



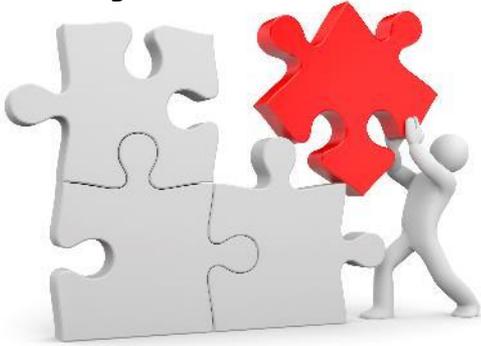
# Overview of the Canadian Animal Health Surveillance System

Update November 2016



- **Brief update** on the **Canadian Animal Health Surveillance System (CAHSS)**, collaboration on animal health surveillance in Canada
- **A look into the future**

# Why CAHSS?



Some major weaknesses in the present surveillance system in organization and decision making, and in information and data sharing.

*Surveillance in a time of transition in farmed animal health (2011)*

## ***Collaborative Governance the Best Approach:***

- Several successful components operating well
- Informal networking established through several initiatives
- Recognized need for national leadership/coordination
- Raised profile required
- Opportunity to create an environment for success
- May lead to developments in other sectors





# Canadian Animal Health Surveillance System

*Effective, Responsive, Integrated Animal Health Surveillance*

- **Federated network of networks**
  - Functioning independently but with stable connections
  - United by a common purpose and core principles
  - Guided by a common Directors Group, enabled by a Champions Group, supported by a coordinator and secretariat
  - Communal ownership of the entity
- **Encouraging innovation and creative solutions**
  - Supporting the Emergency Management Framework
  - Building from the ground up
  - Empowering members to lead
  - Ridding ourselves of limiting beliefs



# What can a *national collaboration* do that no one else can?



## Key Themes:

- 1. Advise on national animal health surveillance priorities**
  - Needs, strategies, gaps and capacity
- 2. Facilitate Data Gathering**
  - Multiple sources, untapped sources.
- 3. Help people exchange and use information**
  - Trust, lines of communications
  - Understanding needs and addressing them along the continuum
- 4. Help make information easily accessible**
  - Sharing information, analyses, reports
  - Ability to share data
- 5. Help remove artificial barriers to animal health surveillance**
  - Overcome jurisdictional issues, seamless approach to emerging or zoonotic disease, encourage bidirectional flow between public health and animal health

**Create the environment  
for collaboration on  
surveillance**

## **SO WHAT DOES CAHSS ACTUALLY DO?**

Canadian  
Animal  
Health  
Surveillance  
System



# CAHSS

**Helping to Address  
Long-standing Issues  
with Surveillance**

**Convene and facilitate  
meetings and workshops**

**Communications**

## Last year, at this time.....

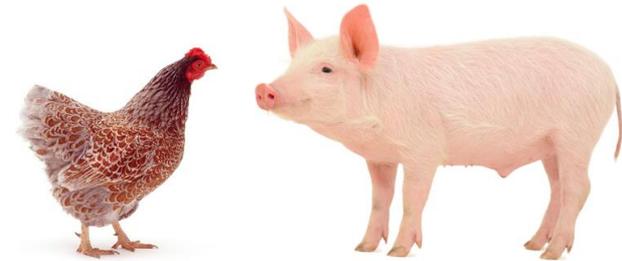
- Champions Group established, meeting regularly
- Directors Group established, meeting regularly
- Shared purpose statement developed by Directors
- Core principles completed
- Face to face meeting held with Directors
- Plans for swine and poultry workshops

*So what is new this year?*



# Swine and Poultry Network Groups

- Workshops held in February 2016, leading to high level collaborative initiatives
- Both groups agreed to form network groups under CAHSS
- For Swine:
  - Work on multiple bilateral agreements
  - Improved governance of swine surveillance
  - More effective communications
  - Defining specific surveillance needs for swine
- For Poultry:
  - Technology platform
    - CAHSS website for sharing information
  - Social Network
    - conference calls, Forum presentations and discussion on gaps
  - Trade Limiting Diseases
    - Reconvene AI meetings, consider expanding to other diseases



# CAHSS Web Site

- CAHSS web site is live at [cahss.ca](http://cahss.ca)
- Intended to be a central clearing house for all animal health surveillance activities in Canada
- Public site contains information on CAHSS and public information and links for surveillance
- Private site for CAHSS members to exchange information with each other



# Developmental Work - Requirements for Surveillance Data

- Draft document on integration and interoperability of animal health surveillance data and data systems
  - Desired attributes
  - Evaluation framework
- Pilot project to apply the evaluation framework to some currently existing surveillance data sources (B. McNab)
- Training on needs analysis for bottom up integrated data systems
- Business case under development to look at integrated data systems



# Antimicrobial Use (AMU) Surveillance

- Producer-oriented workshop
  - Workshop purpose to explore the role of producers and producer associations in AMU surveillance
  - Shared Purpose Statement
    - AMU surveillance is necessary to inform decision-making to objectively address AMU stewardship and to maintain public trust in the sustainable production of safe and affordable food from humanely-raised animals*
  - Decision to collectively proceed with discussions, led by CIPARS, to develop a minimum data set; commodity groups will determine how to obtain the data and share it with CIPARS for their analysis and reporting
- AMU Roadmap
  - Led by AAFC in consultation with CAHSS
  - Complementary to the AMU surveillance workshop, the roadmap will engage all stakeholders (producers, veterinarians, feed industry, government) in determining ways and means to enhance data sharing with CIPARS



# Equine Surveillance Workshop

- Equine Surveillance Workshop, co-hosted by Equestrian Canada, was held Nov 3 and 4, 2016
- Purpose was to bring together a very diverse industry and government representatives to identify needs, strategies and next steps for equine surveillance
- Shared Purpose:  
*An effective equine surveillance system will protect the health and well-being of horses, other equines and humans, safeguard the Canadian herd and permit movement and continuance of trade, thereby ensuring the prosperity of Canada's equine industry.*
- A network group is being formed to help implement identified key priorities, such as:
  - Sharing information on reportable and notifiable diseases; list of equine contacts
  - Explore funding options for equine surveillance, identify potential projects, initiatives
  - Prepare case definitions for diseases of interest
  - Look at mapping options for disease outbreaks
  - Organize summit of decision-makers in equine sector to garner support
- First meeting of this network group to take place by early Dec



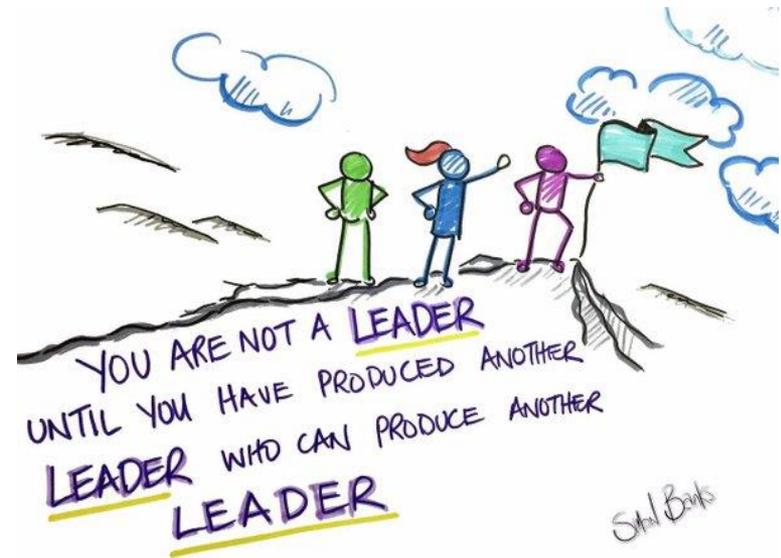
# CAHSS Business Case and Plans

- Draft CAHSS Business Case prepared, ready for final review by Directors
- Project Plan under construction
- Key priorities (medium and long term) identified by Directors, shared with Champions
  - Build strong functioning network groups, clear ownership by FPT and industry
  - Create strong linkages and develop trust among networks and commodity groups, clear role for NFAHWC in supporting CAHSS
  - Obtain sustainable core funding to support base operations of CAHSS
  - Develop standards for data quality and sharing
  - Pilot integrated data systems, incorporating existing, underutilized data
  - Strategic planning, business plan development
  - Identify surveillance gaps and develop action plan, next steps, tangible outcomes
  - Communicate, communicate, communicate
  - Longer term: integrated animal health surveillance data systems, analysis and reporting; investment in evidence-based surveillance; international networking; One Health, coordinate with other networks



# Looking ahead.....

- Dairy Cattle Workshop (early 2017)
- Wildlife – Antimicrobial resistance surveillance workshop (spring)
- Communications
- Priority setting exercise
- Long term planning
- Data standardization
- Integrated data systems
- Leadership development





# Thank you

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[cahss.ca](http://cahss.ca)