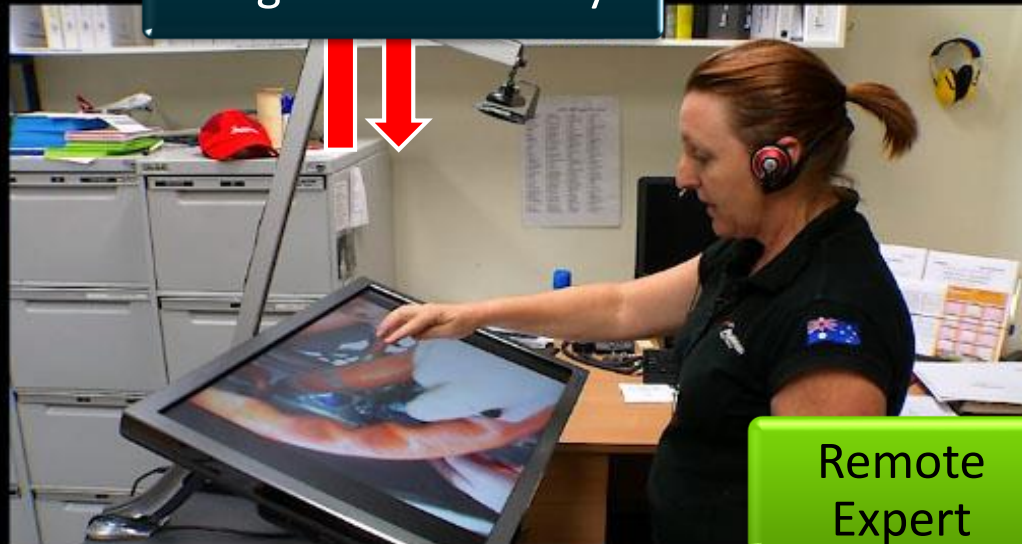


Two-way video & audio  
& hand gesture  
Communications



Onsite  
Worker

Augmented Reality



Remote  
Expert

MANUFACTURING FLAGSHIP

# Guardian Mentor ReMoTe

Remote expert assisting local worker

CSIRO



## On Line Learning Options...

- ◆ Hosting & management of an on line access to a one- stop shop repository of learning materials...
- ◆ Recorded and live webinars for timely interactive communication of R&D outcomes...direct feedback
- ◆ Community of practice portals for sharing best practice in a managed environment...
- ◆ Access via web and apps i.e. mobile devices....



# What can AMPC Learn from Others?





## Certificate I in AgriFood Operations with Assessment tasks

- AHCOHS101A - Work safely **CORE UNIT**
- AHCWRK101A - Maintain the workplace **CORE UNIT**
- AHCBAC101A - Support agricultural crop work
- AHCHM101A - Follow basic chemical safety rules
- AHCIRG101A - Support irrigation work
- AHCLSC101A - Support landscape work
- AHCLSK101A - Support extensive livestock work
- AHCLSK102A - Support intensive livestock work
- AHCMOM101A - Assist with routine maintenance of machinery and equipment
- AHCNSY101A - Support nursery work
- AHCPGD101A - Support gardening work
- AHCPHT101A - Support horticultural production
- MEM18001C - Use hand tools
- MEM18002B - Use power tools/hand held operations



## Rural Skills Online's 'Learning Store' & 'Tracker'

- knowledge and skills ▪ milestones to build comprehension ▪ blended learning ▪ tracks learning progress ▪ mul0media
- supports compliance ▪ downloadable assessment tools relate to real industry skills ▪ performance-based assessments
- with a mul0-assessment approach ▪ learner journal, trainer guidelines and support ▪ mapping matrix ▪ and so much more

## Certificate II Units with Assessment tasks

### AH indicates units suitable for Amenity Horticulture sector

- AHCBAC201A - Assist agricultural crop establishment
- AHCBAC202A - Assist with agricultural crop maintenance
- AHCBAC203A - Assist agricultural crop harvesting
- AHCBAC204A - Prepare grain storage
- AHCBIO201A - Clean machinery of plant, animal and soil material
- AHCBIO202A - Follow site quarantine procedures
- AHCHM201A - Apply chemicals under supervision **AH**
- AHCDRY201A - Milk livestock
- AHCINF201A - Carry out basic electric fencing
- AHCINF202A - Install, maintain and repair fencing
- AHCINF203A - Maintain properties and structures **AH**
- AHCIRG202A - Assist with operation of pressurised irrigation
- AHCIRG206A - Maintain pressurised irrigation systems
- AHCLSC201A - Assist with landscape construction work **AH**
- AHCLSK201A - Assist with feeding in a production system
- AHCLSK202A - Care for health and welfare of livestock
- AHCLSK203A - Carry out birthing duties
- AHCLSK204A - Carry out regular livestock observations
- AHCLSK205A - Handle livestock using basic techniques
- AHCLSK206A - Identify and mark livestock
- AHCLSK207A - Load and unload livestock
- AHCLSK209A - Monitor water supplies
- AHCLSK210A - Muster and move livestock
- AHCLSK211A - Provide feed for livestock
- AHCMOM202A - Operate tractors **AH**
- AHCMOM203A - Operate basic machinery and equipment **AH**
- AHCMOM204A - Undertake operational maintenance of machinery **AH**
- AHCNSY201A - Pot up plants **AH**
- AHCNSY202A - Tend nursery plants **AH**
- AHCNSY203A - Undertake propagation activities **AH**
- AHCOHS201A - Participate in OHS processes **AH**
- AHCPGM201A - Recognise plant **AH**
- AHCPGD201A - Plant trees and shrubs **AH**
- AHCPHT201A - Plant horticultural crops **AH**
- AHCPHT203A - Support horticultural crop harvesting **AH**
- AHCPHT205A - Carry out post harvest operations **AH**
- AHCPMG201A - Treat weeds
- AHCPMG202A - Treat plant pests, diseases and disorders
- AHCSOL201A - Determine basic properties of soil/growing media **AH**
- AHCWRK201A - Observe and report on weather
- AHCWRK204A - Work effectively in the industry **AH**
- AHCWRK205A - Participate in workplace communications **AH**
- AHCWRK207A - Collect and record production data
- AHCWRK209A - Participate in environmentally sustainable work practices **AH**

RURAL SKILLS AUSTRALIA AHCMOM101A Assist with routine maintenance of machinery and equipment

Trainer name: \_\_\_\_\_  
Training organisation: \_\_\_\_\_

**Task 3: Complete maintenance work**

1. Select 5 tools that you use when maintaining machinery and equipment, and explain how you clean and store them.

Tool	How do you clean it after use?	How do you store it after cleaning?

2. Find out how the following waste is dealt with in your workplace, and complete the table below:

Waste product	How is it collected?	Does it need to be treated? If so, how?	How is it recycled or disposed of?
Old oil			
Dirty rags			
Empty plastic containers			
Disposable gloves			

RURAL SKILLS AUSTRALIA AHCPGD201A Plant trees and shrubs

Trainer name: \_\_\_\_\_  
Training organisation: \_\_\_\_\_

**Task 2: Prepare trees and shrubs for planting**

1. Complete the following table about the planting of tubestock that you have carried out:

When did you do the planting?	What address/location was this?	List the names of 3 different plants that you planted	What tools and equipment did you use to prepare the planting hole?	How big did you make the hole?	How were the plants transported to the site before planting?	How were the plants maintained once they were on the site?	Explain how you removed them from their containers.

2. Complete the following table about the planting of bare-rooted plants that you have carried out:

When did you do the planting?	What address/location was this?	List the names of 3 different plants that you planted	What tools and equipment did you use to prepare the planting hole?	How big did you make the hole?	How were the plants transported to the site before planting?	How were the plants maintained once they were on the site?	Explain how you removed them from their containers.

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**Discussion:**

**On Line Learning...thoughts, suggestions, issues...**



**Thank You!**