

AMU - Québec

NFAHW

November 2018

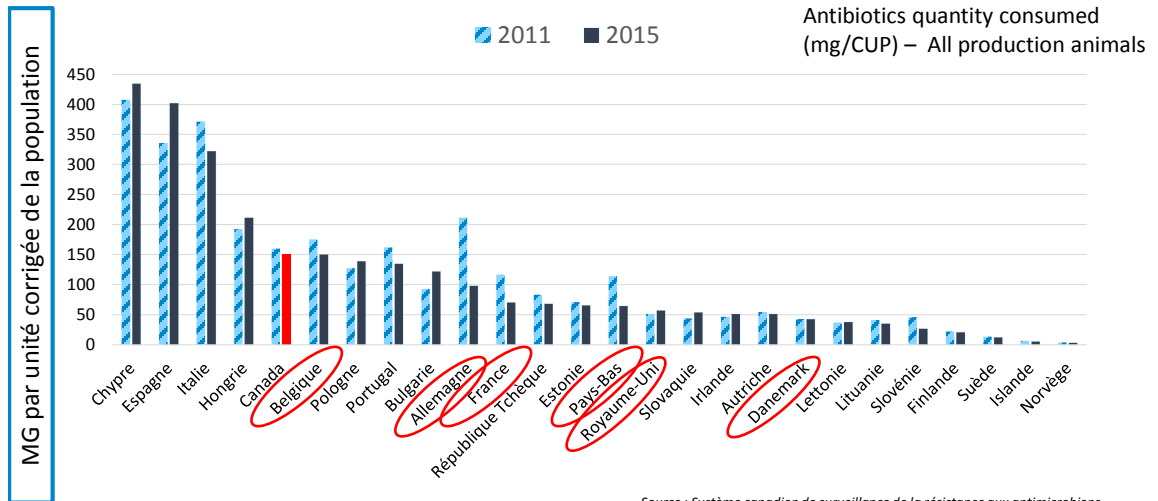
Raphaël Bertinotti,

Directeur service santé, qualité, recherche & développement
Les Éleveurs de porcs du Québec

Coordonnateur comité des maladies endémiques porcines de
EQSP

- Les Éleveurs de porcs du Québec :
 - ✓ Pig producers organisation in Quebec – mandatory levy
 - ✓ 2800 pig producers – 600 owning pigs
 - ✓ 7 Million pigs marketed per year
- Quebec pork production :
 - ✓ A full chain production system (pigs are slaughtered in Quebec)
 - ✓ By law, slaughterhouses and producers have to define their economic relationship for a certain period of time
 - ✓ More than 70% of pork is exported outside Canada (USA, Japan, China) : highest dependency on exports worldwide
 - ✓ Value of pork exports : 1.68 G\$ (2017)
 - ✓ In the 10 most exported products in Quebec (2017, more than hydro)

Comparison with other countries



Presentation messages

This is an issue that rely on pig producers, that they take seriously and that we have been working on for a number of years: we are the first province to set a target of AMU reduction in pig production

This is an example of good cooperation within the Quebec pork sector: we try to create value together

We are working to share the value created to be able to invest in solutions on our farms (antibiotics, welfare).

Why be pro-active?

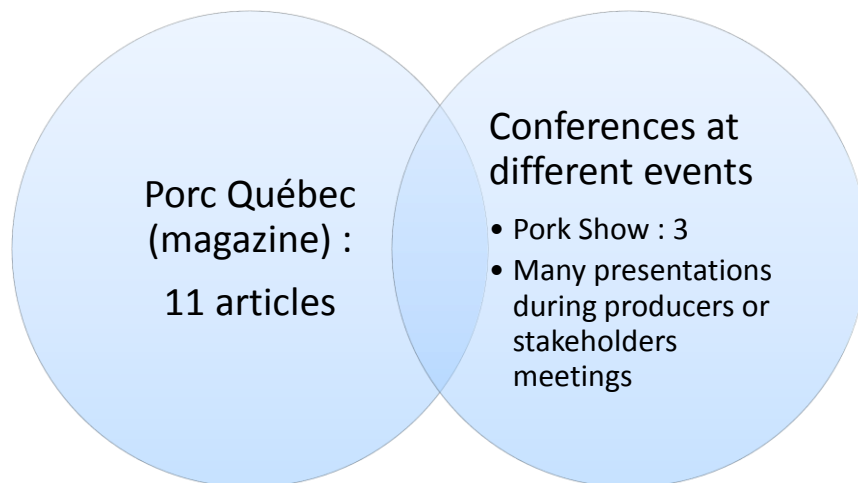
Social responsibility (public trust) : important for us as pig producers (in 2014, les Éleveurs were the first agricultural organization to produce a social responsibility report)

It takes time :

- To change mindset of the industry
- To find solutions, alternatives
- Economic reality to be able to invest in those solutions

5

Things done since 2013 : raise awareness

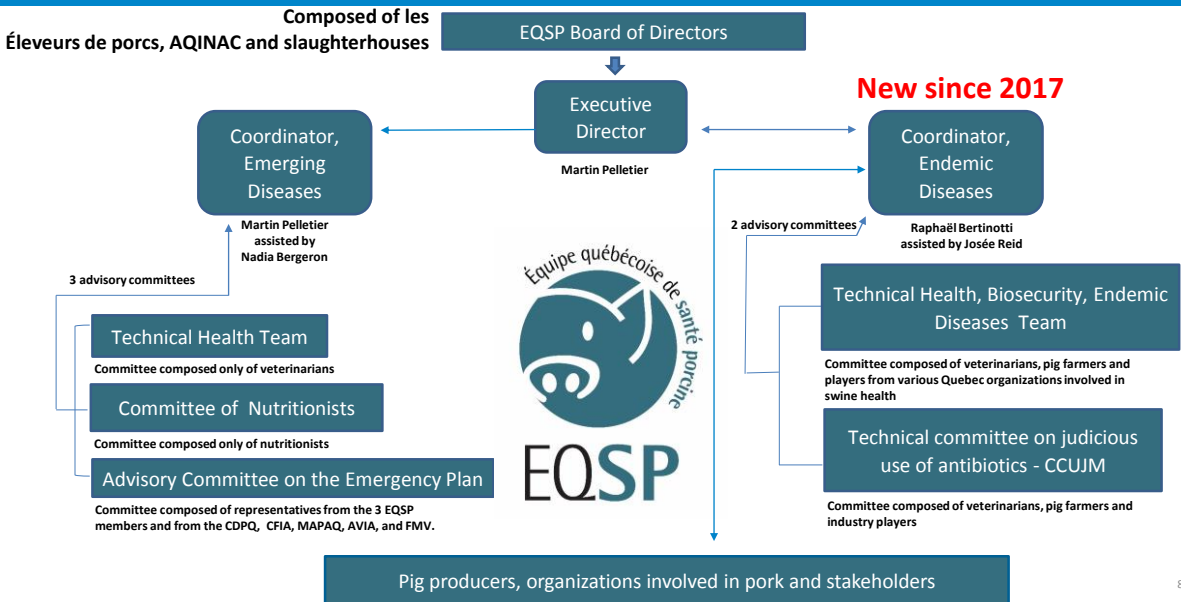


6

Projects done in the past years

Projects	Date
1. Study of the current use of antibiotics in pork production in Quebec in grow to finish pigs	December 2006
2. Monitoring of the use of antibiotics in feed in Quebec in grow to finish pigs (2013 data)	January 2014
3. Raise awareness : training program on the judicious use of antibiotics for producers and technicians to ensure a better understanding of antibiotic categories <ul style="list-style-type: none"> • 7 training sessions • 150 participants 	August 2017
4. Development of a mobile monitoring tool to evaluate the use of antibiotics (feed, water, injectable) in all production stages on 110 farms = 47% reduction in usage (days of use in feed for grow-finish pigs since 2013)	March 2018

7



8

AMU : discussion at EQSP since end of 2017

Publication of Chicken Farmers of Canada's position (elimination of preventative use of category 2 drugs by the end of 2018 and possibly category 3 by the end of 2019)

EQSP gave the mandate to a technical committee

- ✓ Is there any possibility of a position on the use of antibiotics similar to what Chicken Farmers of Canada have taken?

9

Decision : a reduction target

**Overall 20%
reduction of the use
of antimicrobials by
2020 from 2016**

- Credible = **less** use of antimicrobials
- Flexible = no ban on use (**buy-in**)
- Realistic = after validation and consultation of producers and veterinarians (data 2016)
- Objective of using category 1 drugs as a last resort = **better** use
- Reduction in the use of routine antimicrobial drugs (especially preventative)
- Public trust = we are making efforts
- Support research and development in this area

10

How to achieve the target

Improve and maintain health

Support our farmers - a specific project (300K\$ over 3 years – 2019-2021):

- Best practices (solutions), individual support for our farmers
- Usage monitoring in 2020 on more than 200 sites

Continue to invest in R&D

11

Strengths and opportunities

Pigs have a longer life than chickens

Prescriptions have been mandatory in QC for 30 years : target might be an easier step than for other provinces

Our engagement in a social responsibility project : farmers are prouder (recognition) and feel engaged

Challenge is well known in our QC industry by all stakeholders (awareness worked + pesticides etc.)

A good collaboration in an industry that deeply relies on exports : a willingness to create value together

A good collaboration with our provincial government (MAPAQ) : vision aligned = create value (bio-food policy of QC)

A federal government that seems to take decision based on science first

R&D : better use, alternatives (products), practices (adjustments), new technologies (precision feeding, IR camera etc.)

12

Barriers and challenges

Withdrawal periods for some drugs (ex : ceftiofur)

Low profitability of pig production : a need for a better share of the value created to invest in solutions

Quicker access to solutions (vaccines, alternatives)

Potential increase in regulations :

- Access to drugs = increase the cost
- Difficult regulations to follow

Emotion versus science (society) :

- Loss of good solutions (regression)

Drug licence system seems disconnected from best practices or at least complicates communication (ELDU)

13

Conclusion

Quebec pig producers are concerned about the challenge

Quebec pig producers will reach the industry target with the right support and value sharing

A Canadian challenge, not just a provincial one

14

