

 Canadian Food Inspection Agency / Agence canadienne d'inspection des aliments

Agriculture / Agri-Food Sector AMR Engagement Update

National Farmed Animal Health and Welfare Council
Presenter: Dr. Aline Dimitri, ED-DCFSO
November 27-28, 2018



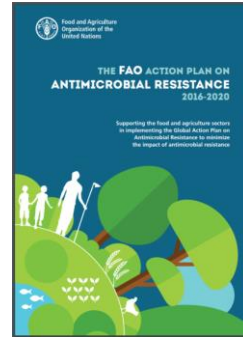
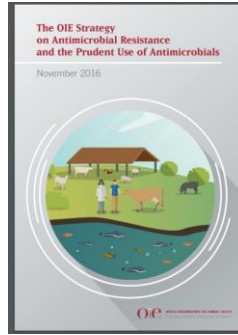
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Purpose

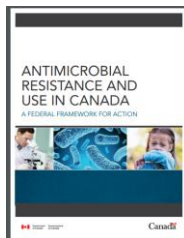
- To inform and engage with the National Farmed Animal Health and Welfare Council on CFIA's engagement with producer stakeholders, provincial and territorial partners, and others as part of the Pan-Canadian Action Plan (PCAP) development.

Current International Landscape

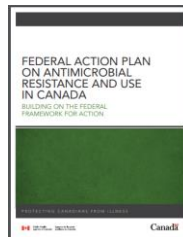


Canada's Actions on AMR

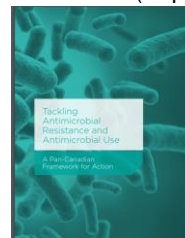
Released a *Federal Framework for Action* (October 2014)



Released the *Federal Action Plan* (March 2015)



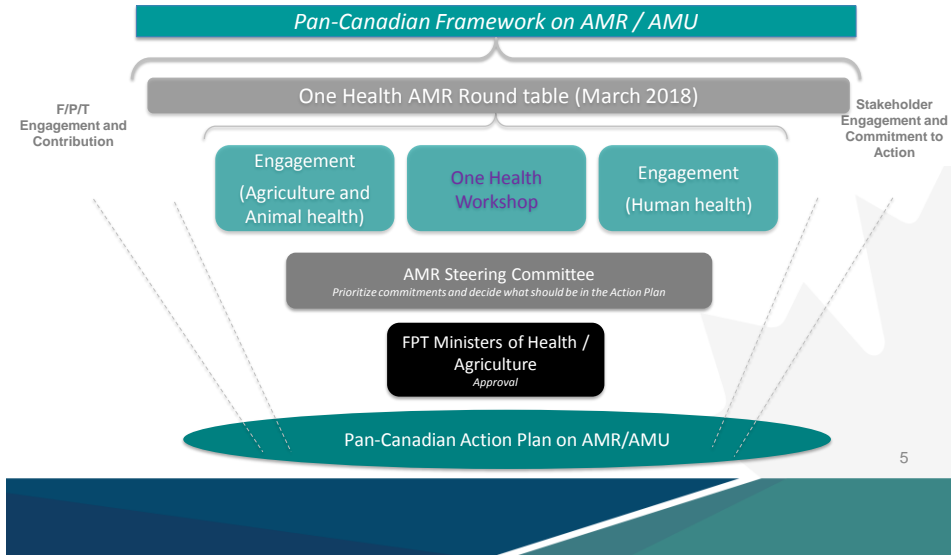
Released the *Pan-Canadian Framework* (September 2017)



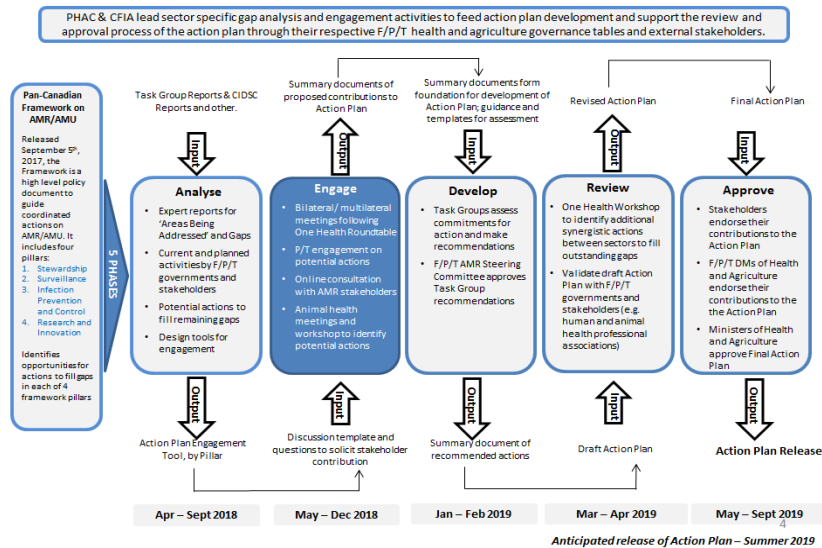
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Pan-Canadian Action Plan

Approach for Developing the Pan-Canadian Action Plan



The Development Process



Global Gaps Identified at the One Health Roundtable

Data

- Significant progress has been made in collecting surveillance data, but some gaps still remain to be filled to enable benchmarking and tracking of stewardship and IPC efforts. There is an almost total lack of data on the economic impact of AMU and AMR across the sector.

Raising Awareness

- Messaging across the sector and among sectors needs to be consistent and we must raise awareness among politicians and the public to drive change.

Antimicrobial stewardship

- A gradual change in behavior across the sector is needed to optimize antibiotic use and implement alternatives.

Enabling Innovation

- If antibiotic use is curtailed, viable alternatives must be available and approved for use. Many regulatory and practical barriers exist to the adoption of new interventions.

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Potential Areas of Action from One Health Roundtable

Data



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- Build a national information hub
- Expand CIPARS data
- Engage the whole community in consistent data collection
- Conduct risk assessments to guide actions
- Provide sustainable support for GRDI

Raising Awareness



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- Obtain consistent data relevant to commodity groups
- Create multi-sector working groups
- Develop a communications strategy for the public

Antimicrobial Stewardship



- Develop a shared vision across sectors
- Encourage a voluntary reduction in the prophylactic use of antibiotics
- Do a cost/benefit analysis of the impact of AMR and relative cost of alternatives to antibiotics

Enabling innovation



- Invest in more research on viable and practical alternatives to antibiotics
- Convene a summit to address regulatory barriers with regulatory bodies

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Gap analysis

- Using available information, a comprehensive gap analysis has been conducted and several key areas for action have been identified:
 - Raising awareness
 - Shared vision among sectors
 - Enabling innovation
 - Enhanced surveillance and linkage with stewardship programs

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Stakeholder consultation meetings held to date



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Preliminary results

- The meetings have been very positive with commitments to collaborate as the development of the PCAP moves forward.
- Communications has been identified as the most single important challenge.
- Many stakeholders have expressed the importance of keeping all parties up to date as we move forward in this process.
- Several actions / initiatives have been identified and have been included in an inventory of all potential actions as the consultation moves forward.

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Potential Areas of focus

- Better data management and sharing
- Greater access to veterinarians
- Effectively sharing best practices.
- Vaccination programs

- Research coordination
- Information exchange hub
- Education
- Better mechanisms to bring the results of research to market.

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Drafting of Action Plan

- Four Task Groups – surveillance, stewardship, infection prevention and control, research and innovation – initiating their analysis to:
 - Validate and prioritize actions (based on previous work and results of initial stakeholder engagements)
 - Write actions in tangible and measurable way
 - Propose timelines (and success factors) for each action
 - Propose performance indicators
 - Propose action leads and partners

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Next Steps

Timelines	Milestones
End of December 2018	<ul style="list-style-type: none"> • Finalize bilateral engagement • Identify areas or multilateral engagements
January to May 2019	<ul style="list-style-type: none"> • Multilateral and online engagement
January 2019	<ul style="list-style-type: none"> • Draft action plan
January to March 2019	<ul style="list-style-type: none"> • Engage and validate draft action plan
May 2019	<ul style="list-style-type: none"> • One Health Workshop
June to September 2019	<ul style="list-style-type: none"> • Reviewing, validating and approving draft action plan

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Questions for Consideration

1. What should be considered as we move forward in the development of the Pan-Canadian Action Plan?
2. What are critical elements to be included in the Pan-Canadian Action Plan?
3. How can the NFAHWC play a role in the development and implementation of the Pan-Canadian Action Plan?

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Questions/Comments?

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