



Canadian Food
Inspection Agency

Agence canadienne
d'inspection des aliments

Canadian Food Inspection Agency



FMD: Canadian Response

Our vision:

To excel as a science-based regulator, trusted and respected by Canadians and the international community.

Our mission:

Dedicated to safeguarding food, animals and plants, which enhances the health and well-being of Canada's people, environment and economy.

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Dorothy W Geale DVM PhD BSc(Hons)

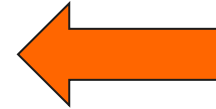
Tom Smylie DVM BSc(Hons)

Canadian Food Inspection Agency

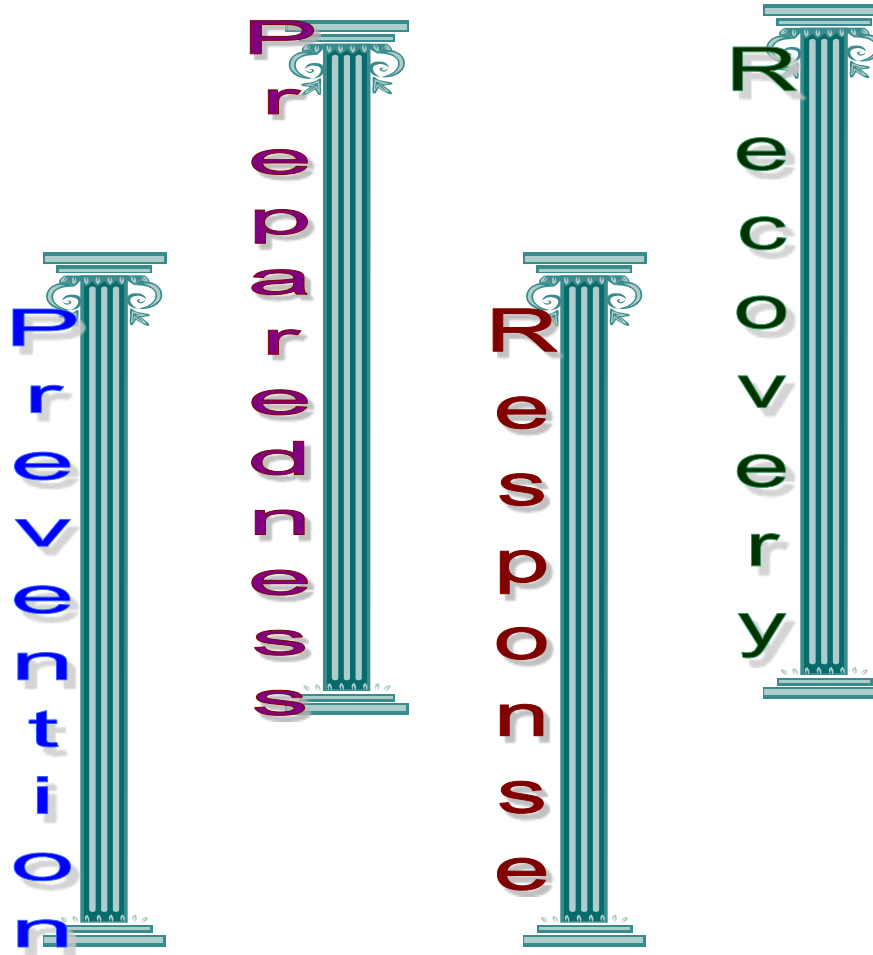
Canada

Outline

- **Emergency Response Structure**
- **CFIA Actions on FMD Suspicion**
- **Response on FMD Confirmation**
 - FMD Hazard Specific Plan
 - CFIA's FMD policy
 - CFIA actions in the event of an outbreak



Four Pillars of Emergency Management



Emergency Management - Plans

CFIA Emergency Response Plan

Agency's operational framework and response process; Roles and responsibilities

Functional Plans

Organizational structure, Roles and responsibilities e.g. Animal Health Functional Plan

Hazard Specific Plans

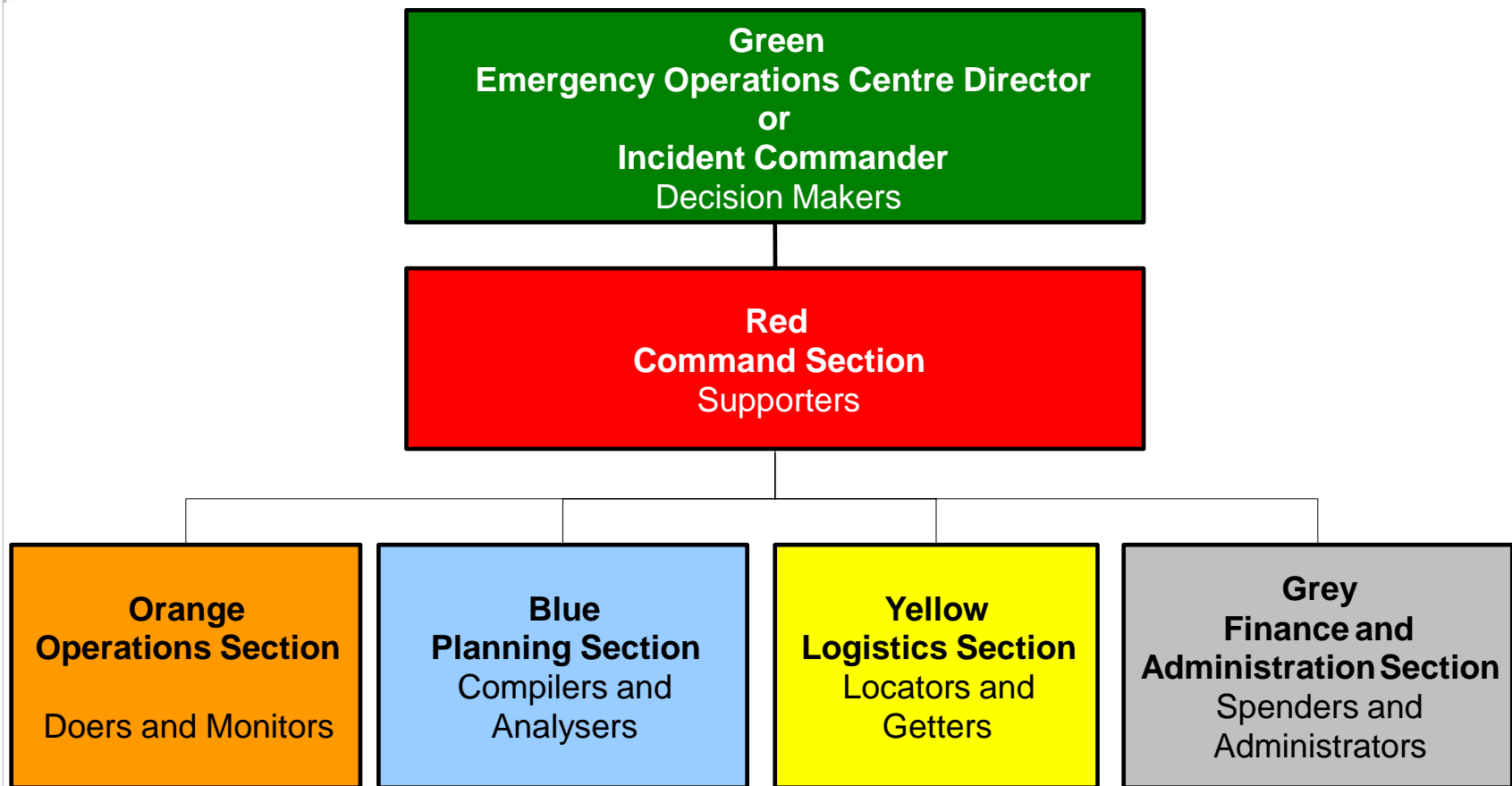
Science based, hazard specific, for each disease e.g. Notifiable Avian Influenza, Foot and Mouth Disease

Procedures

How-to documents

Incident Command System (ICS)

- Foundation of emergency management in the CFIA
- Basis for all other Agency emergency plans.



Partnerships

Federal partners: Public Health Agency of Canada (PHAC); Health Canada (HC); Canada Border Services Agency (CBSA); Environment Canada (EC); Public Safety Canada (PSC); Agriculture & Agri-Food Canada (AAFC)

Provinces, Territories & Municipalities

Stakeholders: Industry; Vet associations; Academia; Canadian Veterinary Reserve (CVR)

International agencies: OIE; Trading partners (US, Mexico); International Reserve

Partnerships with Provinces

Foreign Animal Disease Emergency Support Plan (FADES)

Identifies the arrangements whereby federal (CFIA), provincial and local agencies collaborate their response efforts to coordinate an efficient eradication of a foreign animal disease.

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FMD Suspicion in Canada

- All the vesicular diseases including FMD are categorized “Reportable Diseases” - If a person *suspects* the presence of one of these diseases in Canada they are obligated by law to report it to the CFIA.
- CFIA investigates the reported suspicions (producer / private practitioner / abattoir / lab)
- CFIA veterinarian trained in FAD conducts risk assessment, epidemiological investigation and obtains specimens

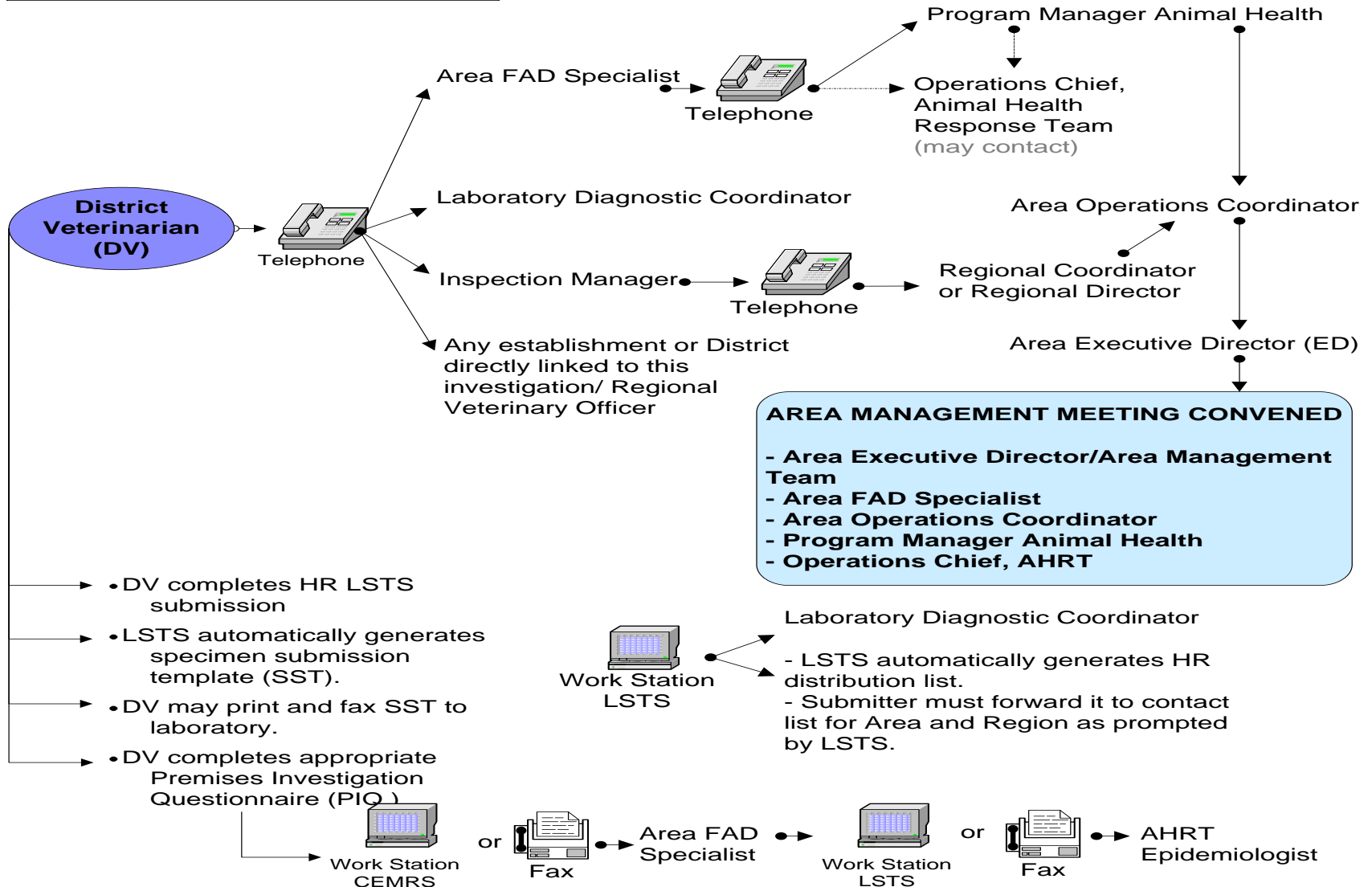


FMD Suspicion in Canada

- In Canada, specimens submitted as HIGH RISK or CONFIRMATORY NEGATIVE (LOW RISK) to provincial network labs and National Centre for Foreign Animal Diseases (NCFAD), Winnipeg, MB.
- Provincial network labs help in screening tests to ensure prompt disease control actions; however, confirmation is always done at NCFAD.

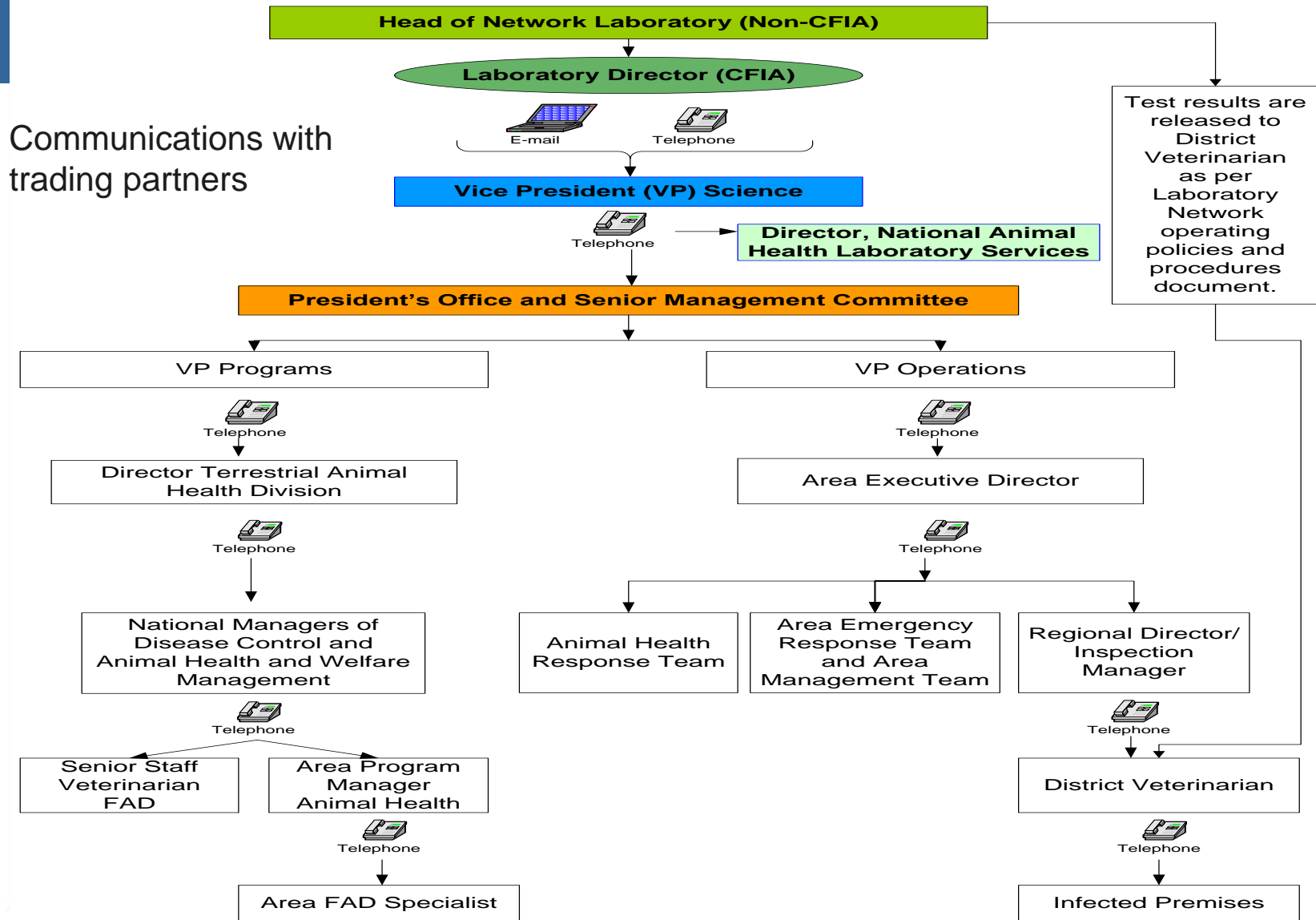
HIGH RISK COMMUNICATION PLAN

High Risk Samples Submitted



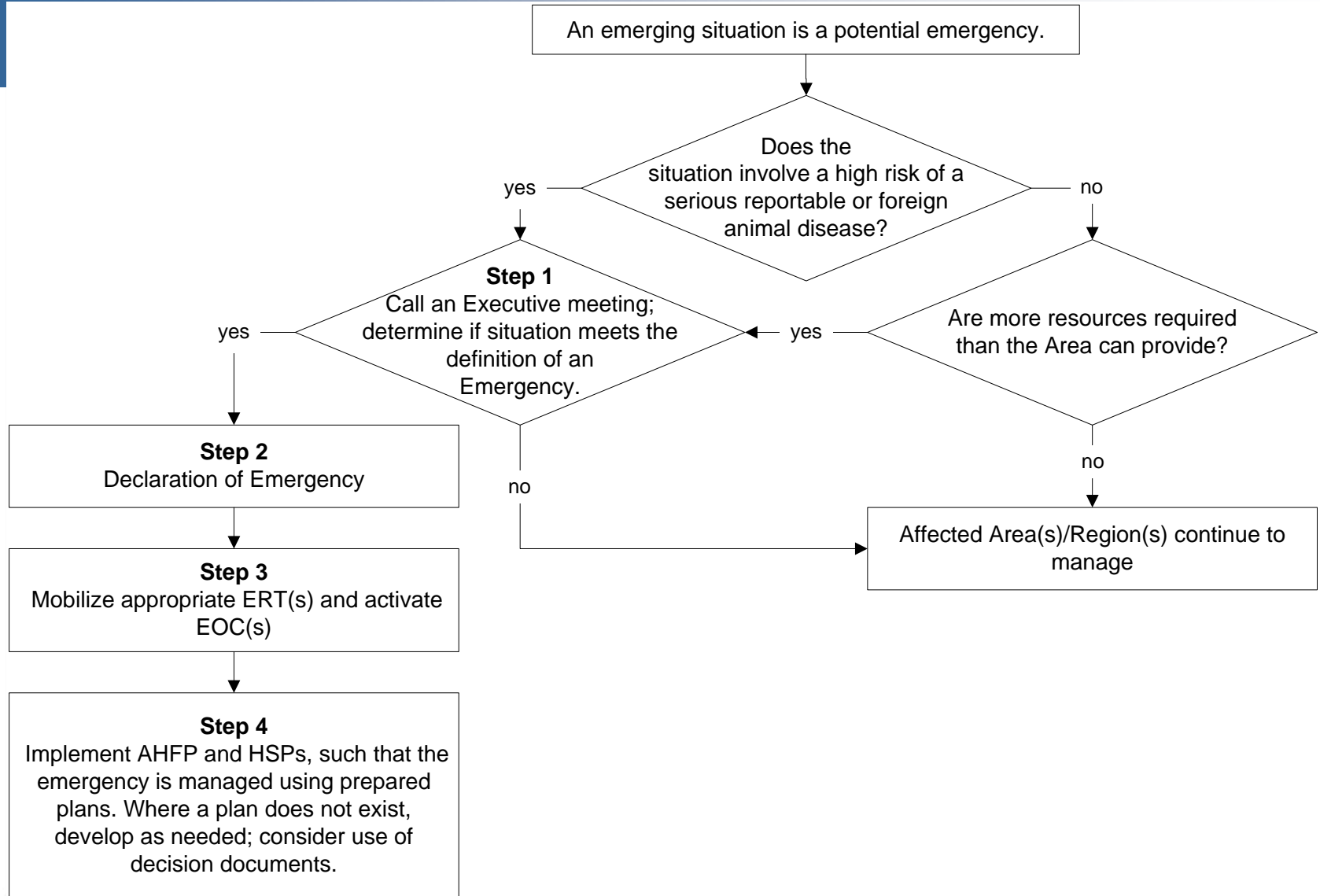
Notification Plan for Positive Test Results

Positive Test Results Reported

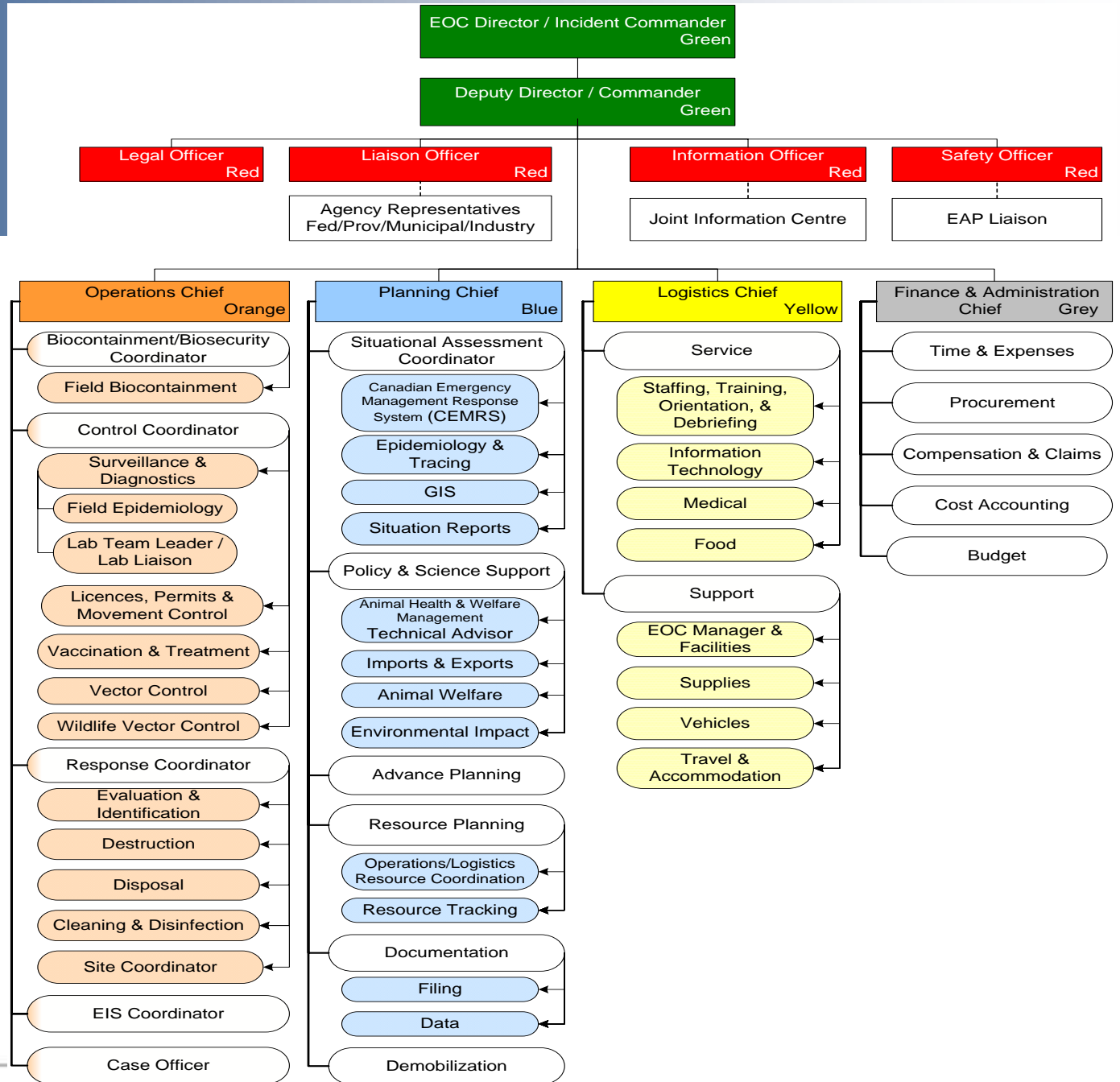


Communications with trading partners

Steps to Declare FAD Emergency



Example: Emergency Response Team Functions



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FMD Hazard Specific Plan

➤ What is a Hazard Specific Plan?

- Chapter 1: *About this Document*
- Chapter 2: *Overview of the Disease*
- Chapter 3: *Authorities & Principles of Control*
- Chapter 4: *Individual Premises Activities*
- Chapter 5: *Control Area Activities*
- Chapter 6: *Proof of Freedom Activities*



FMD Hazard Specific Plan

➤ CFIA policy statement

- STAMPING OUT,
- including PRE-EMPTIVE slaughter pursuant to Section 48 of the Health of Animals Act.
- EMERGENCY VACCINATIONas an adjunct to stamping out and pre emptive slaughter.....until stamping out is capable of eliminating FMD virus.
- REGIONALIZATION/ZONING considerations are critical to the decision on the use of vaccination due to trade ramifications



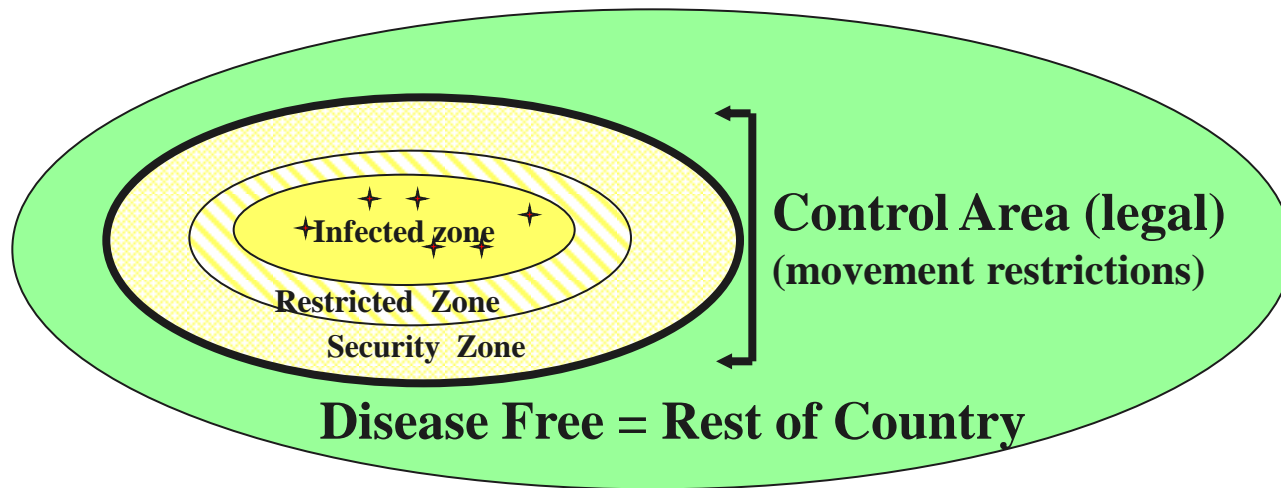
FMD Hazard Specific Plan

- Individual Premises Activities
 - ✓ Diagnostic sampling
 - ✓ Quarantine
 - ✓ Tracing
 - ✓ Evaluation
 - ✓ Depopulation
 - ✓ C&D

- Control Area Activities
 - ✓ Declaration
 - ✓ Movement Restrictions
 - ✓ Zoning
 - ✓ Surveillance
 - ✓ +/- Vaccination



Control Area - Zoning



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