MINTRAC National Training Conference
Developing an Emergency Response Plan
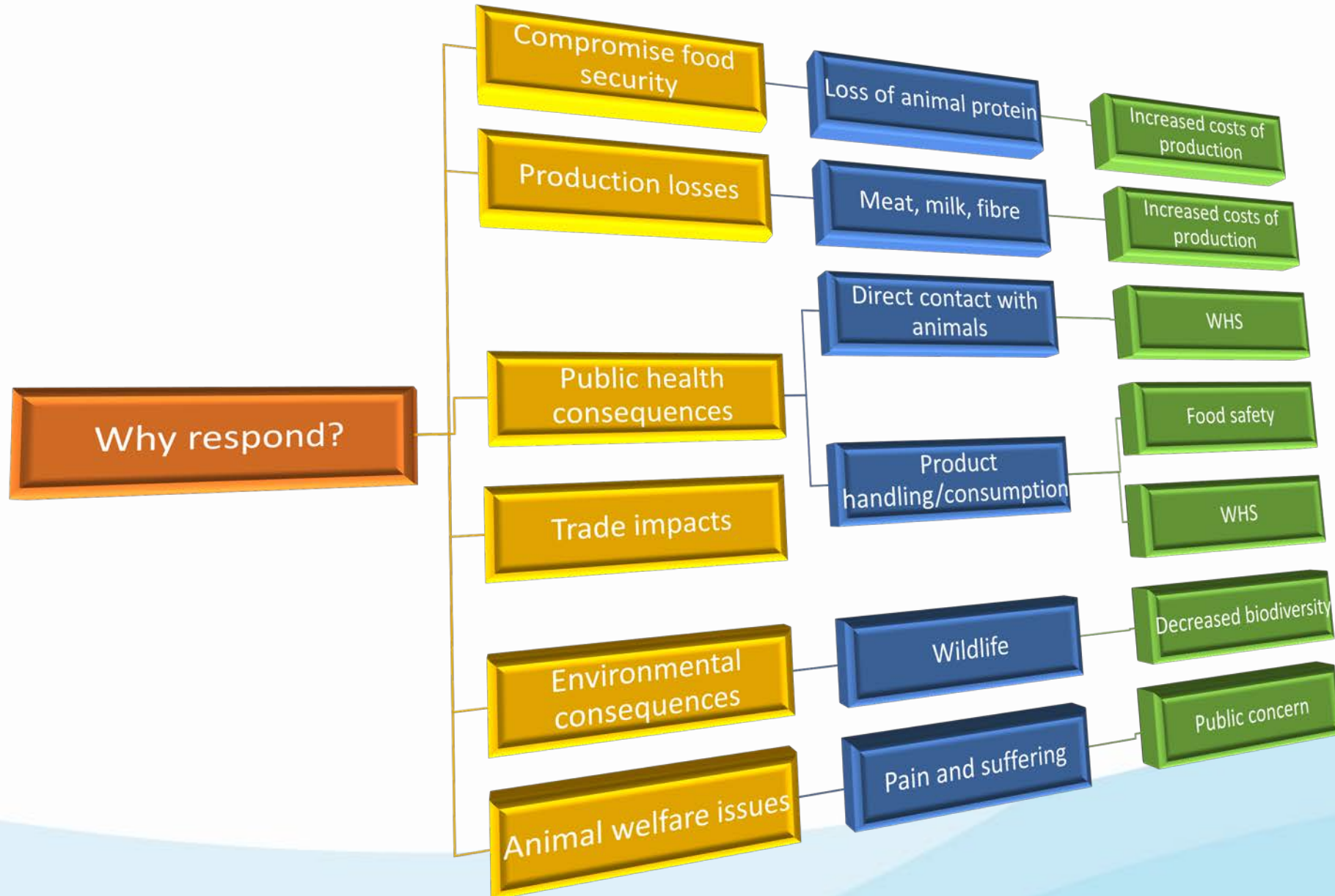
6 April 2016

Peter Dagg, Executive Manager EAD Preparedness and Response
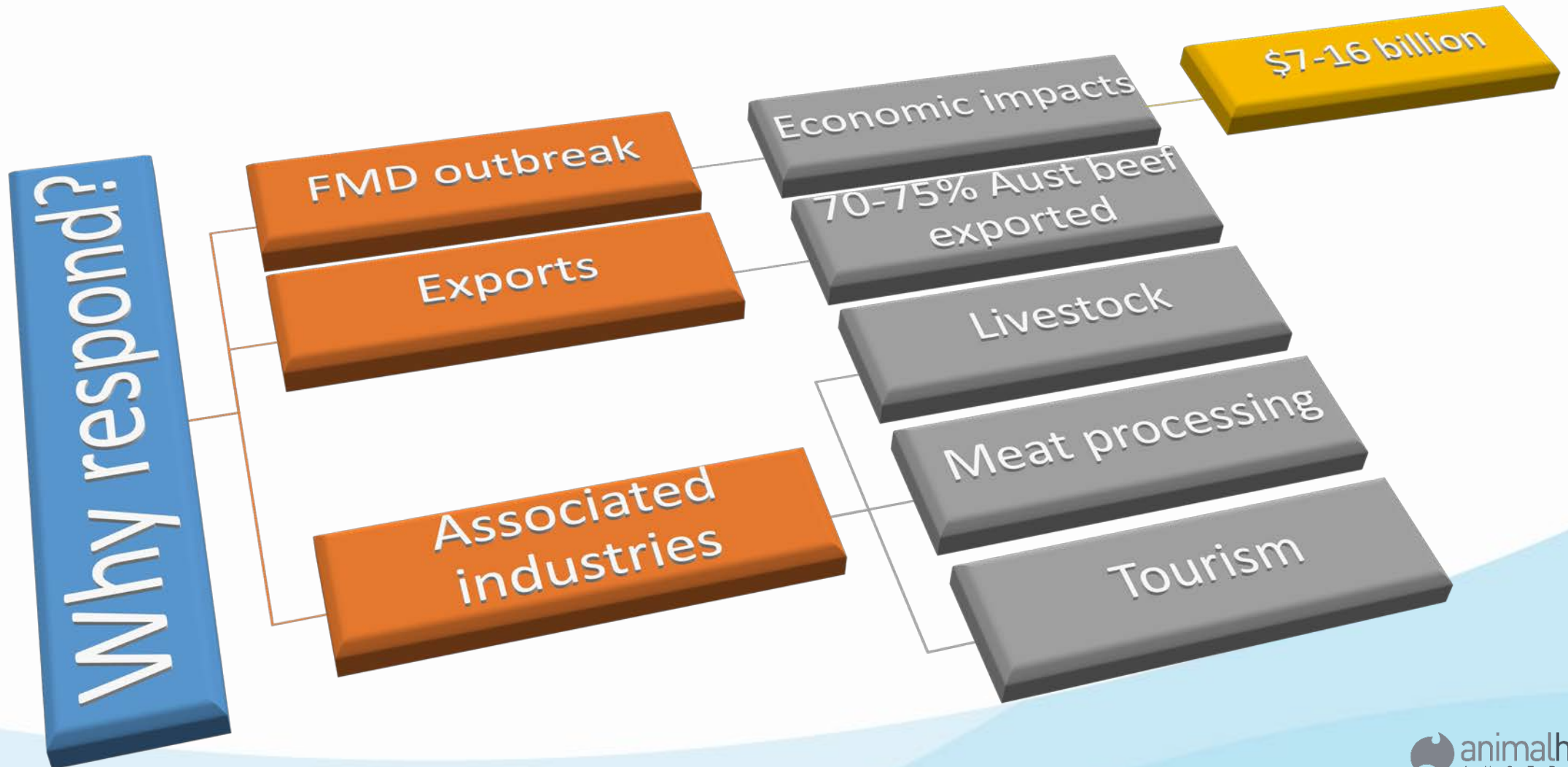
Animal Health Australia

Overview

- The emergency management continuum
- The emergency management framework in Australia
- The animal health system in Australia and AUSVETPLAN
- Planning for a response
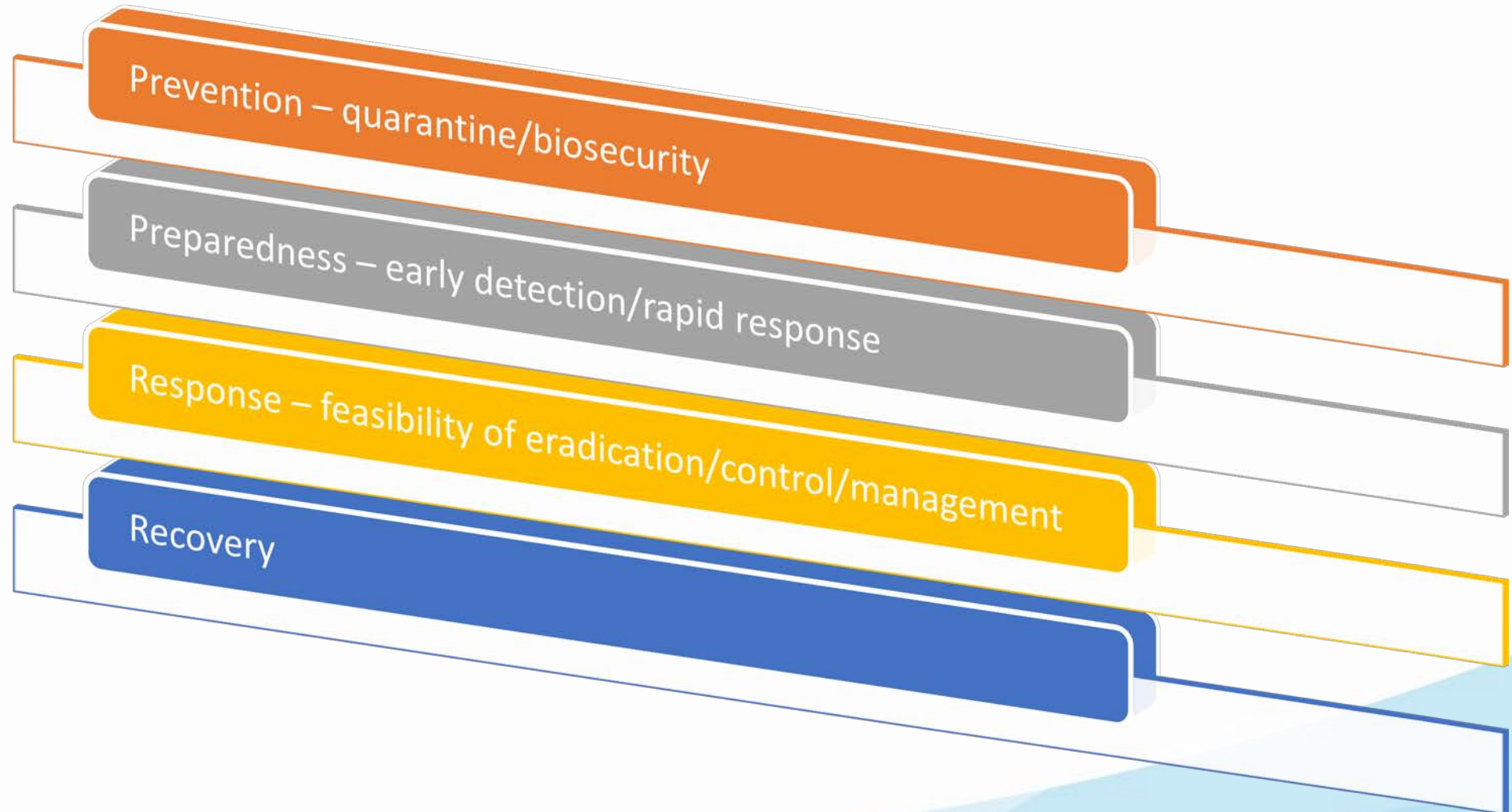- Developing an emergency response plan
- Summary.

The emergency management continuum
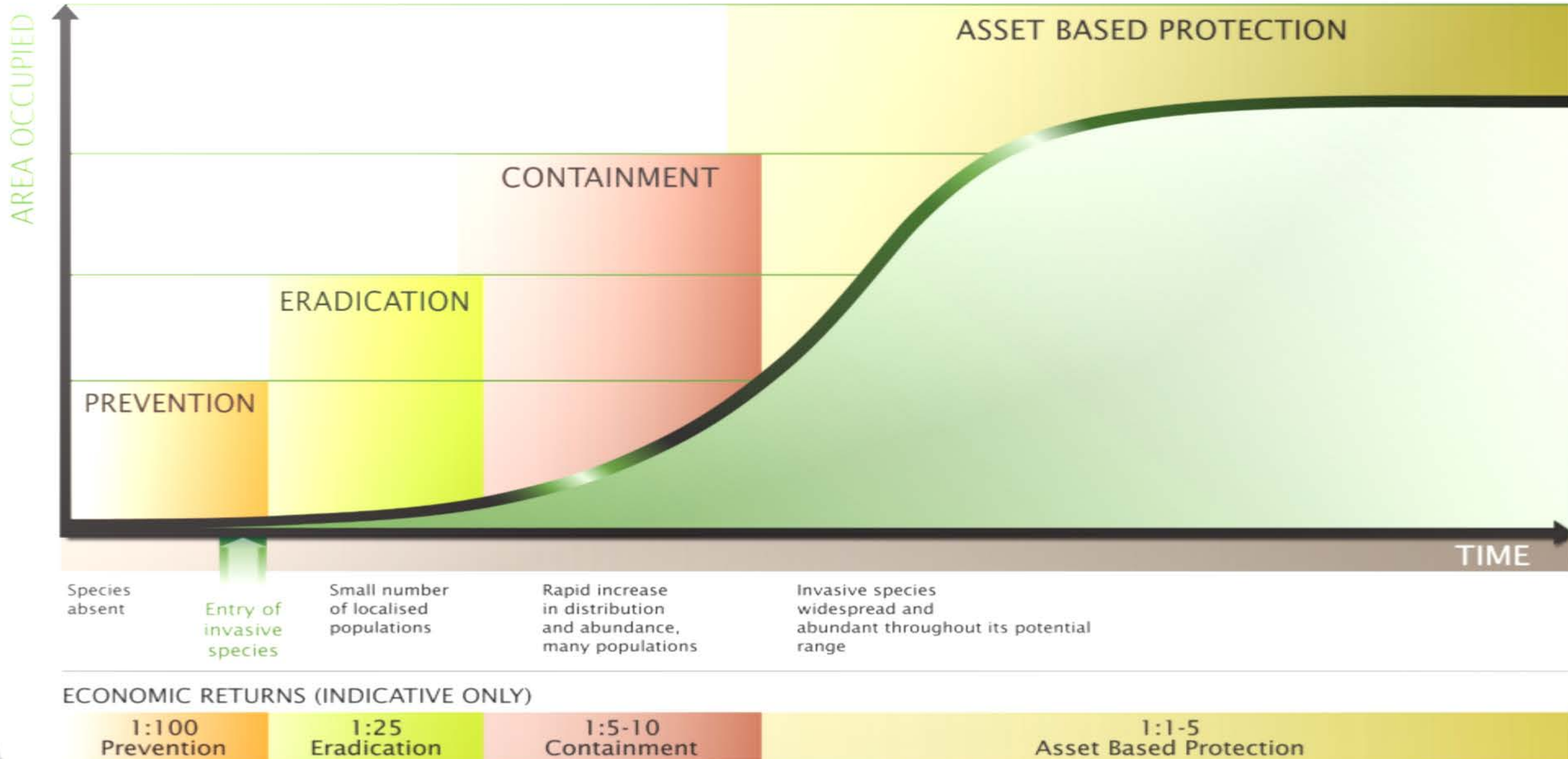
The emergency management continuum

The emergency management continuum

Prevention – quarantine/biosecurity

Preparedness – early detection/rapid response

Response – feasibility of eradication/control/management

Recovery

animalhealth
AUSTRALIA

GENERALISED INVASION CURVE SHOWING ACTIONS APPROPRIATE TO EACH STAGE

Version 1.0: 30 APR 2009

ASSET BASED PROTECTION

CONTAINMENT

ERADICATION

PREVENTION

AREA OCCUPIED

TIME

| Species absent | Entry of invasive species | Small number of localised populations | Rapid increase in distribution and abundance, many populations | Invasive species widespread and abundant throughout its potential range |

ECONOMIC RETURNS (INDICATIVE ONLY)

| 1:100 Prevention | 1:25 Eradication | 1:5-10 Containment | 1:1-5 Asset Based Protection |

The emergency management framework in Australia

The EM Knowledge Hub

Provides information on:

- Research
- Resources
- News
- Statistics
- Photos
- Video
- Media etc

DISASTER CATEGORIES

Category	
🔥 BUSHFIRE	▶
☣ CHEMICAL	▶
🎤 COMPLEX EMERGENCIES	▶
⚖ CRIMINAL ACT	▶
🌀 CYCLONE	▶
EARTHQUAKE	▶
🍃 ENVIRONMENTAL	▶
✚ EPIDEMIC	▶
🏠 FLOOD	▶

Category	
☁ HAIL	▶
🏭 INDUSTRIAL	▶
LANDSLIDE	▶
☁ SEVERE STORM	▶
SHIPWRECK	▶
TORNADO	▶
🚧 TRANSPORT	▶
🌊 TSUNAMI	▶
URBAN FIRE	▶

animalhealth
AUSTRALIA

The emergency management framework in Australia

Policy & Objectives
Australian Emergency Plan (under development)
Jurisdictional emergency plans
National Biosecurity Emergency Arrangements (proposed)
Jurisdictional biosecurity plans

Sector specific Biosecurity Policy, Objectives and Arrangements

Plant	Animal	Aquatic Animal	Marine Pest	Weeds	Other Invasives

Manuals

Technical Manuals
Disease or species specific
e.g.
~ Furunculosis (Aq)
~ Avian Influenza (An)
~ Citrus Canker (Pl)

Operational Manuals
Guidelines for undertaking one or more
e.g.
~ Control Centre Mgmnt
~ Public Relations
~ Decontamination

Technical Manuals
Location or Enterprisie specific
e.g.
~ Quarantine Stations
~ Zoos
~ Semi-closed systems

Procedures

Nationally agreed SOPS (NASOPS)

Jurisdiction Specific SOPS

Work Instructions

Jurisdiction Specific Work Instructions

Forms

Nationally agreed forms and templates

Jurisdiction Specific Forms & templates

Sector specific | Mix of generic and sector specific | Applies to all sectors

AUSVETPLAN

Who is AHA?

- A not-for-profit public company established by government and livestock industries

- Incorporated in 1996

- 32 members in five categories:
  - Australian Government
  - All the state (6) and territory (2) governments
  - Livestock industry organisations (15)
  - Service providers (2)
  - Associate members (6).

AUSVETPLAN

What do we do?

- Scope of our activities
  - Initial focus on emergency animal diseases (EADs), now much broader
- Mission
  - To assist our members and partners to enhance, strengthen and protect animal health and the sustainability of Australia's livestock industries
- Four service streams
  - EAD Preparedness and Response
  - Market Access Support
  - Biosecurity Services
  - Corporate and Member Services.

animalhealth
AUSTRALIA

AUSVETPLAN

EAD confirmed in Australia
    Is there a national response policy – do we need one?
    If so, where would we find it?

AUSVETPLAN
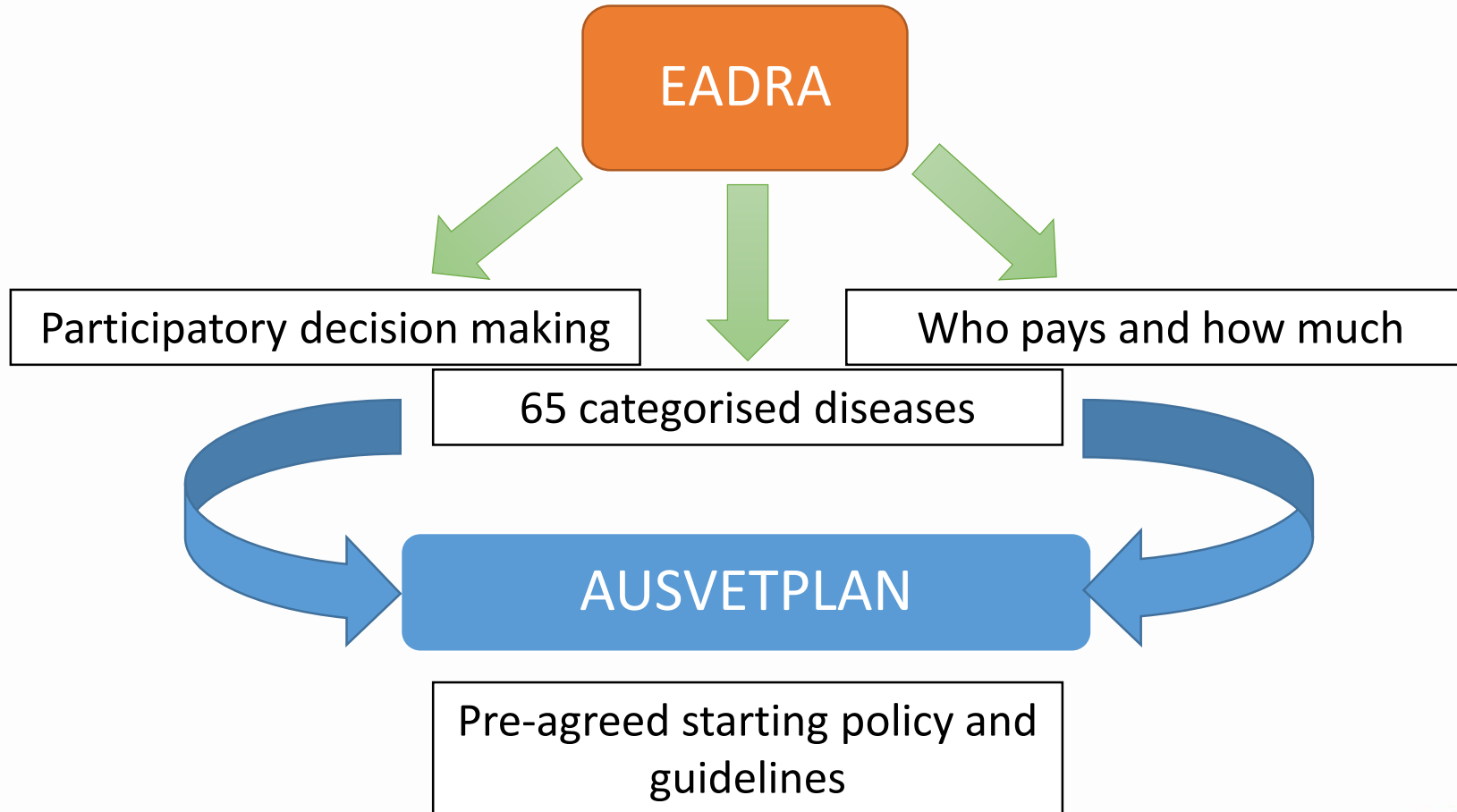
AUSVETPLAN
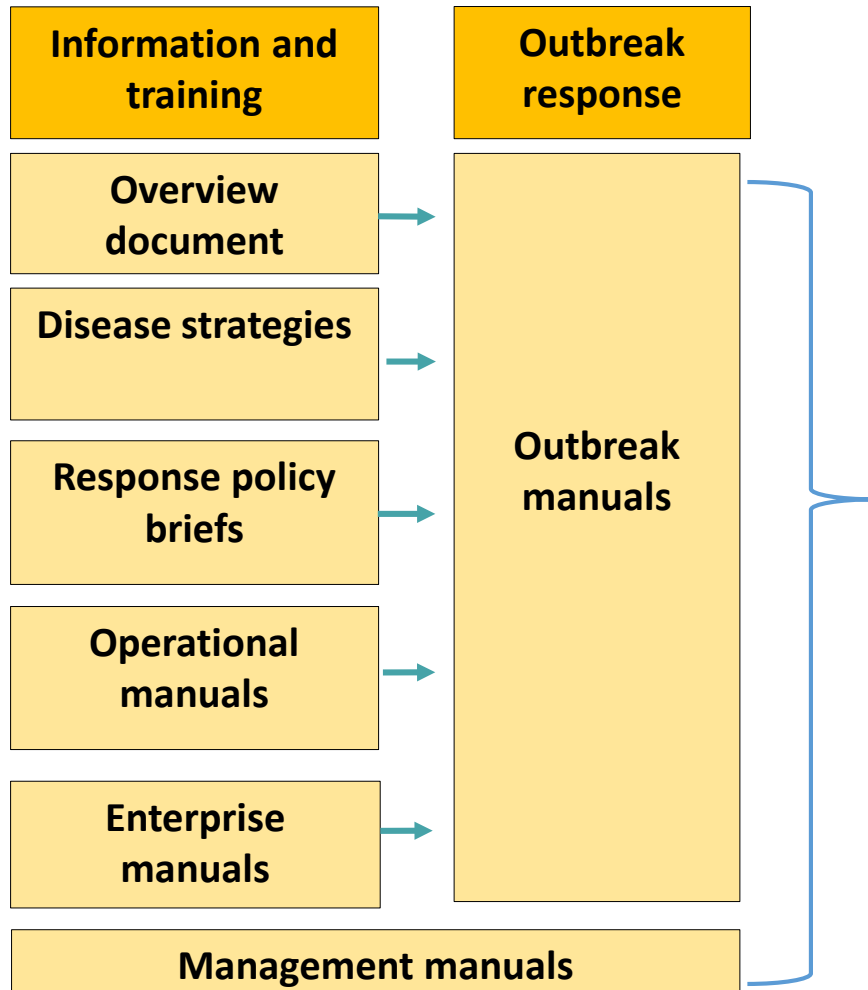
Outbreak management
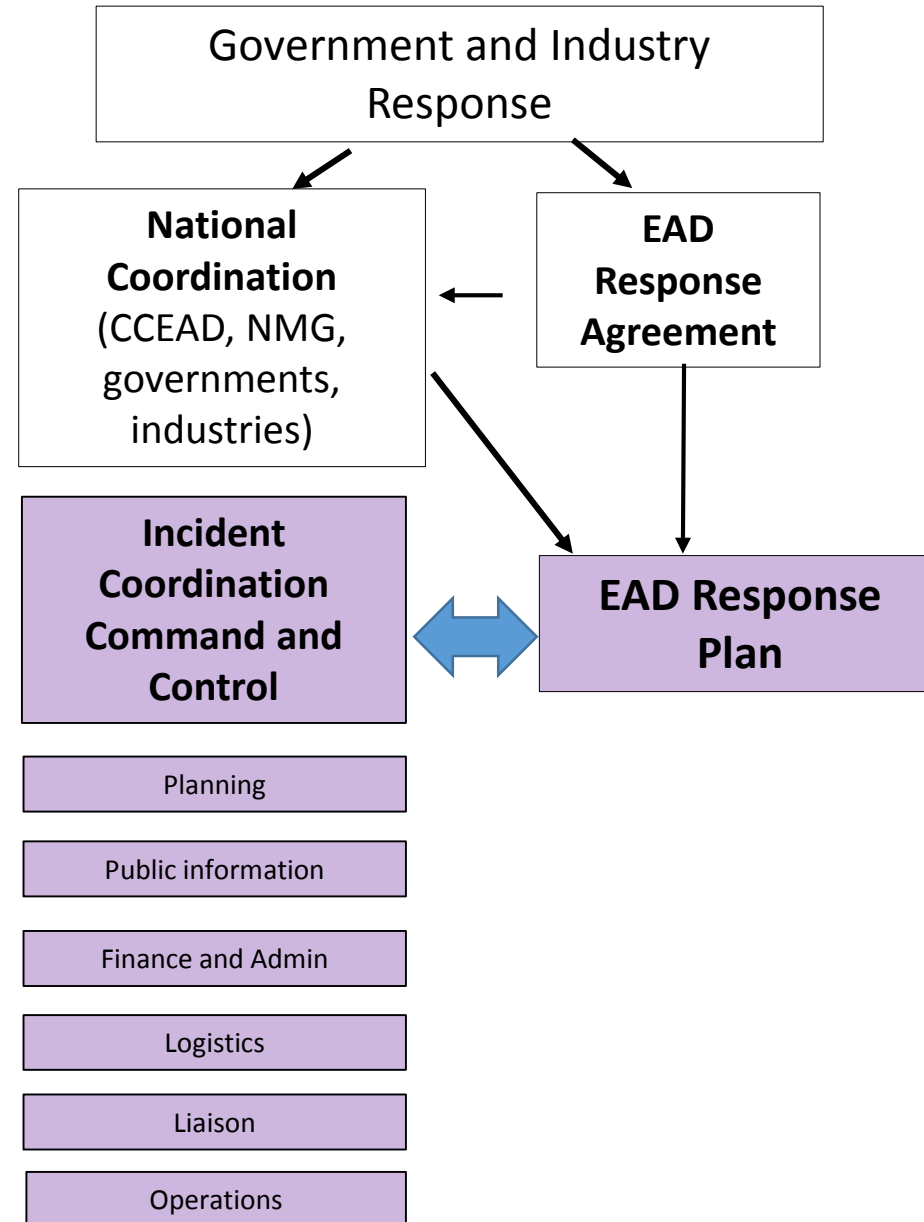
Planning for response

Response plans – some examples

- Australian Nuclear Science and Technology Organisation Emergency Response Plan
  - the framework for responding to all incidents and accidents at the Lucas Heights nuclear research reactor
  - provides arrangements for coordinating the response by ANSTO and NSW Emergency Services organisations, such as police, fire and ambulance
- NSW State Emergency Management Plan
  - preparedness, response and recovery arrangements to ensure coordinated responses by all emergency agencies.

Planning for response

Principles for emergency management

- Comprehensive approach/capability
- Coordination and information sharing
- All hazards/all agencies/risk management
- Community and stakeholder engagement
- Disaster resilience

animalhealth
AUSTRALIA

Planning for response
Common elements of response plans

- Introduction
  - Aim/purpose
    - Scope
      - Authority

- Roles and responsibilities
  - Within the organisation and with external organisations

- Coordination arrangements
  - Response phases
    - Organisational structures
      - Information management
        - Communication

- Public Information

- Administration.

Planning for response

AUSVETPLAN Enterprise Manual for meat processors

- Target groups:
  - **emergency disease decision-makers at state or national level** who are unfamiliar with meat processing operations — the manual aims to provide both an overview of the meat processing industry and also guidance on appropriate policy and applicable procedures

  - **meat processing industry staff and veterinarians** who need specific information on how to perform operational tasks to exclude, contain or eradicate the disease, and how to prepare contingency plans for their specific enterprises.

animalhealth
AUSTRALIA

Planning for response

AUSVETPLAN Enterprise Manual for meat processors

- Applicable:
  - when a meat processing establishment is operating **in the vicinity of an EAD outbreak**

  - when an **EAD is detected in an animal in an abattoir or** contaminated products are detected in a **processing plant**.
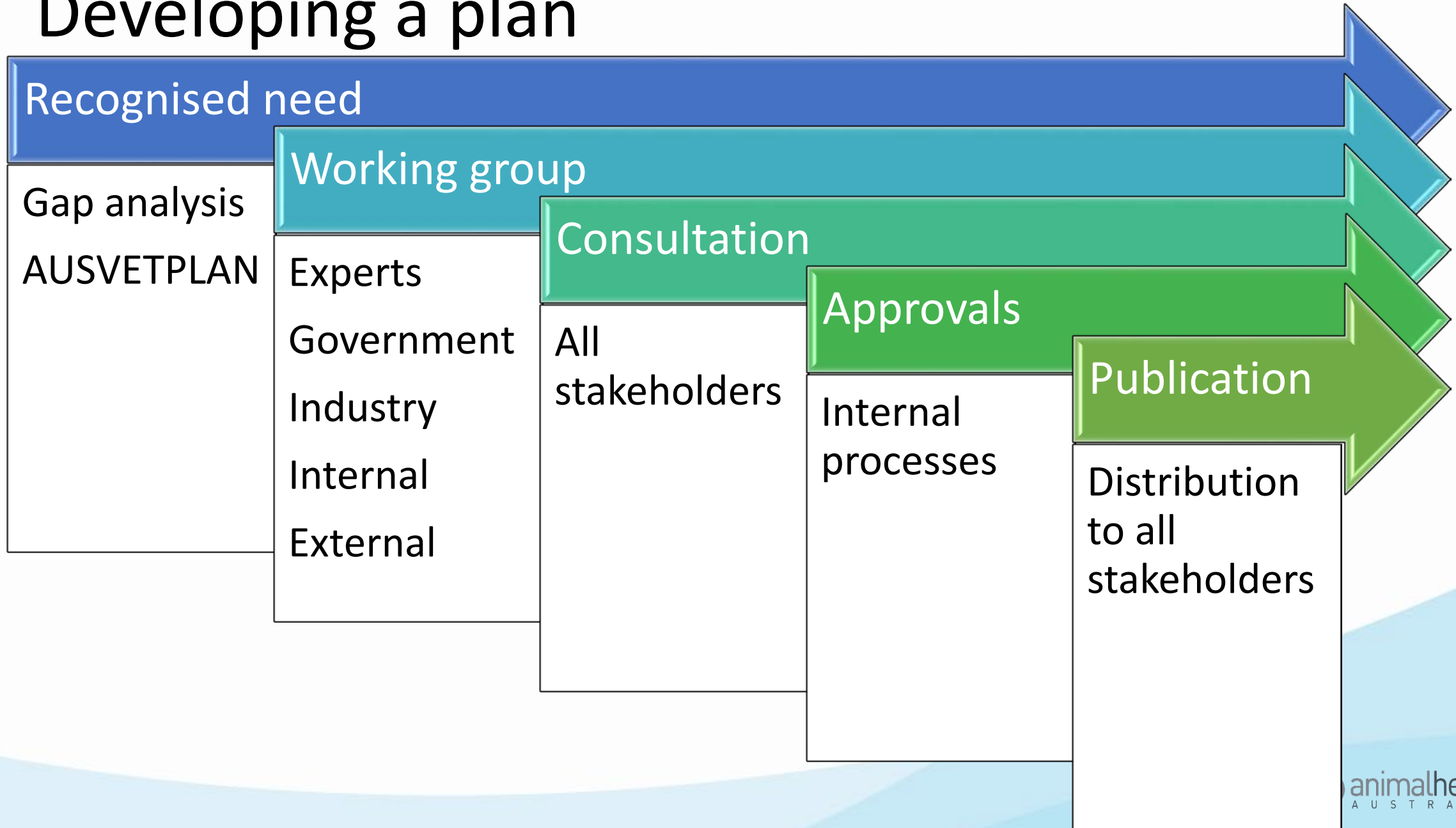
animalhealth
AUSTRALIA

Planning for response

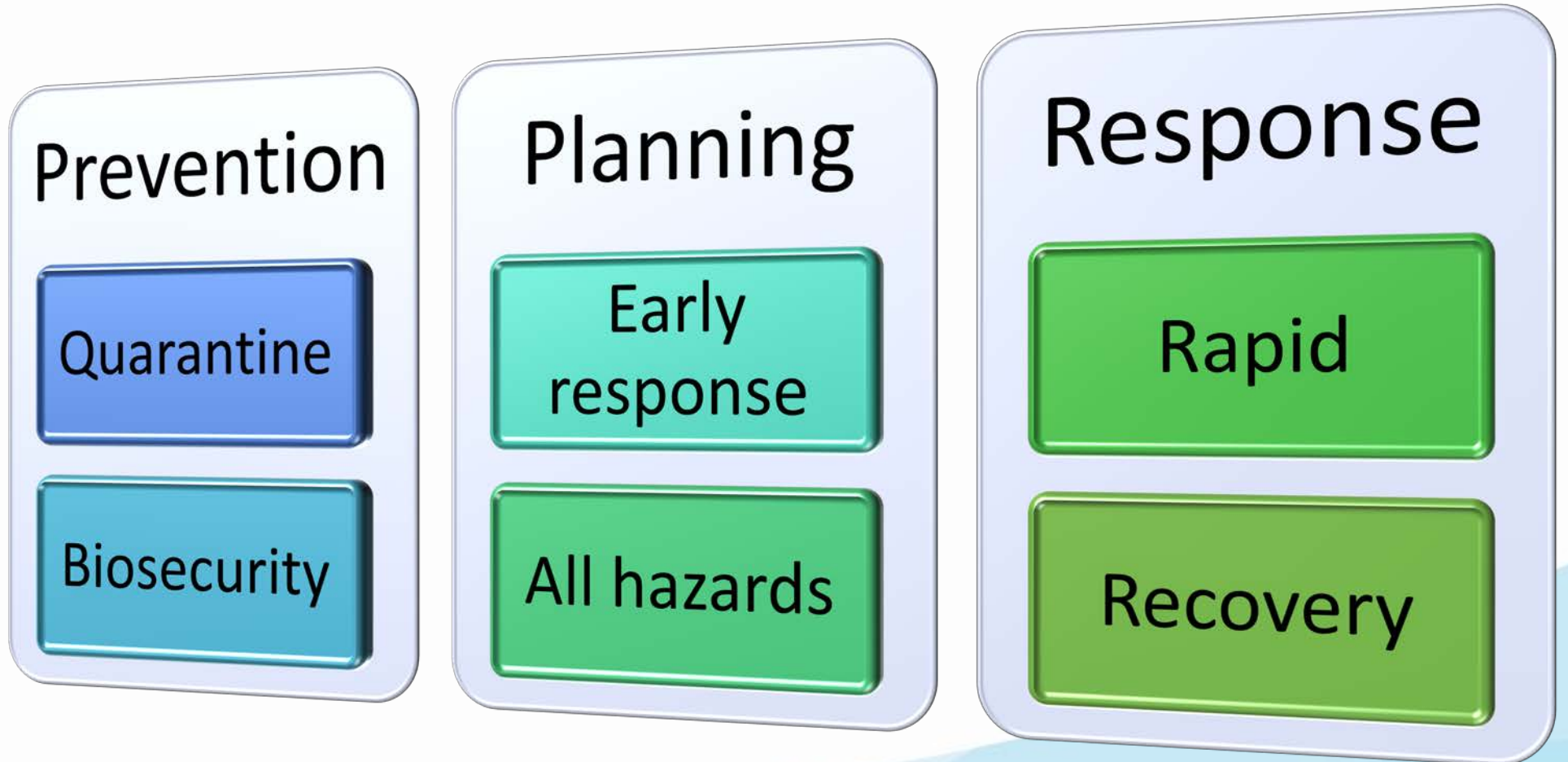***AUSVETPLAN Enterprise Manual for meat processors***

- Diseases of concern

- Risk reduction and contingency planning

- Early detection

- Training

- Quarantine

- Disposal methods

- Media and public relations.

Linked to all AUSVETPLAN manuals and support documents

animalhealth
A U S T R A L I A

Developing a plan

Recognised need
- Gap analysis
- AUSVETPLAN

Working group
- Experts
- Government
- Industry
- Internal
- External

Consultation
- All stakeholders

Approvals
- Internal processes

Publication
- Distribution to all stakeholders

animalhealth
AUSTRALIA

Summary

Questions