


Ontario Swine Incident Command Centre



ONTARIO PORK





Action Coordination: Ontario Swine Incident Command Centre (OSICC)

OSICC

- Swine Health Ontario
- OPIC
- Ontario Pork

Coordinated response to large scale incidents

- Foreign animal disease
- Market interruptions

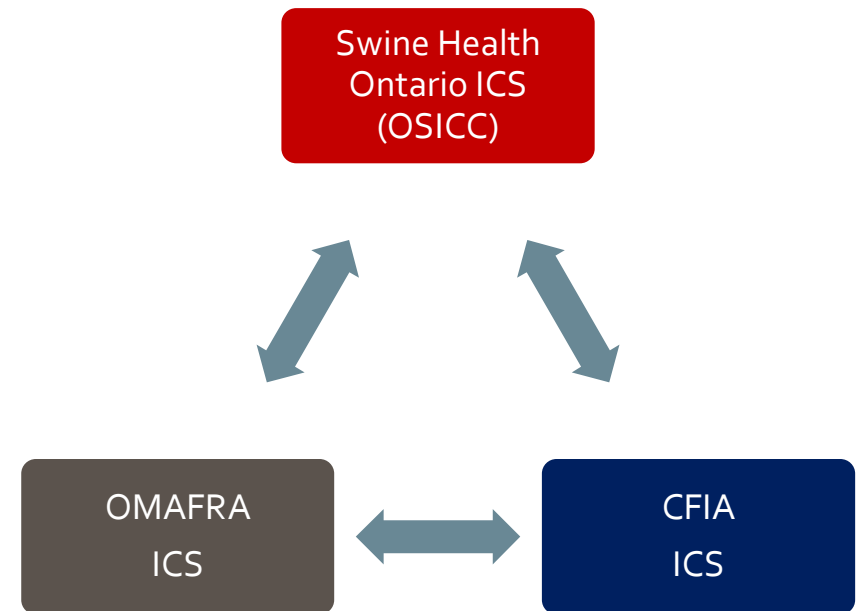
Based on Incident Management System structure

- Coordinated responses with external entities (OMAFRA, CFIA)



Incident Management

- Incident Command Structure (ICS) allows all organizations to work together to achieve the same goal:
 - Prevents duplication of tasks/efforts
 - Efficient use of resources
 - Provides a platform for communication
 - Provides a common organizational structure
 - Provides co-ordination for response efforts
 - Incorporates a risk-based approach to decision making



Communication campaigns

Small producers

- Manual and information sheets
- Online and social media education campaign

Commercial producers

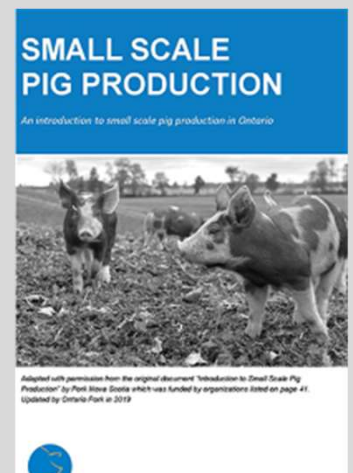
- Website, email and mail updates
- Emergency Response Binder: FAD update
- In-barn resources: No Meat in Barns (5 languages)

Retail and Food Service:

- Education resources and outreach: Don't feed food scraps

General public

- Amplifying CFIA/CBSA message about risks of importing meat





On-Farm Emergency Plans Objectives

Assist producers with:

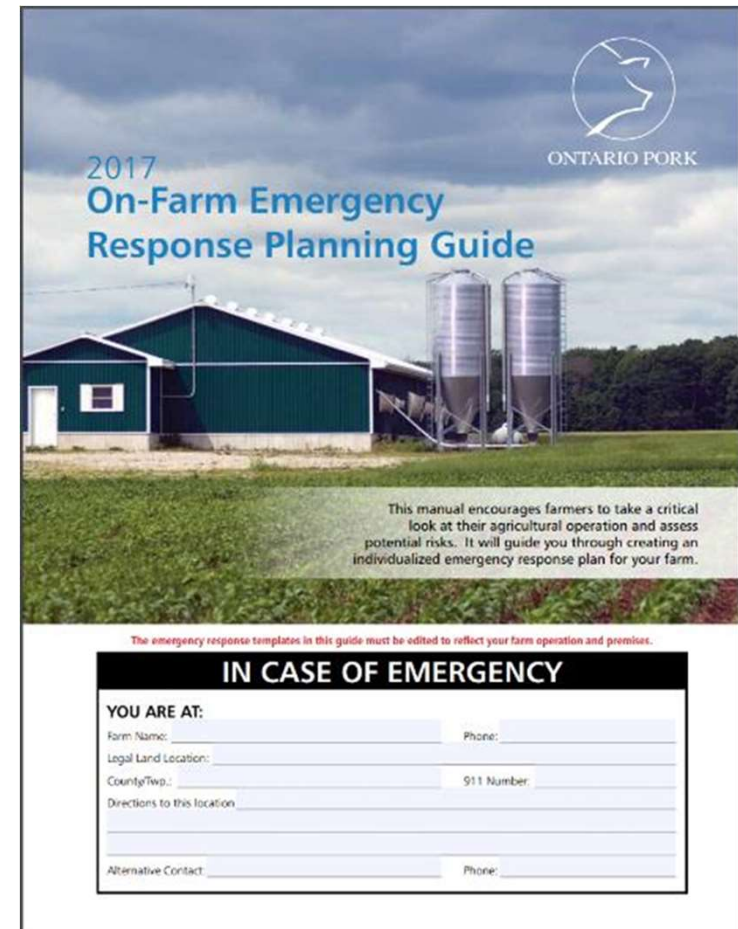
Planning for how to manage a major market interruption on their farm

Filling out the foreign animal disease section of Ontario Pork's On-Farm Emergency Response Planning Guide

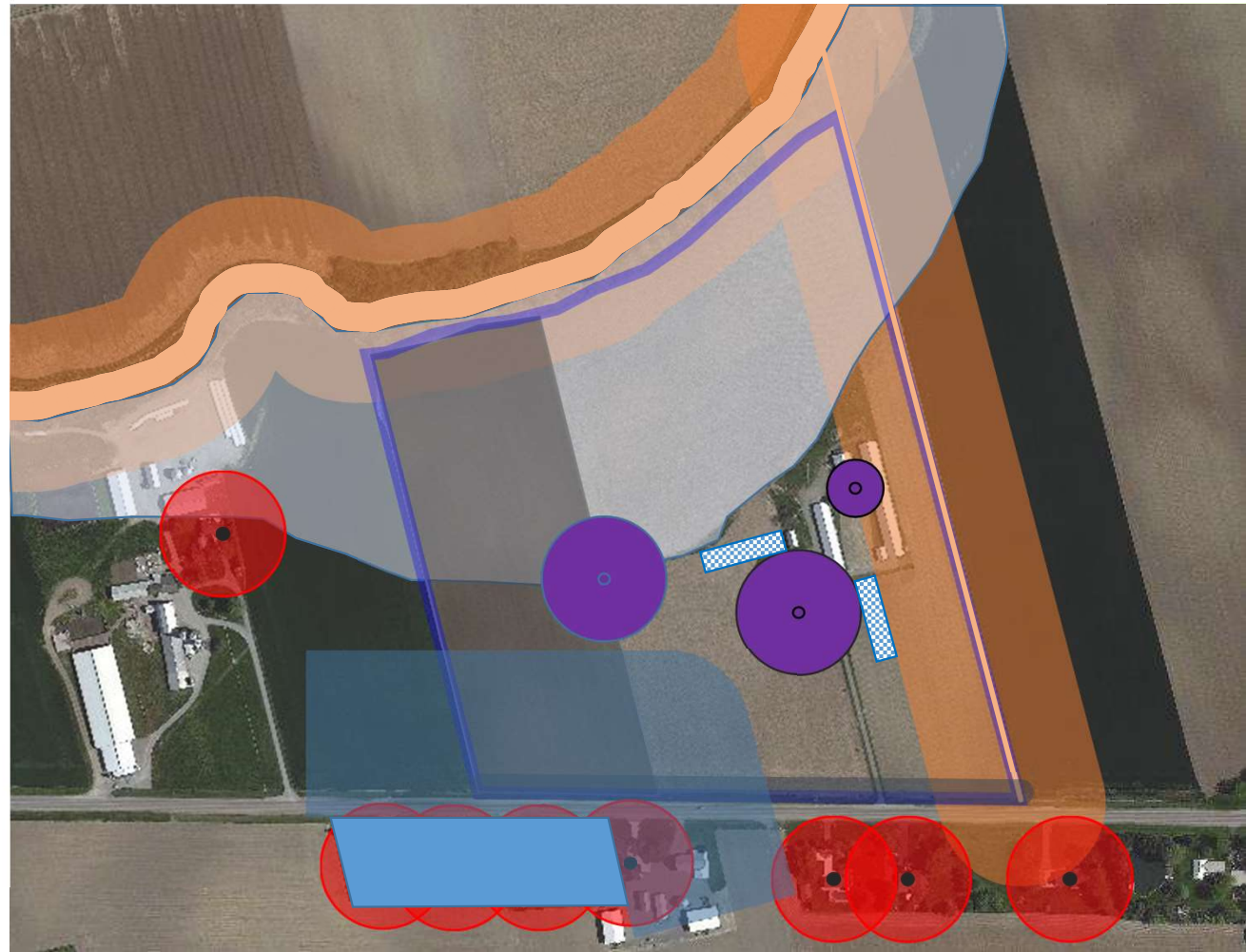
Developing site maps with all major components identified

Determining estimated burial and compost capacities on farm

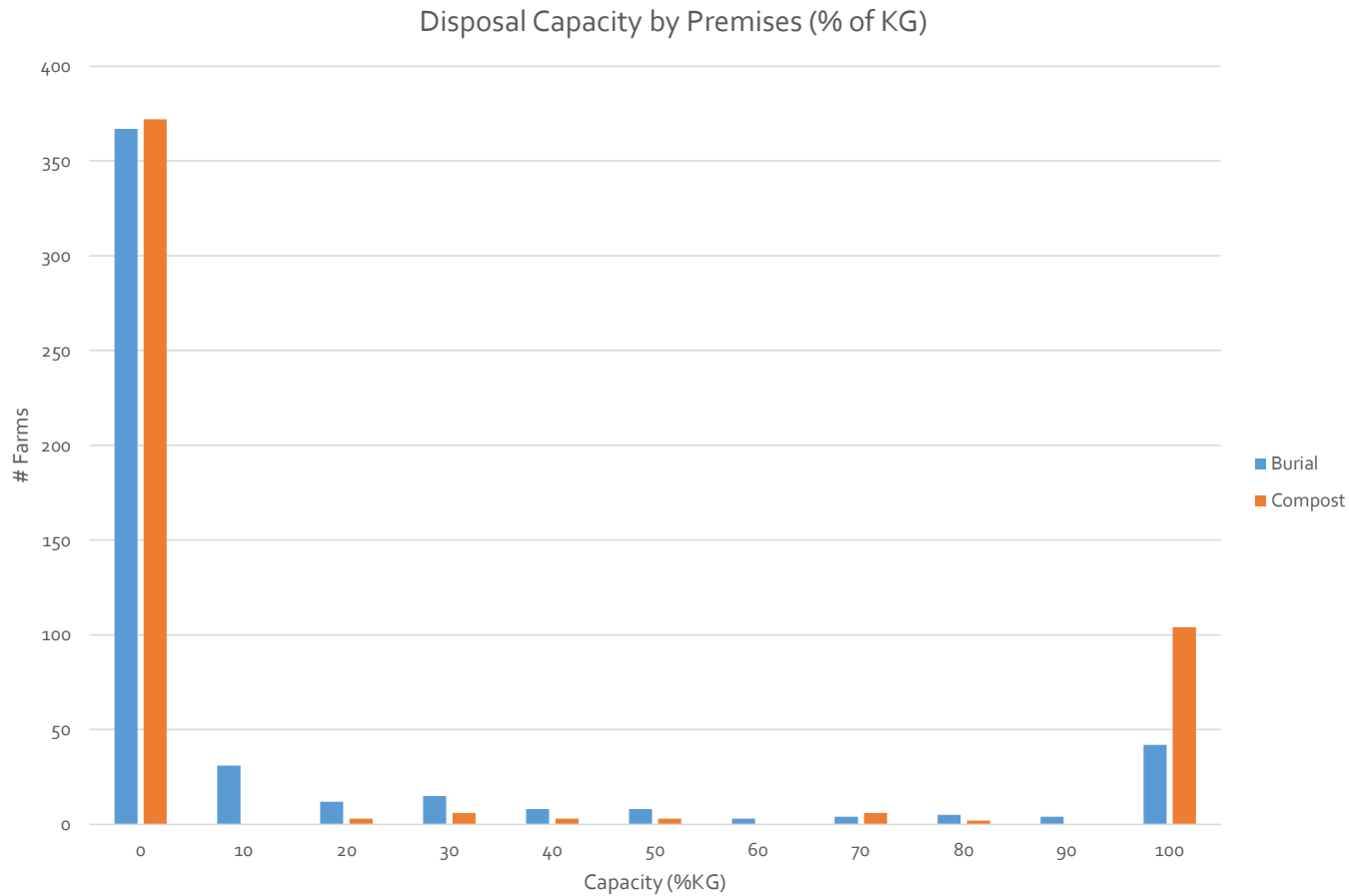
Uploading the files to Ontario Pork's information system for quick reference in an emergency



200m setback to residential area



Emergency Farm Plans Project to Date





Emergency Farm Plans Project to Date

Total Plans Completed to Date (Oct 2023)	507*
% of Provinces Sows Covered under a Plan	28.11%
% of Total Premises Completed (not including Hobby Premises)	21.13%

**Another ~100+ premises plans have the meeting done, pending completion of the final documents*



Mapping Capabilities - OSICC



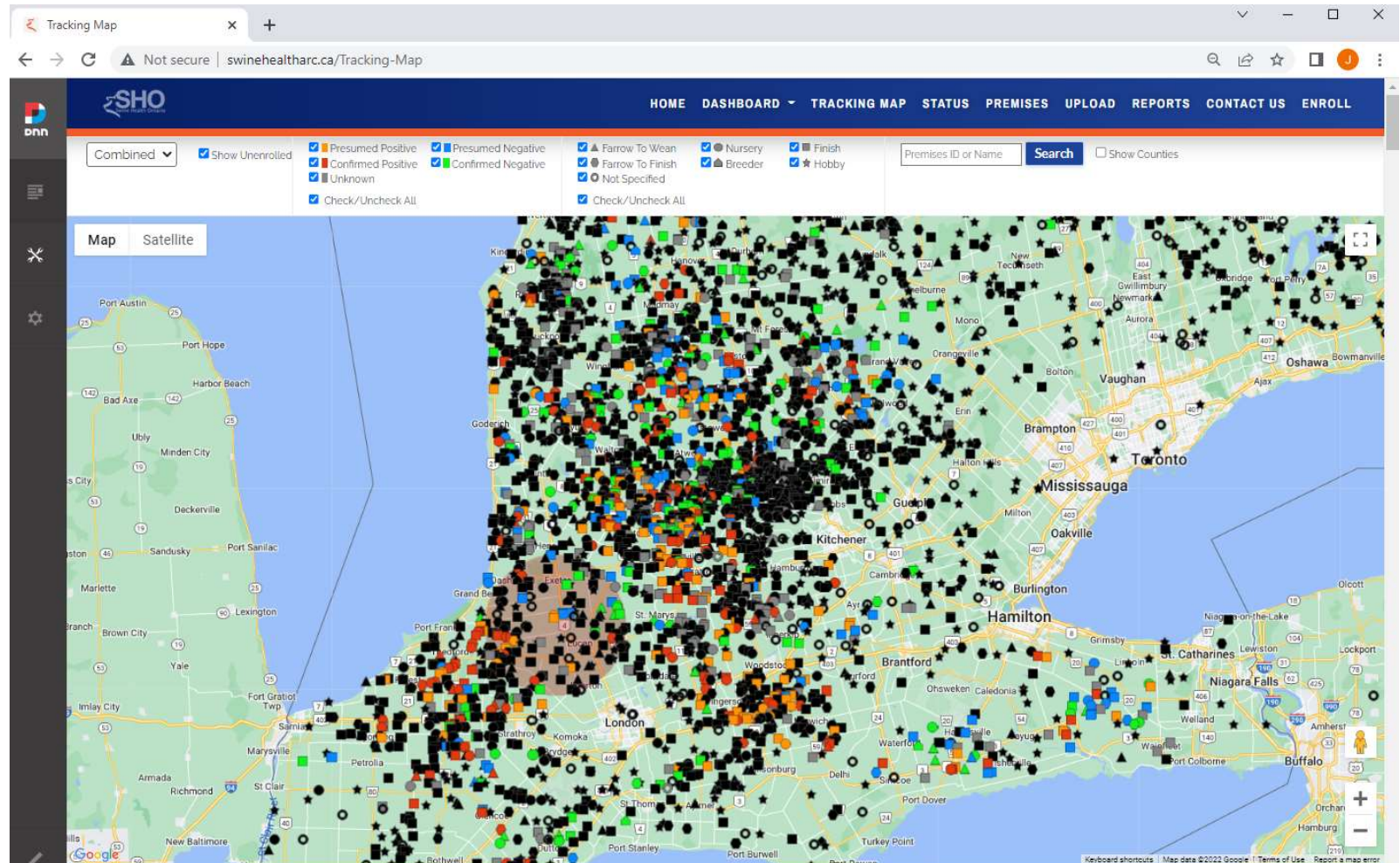
During a foreign animal disease, SHARC can be used to map all sites, including hobby farms

Radius map any distance from any premises and multiple premises concurrently

Add polygons to indicate controlled areas based on roads

Publish select shapes to live site for enrolled producers; utilize images for wider communications

Mapping Capabilities





Traceback

Ontario Pork now has access to **PigTrace**

- Now movement data can be incorporated into a movement history for a premises

Producers can report market hog movements through Ontario Pork to PigTrace

- Ontario Pork uses OPUS to verify information before reporting up

AgManifest allows producers to provide movement for all animals including weaner and feeder pigs

- For participating producers this increases data integrity
- ~300 users



Market Interruption

Provide immediate information to producers to make decisions and to take actions

Programs must have clear rules and objectives so producers can make decisions and maintain access to credit

Reduce the number of market ready animals quickly and efficiently to match the domestic market

Allow producers who need to exit a pathway out of industry

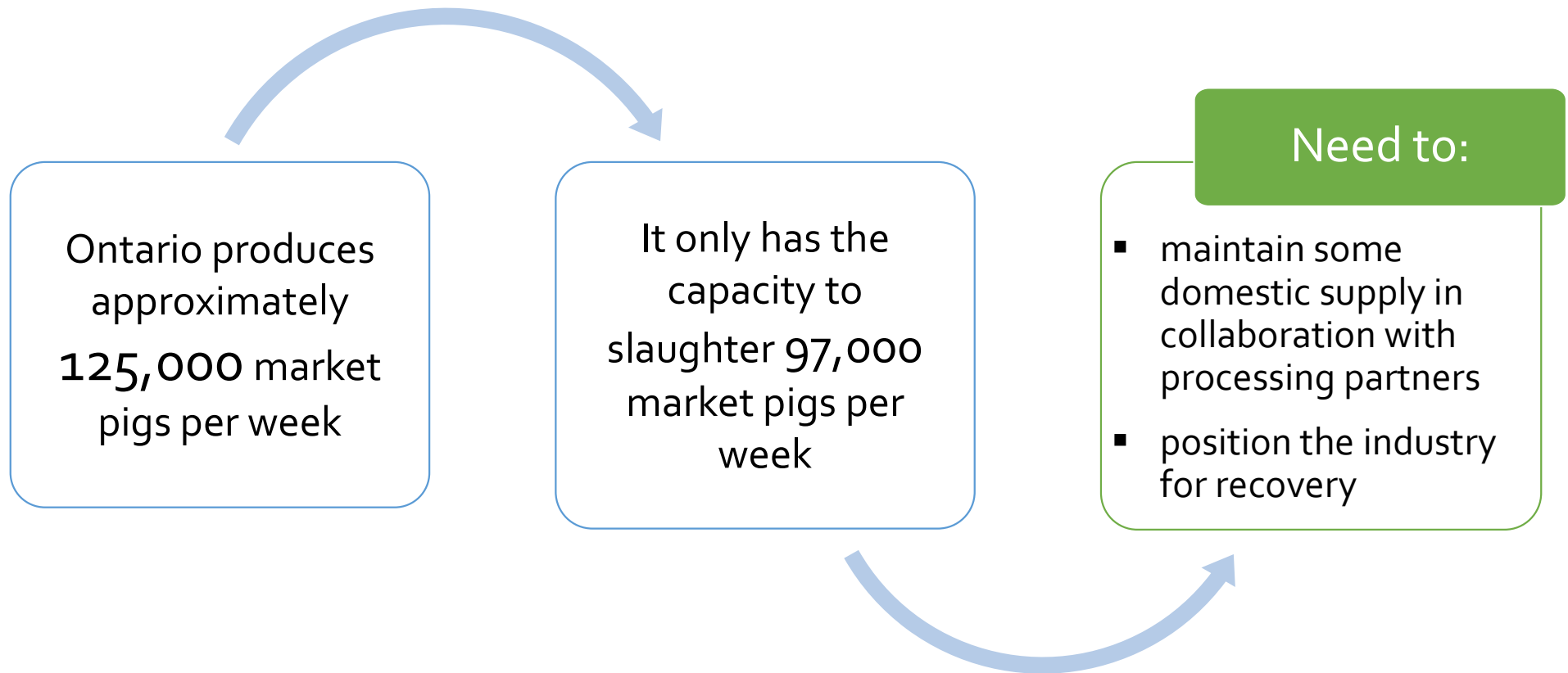
Contain or eradicate the disease in a way that allows export markets to reopen

Protect infrastructure so that the herd can be rapidly rebuilt when markets reopen





Pig Reduction Modelling





Primal Cuts Based on Herd Size

Sow Herd Size (head)	116,000	115,000	114,000	113,000	112,000
Pigs Entering Finisher (head)	57,077	56,658	56,133	55,674	55,175
Pigs Entering Abattoirs (head)	55,762	55,326	54,827	54,351	53,883
Pork Belly (MT)	1,009.5	1,001.6	992.4	983.8	975.2
Pork Butt (MT)	669.6	663.7	658.1	652.4	646.5
Ham (MT)	1,466.2	1,455.0	1,441.6	1,429.2	1,417.0
Pork Loin (MT)	1,311.7	1,302.4	1,290.2	1,278.8	1,267.8
Picnic (MT)	599.9	595.7	590.0	585.2	580.7
Pork Rib (MT)	255.1	253.0	251.0	248.4	246.3
Domestic Pork Available (MT)	5,312.1	5,271.3	5,223.2	5,177.8	5,133.5
+/- Current Demand (kgs)	+ 125,791	+ 85,053	+ 36,963	- 8,508	- 52,780

Current Ontario Pork Consumption = 5,186.3 MT/week



Euthanasia

Development of, and investment, in euthanasia tools

Partnering with processing plants

Emergency mobile euthanasia units

Captive bolts

Primary Considerations

- Animal Welfare
- Human Welfare
- Worker Safety

Other Considerations

- Animal Flow & Priorities
- Cost
- Ease of Use
- Public Perception



Disposal

Rendering

- Capacity is variable and not likely to be main option despite being optimal choice
 - Market conditions
 - Other commodities
- Will be prioritized for pigs going through processors
- Rendering companies are willing to collaborate

Landfills

- Some landfills offer an already approved, regulated and inspected disposal option
- Cost, access and limits on willingness can be significant factors
- Several private landfills have been identified and willing to work with us during a FAD or market interruption event

On-Farm Burial & Composting

- Producers are responsible for determining their own on-farm capacities in accordance with Provincial regulations
 - Planning help available through On-Farm Emergency Plan Project
- On-Farm Composting:
 - Substrate availability
 - Regulatory limits to site capacity and location
- On-Farm Burial:
 - Regulatory limits to site capacity and location
 - May be required for ASF+ carcasses

Above Ground Burial

- Not currently an option within Ontario's regulations
- Research trial being conducted by U of G Ridgetown to assess feasibility for Ontario
- Has been researched and works well in warmer climates

What's next

Four projects approved

Four projects being reviewed for submission

Identifying active hobby farms through provincial abattoirs

Working with government on market interruption program

Planning simulations

Building industry capacity (meeting with industry partners)

Plant welfare slaughter retrofit

Mental health initiatives

Acquiring PPE

Cleaning and disinfecting