



Thoughts on wild pig coordination in Canada

Wayne Lees

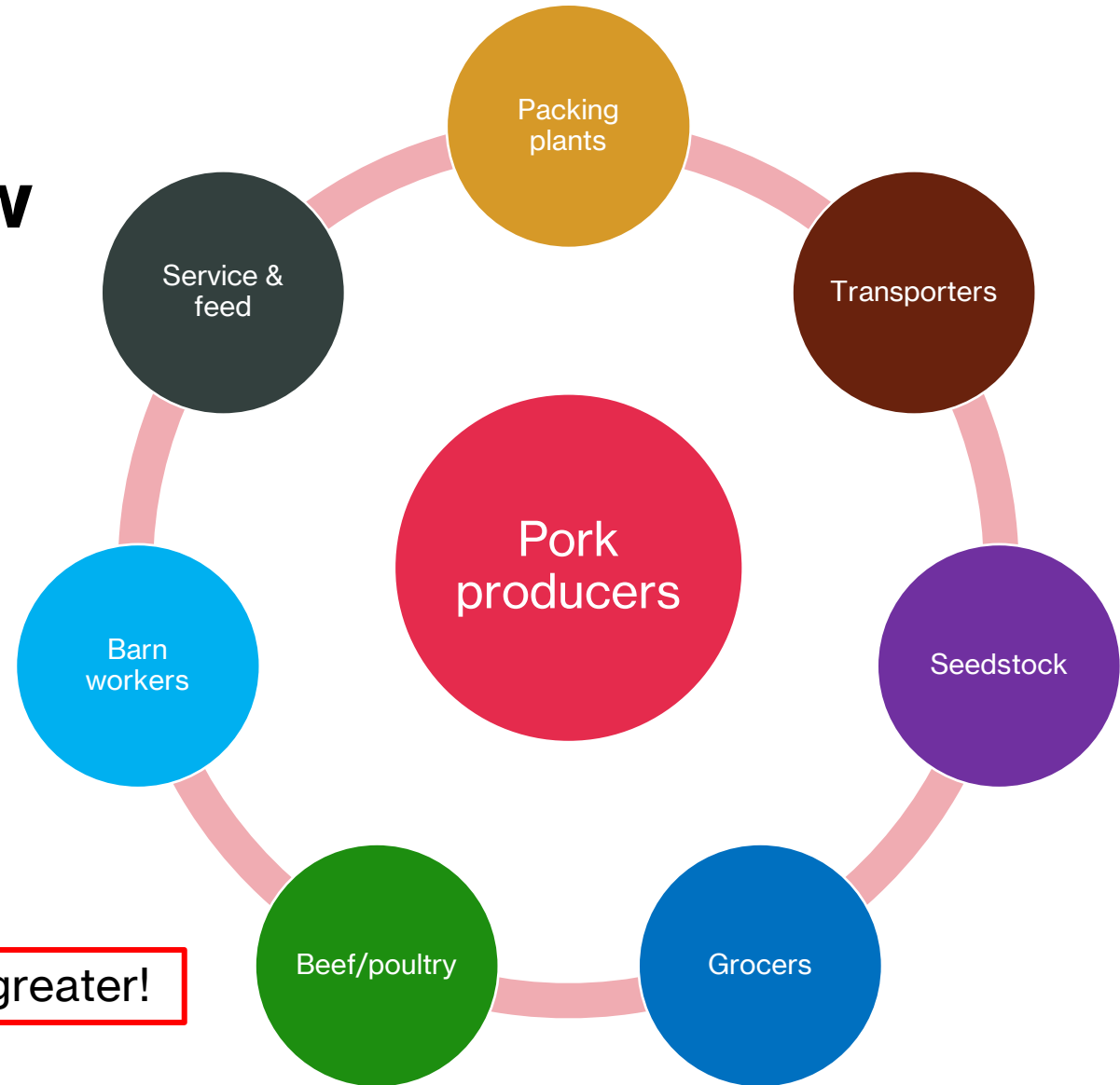
Squeal on Pigs Manitoba

ASF-EMB Ottawa March 28, 2023

Stuff you already know

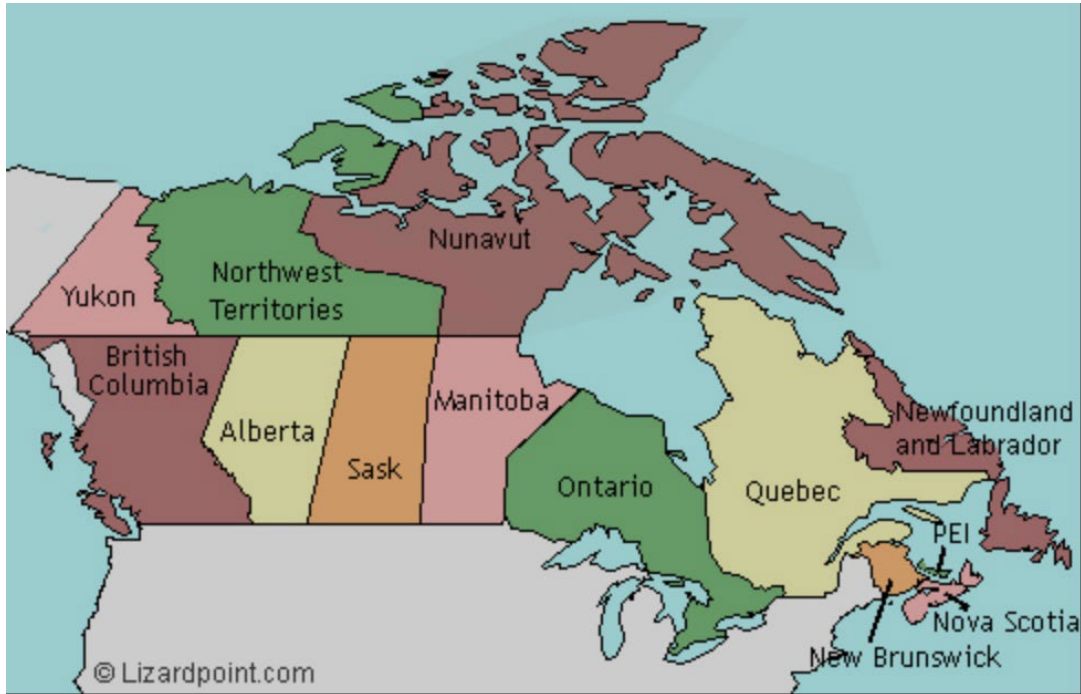
ASF would have huge impacts on the Canadian pork sector

- US study by Roth and Eia (2023)
 - Pork prices drop 40-50%
 - 2 year outbreak – \$15B
 - 10 year outbreak –\$50B
 - Hit to many outside the pork sector



Canada's impacts would be proportionally greater!

ASF discovered: Shoot first – ask questions later



- Borders slam shut
- Trucks stop

- Access to feed & slaughter stop
- Packers stop

- Pigs with no home
- Immediate disposal issue

- Scramble to set up incident command
- Labs overwhelmed

Wild pigs – add another whole layer of complexity to ASF control!

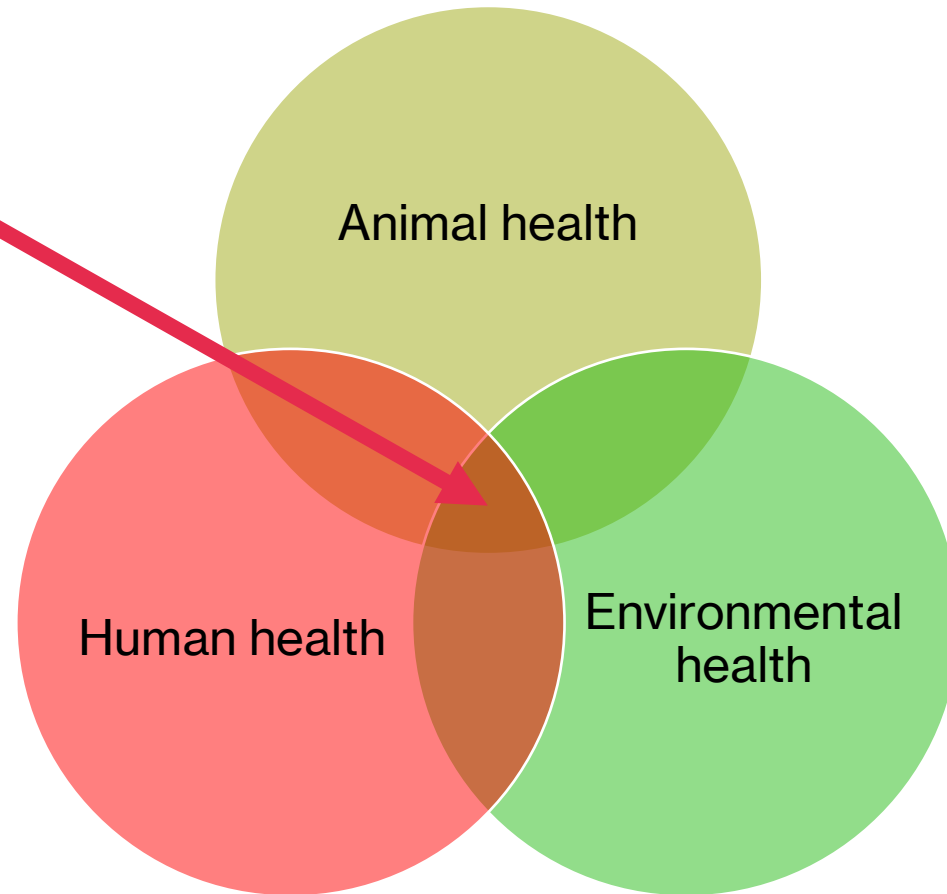
Wild pigs are a problem for...

- Domestic pigs – diseases
- Ecological damage
- Human safety
- Crop damage
- Wildlife destruction



Wild pigs – are a One Health problem!

One Health



Manitoba's approach

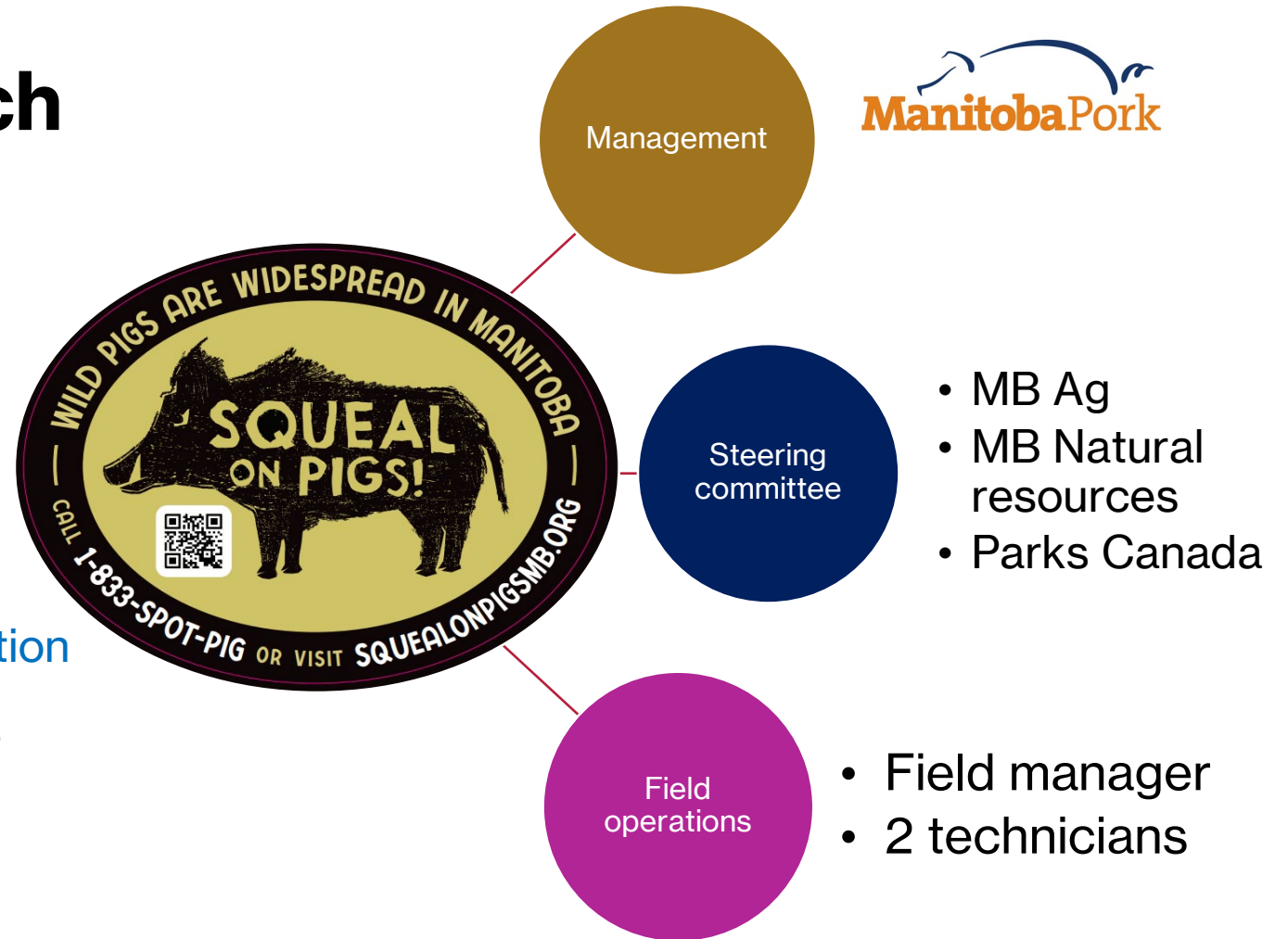


... to a “wicked” problem...

- everyone's issue, no-one's responsibility,
- no simple solution

...requires a collaborative, holistic solution

- multiple stakeholders within a single focal point
- **One Health in action**



Public report reporting – media campaign

www.squealonthepigsmb.org & 1-833-SPOT-PIG



REPORT WILD PIG SIGHTINGS
OR SIGNS OF WILD PIGS

WILD PIG REPORT FORM

Fill out the fields below to the best of your memory:

SUBMIT REPORT

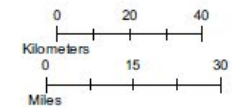
Mapping sightings



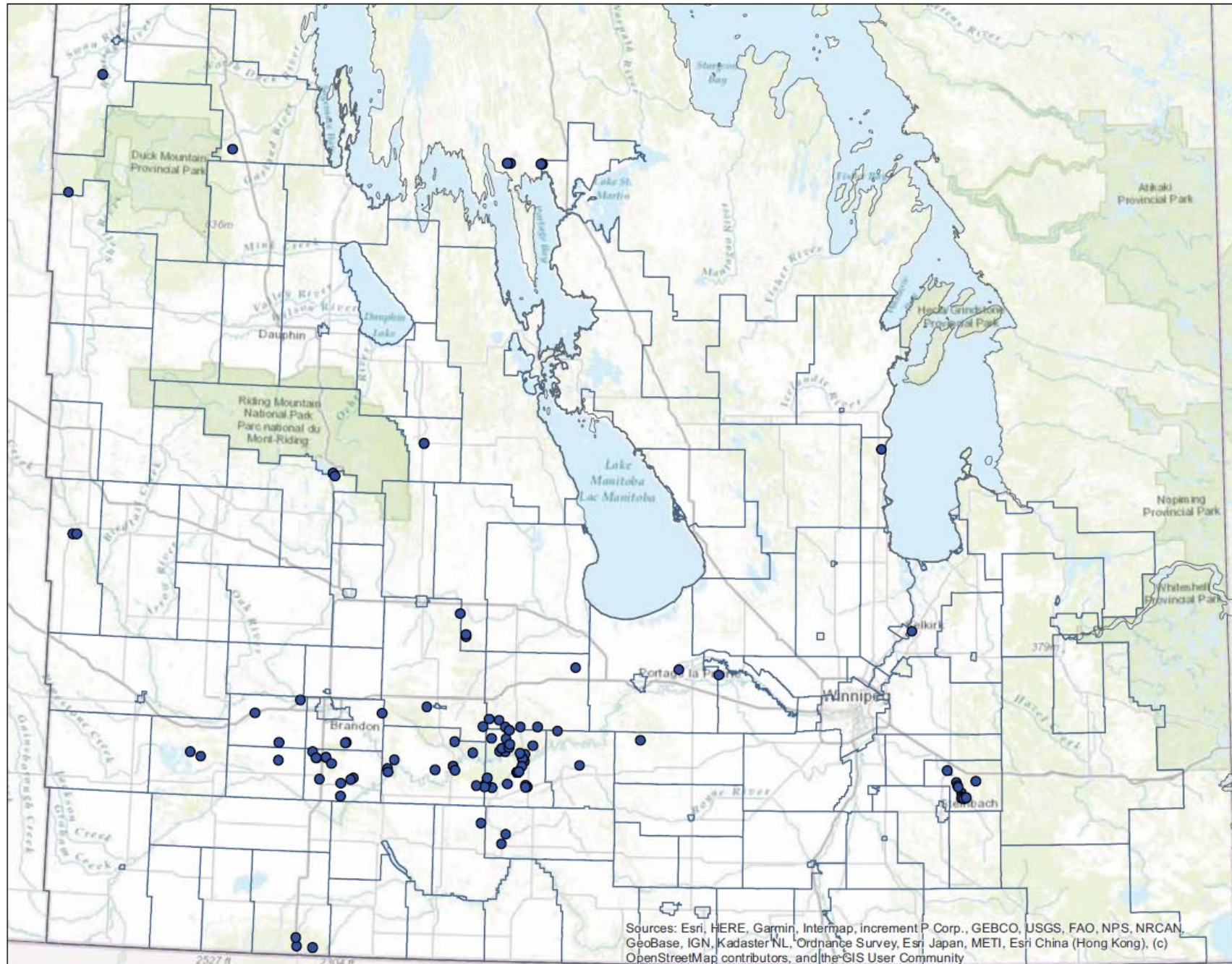
January 17, 2023

Legend

- Wild Pigs 2022
- Municipal Boundary

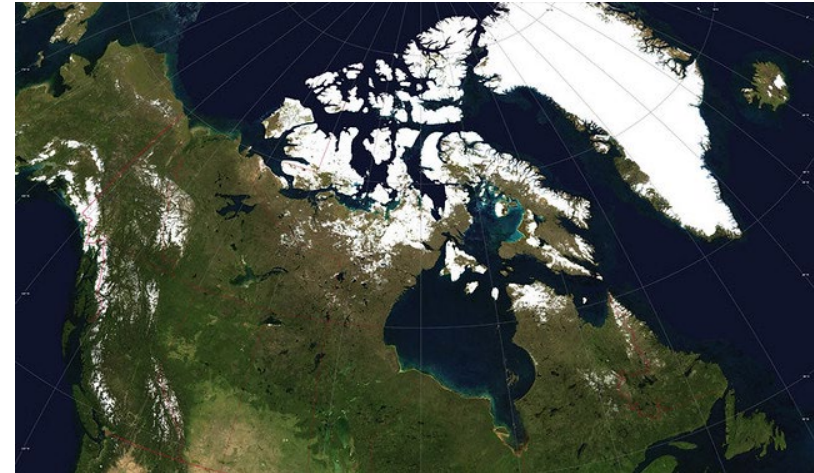


Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



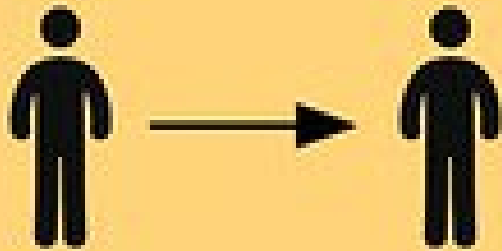
How wild pigs see the world...

How we see the world...

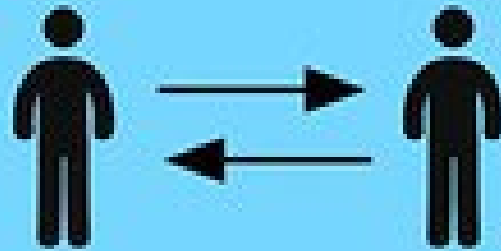


Move to a One Health relationship

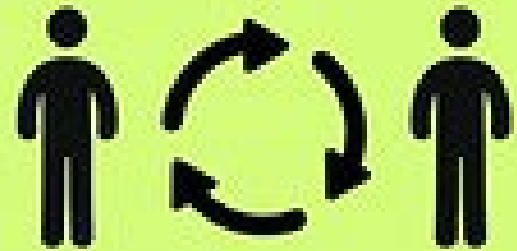
Communication



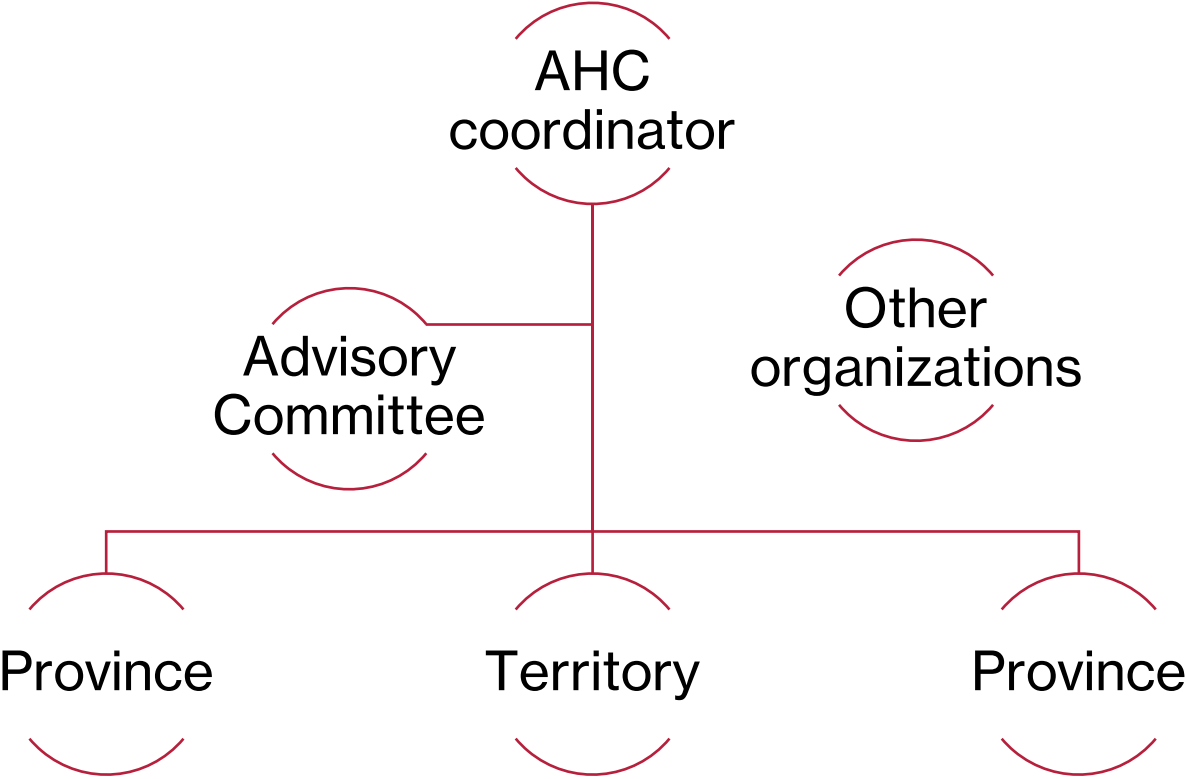
Interaction



Collaboration



Creating a national operational structure



A suggested national coordination approach

National role

- Create/chair a national operations committee
- Formally endorse the national strategy
- Create linkages with advisory committee
- Create linkages with CFIA, Wildlife, Health, AAFC
- Promote cross-Canada communications and information-sharing
- Maintain national data from P/Ts
- Share research and best practices
- Promote international collaboration

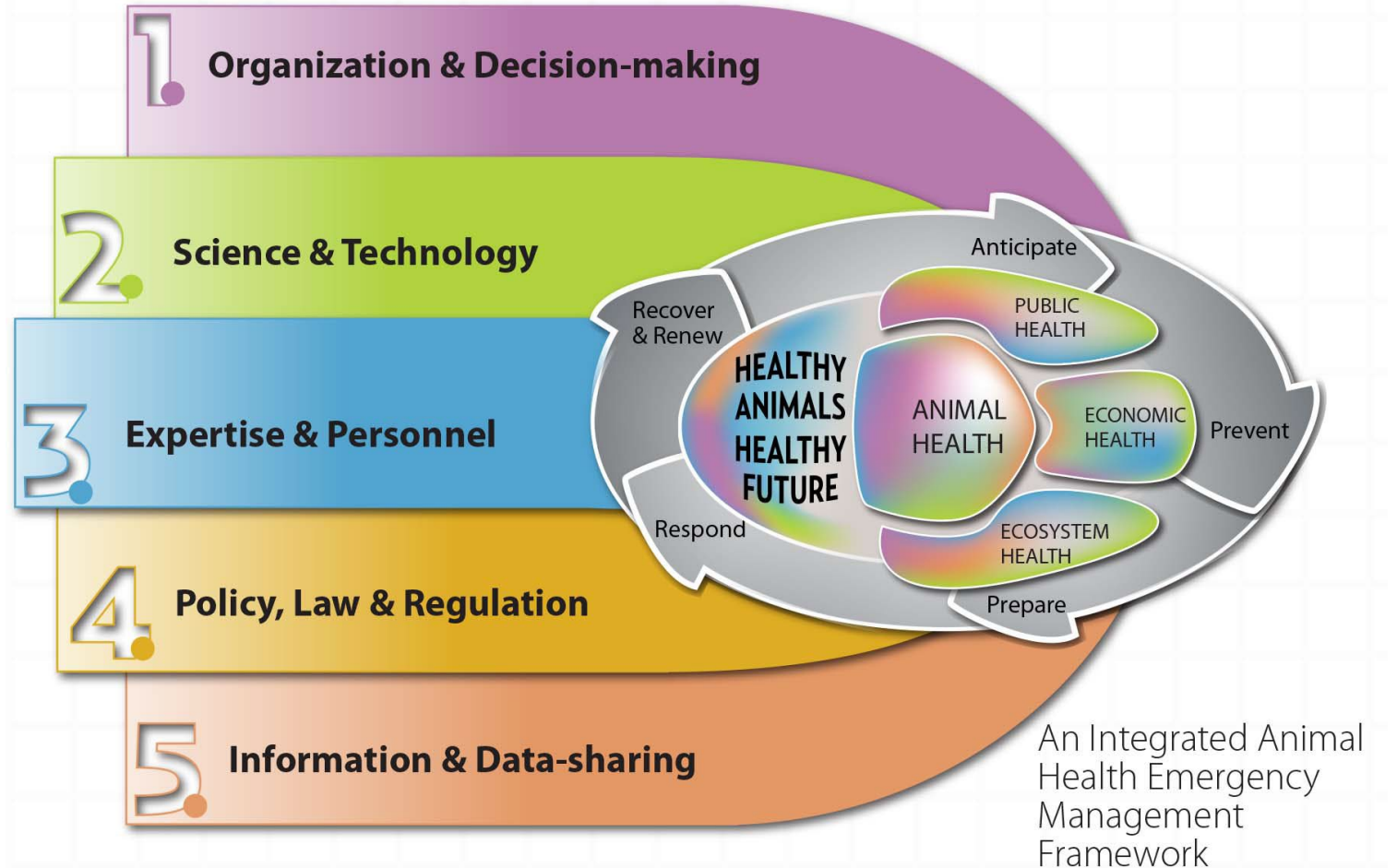
Provincial /territorial role

- Gather the various groups under one lead (herd the cats provincially)
- Operationalize the national strategy
- Adapt to P/T situation
- Amend policy & regulation
- Consult, collaborate – do field work!
- Report on activities, numbers, successes

Fore-CAN 2011 Emergency Management Framework

management areas and capability areas.

- National coordinator links P/T coordinators to reach consensus
- National coordinator links distributes latest science findings
- National coordinator links P/Ts with national groups (CFIA, HC, etc)
- National coordinator documents each P/T legal framework
- National coordinator oversees national wild pig database, data received from P/Ts



AHC role

- Directly hire the national coordinator
- Incorporate wild pig coordinator into other committees
- Be the one-stop national shop for all wild pig enquiries



Summary

Wild pigs are recognized as invasive

Our goal is eradication

We are taking a holistic, One Health approach

Collaboration and coordination are key