



- Informal meetings between representatives of animal industry RDCs
- Collaboration on report "AMS in Australian Livestock Industries, 2018"
- Collaboration on "AVAMS timeline"



1977

Penicillins, tetracyclines, aminoglycosides, cephalosporins, sulphonamides, trimethoprim, and chloramphenicol, all uses to S4, no Antibiotic Growth Promotant use permitted

1977

Chemotherapy with Antibiotics and Allied Drugs (4<sup>th</sup> Ed), NHMRC recommends volume available free to veterinary students

1960s

to widespread concern about transmissible antibiotic resistance and the possible implications of increasing use of antibiotics in medical and

1955

Chemotherapy with Antibiotics and Allied Drugs (1<sup>st</sup> Ed),

Australian Veterinary **Antimicrobial** Stewardship **Timeline** 

1987

The use of antibiotics and other drugs in the poultry industry – code of practice

1988

Expert Panel on Antibiotics (EPA) reviews all new applications for antibiotic product registration

1989

AVA establishes Therapeutics subcommittee; significant focus on antimicrobials

1989

Code of Practice for Use of Veterinary Medicines in the Pig Industry

for Veterinarians

1995

2000

Australian Health Ministers' Advisory Council established an Expert Advisory Group on Antibiotics to address the breadth of issues contained in the JETACAR report

2000

Avoparcin containing products withdrawn by

2000

response to the JETACAR report 2000

First description of antimicrobial stewardship in veterinary practice 2000

Guidelines for Veterinarians (2<sup>nd</sup> Ed)

2000

National Registration Authority establishes new risk assessment guidelines for the approval process for

2001

National Summit on **Antibiotic Resistance** (Sydney, 30-31 May 2001)

2001

EAGA / EAGAR - Expert Advisory Group on Antimicrobial Resistance

2002

Progress Report on the Implementation of the Government Response to the JETACAR Report

2003

National Drugs and Poisons Schedule Committee (NDPSC) 39th Meeting, reviewed JETACAR scheduling recommendation

2004

National Drugs and Poisons Schedule Committee (NDPSC) 40<sup>th</sup>, 41<sup>st</sup> Meetings, reviewed JETACAR scheduling recommendation

2005

Guidelines for prescribing, authorising and dispensing veterinary medicines

2012

Cheng AC, Turnidge J, Collignon P et al. Control of regulation, Australia. Emerging infectious diseases 2012;18:1453-1460

2011

AMR Summit, Sydney antibiotic-resistance-emergii -threat-public-health-urgent-call-action)

2011

AVA Guidelines for Veterinary Personal

2008

AVA Code of Practice Use of Products which Contain **Antimicrobial Agents** 

2008

Pilot survey for AMR Bacteria in Australian 2007

Antimicrobial bacteria of animal origin. Pilot surveillance program (beef, pork, chicken)

2006

A comprehensive integrated surveillance program to improve Australia's to antimicrobial resistance

2012

Ceftiofur, seventh product approved by APVMA 2013

Australasian Infectious Diseases Advisory Panel (AIDAP) Antibiotic Prescribing Detailed Guidelines 2013

Progress in the implementation of the the JETACAR

2014

2015

National Antimicrobia Resistance Strategy 2015-2019

2016

Diseases Advisory Panel (AIDAP) Practical infection control guidelines

2017

Antibiotic resistance i animals - A report for the APVMA (August

2017

resistance summit. Melbourne

Compiled by Stephen Page. Designed by Ed Hewson, TKOAH.



ANIMAL **INDUSTRIES** 

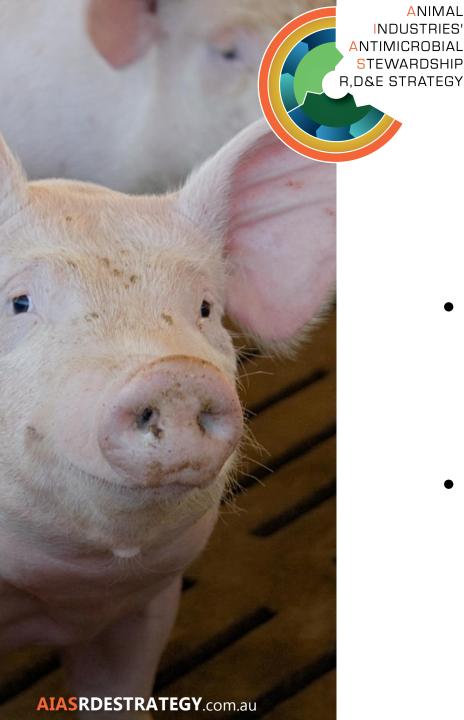
AVAMS conference 2018

 AMS-related individual industry projects (eg AVA antimicrobial prescribing guidelines)



ANIMAL

- Formal collaboration planned
- 5 funding members
  - Australian Pork LTD
  - Meat and Livestock Australia
  - Eggs Australia
  - Agrifutures Australia
  - Dairy Australia
- Workshop at AHA in 2019 to start Strategy draft



ANIMAL

- Collaborative funding of:
  - Part-time Secretariat (1.5 days/week) for 3 years
  - Jo Coombe appointed March 2020
- Bringing of AVAMS under AIAS umbrella



#### Secretariat role

- Finalise the Strategy document
- Form Steering Committee
- Write M&E framework
- Organise SC meetings
- Oversee website development
- Keep SC and wider distribution list updated with AMR/AMU/AMS news/articles/papers/events
- Stakeholder engagement
- Identify opportunities for collaboration
- Support AVAMS committee



#### The Strategy

The AIAS RD&E Strategy aims to:

'Create a collaborative mechanism for animal industries to identify common research, development and extension (RD&E) priorities for the effective monitoring of antimicrobial use (AMU) and surveillance of AMR to inform stewardship actions that meet Australia's animal health and market access needs, without impacting food safety or human health.'



#### The Steering Committee

#### Members

Dairy Australia

Australian Eggs LTD

Secretariat AIAS

Egg Farmers of Australia

Australian Chicken Meat Federation

Meat and Livestock Australia

Australian Lot Feeders' Association

Australian Dairy Farmers

Agrifutures Australia

**Australian Pork LTD** 

#### **Observers**

**Animal Medicines Australia** 

Food Safety Australia and New Zealand

Department of Health

**Australian Veterinary Association** 

Animal Health Australia

Agriculture Victoria

Department of Agriculture and Fisheries QLD

Department of Agriculture, Water and the Environment

Dep. of Primary Industries and Regional Development (WA)

NSW Department of Primary Industries

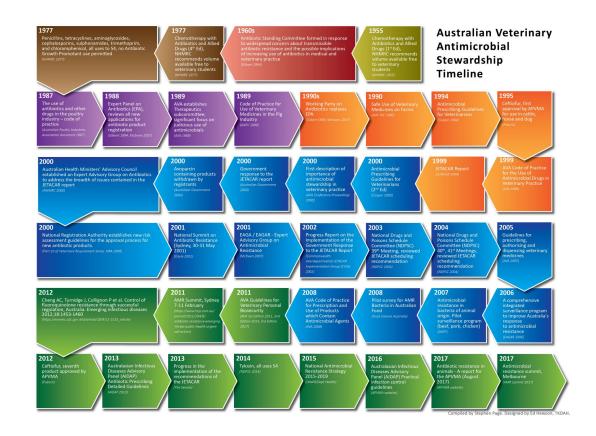
Primary Industries and Regions SA

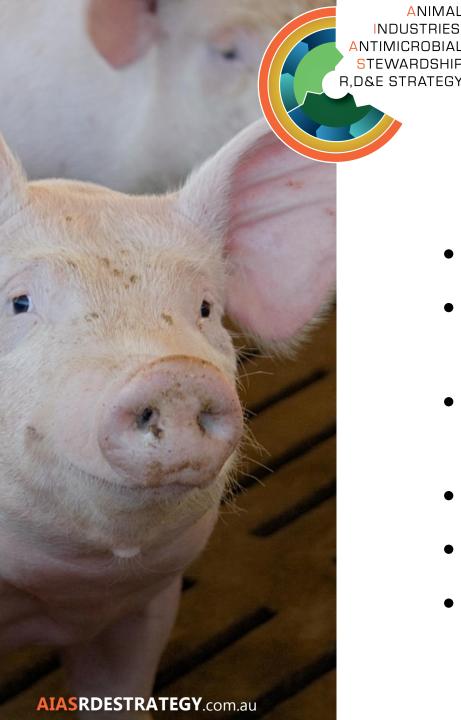
Sheep producers Australia



### Progress to date – planned projects

- Website development <u>www.aiasrdestrategy.com.au</u>
- Update to "AMS in Animal industries" report
- Update to AVAMS timeline





#### Scoping of potential future projects

- Identifying appropriate AMU metric(s)
- AMS self-assessment tool that may be used across industries
- Communication strategy relevant to all industries
- AMR surveillance
- AMR, the environment
- CBA of AMS implementation on farm



**ANIMAL** 

# Forward planning is key

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