



World Organisation
for Animal Health
Founded as OIE

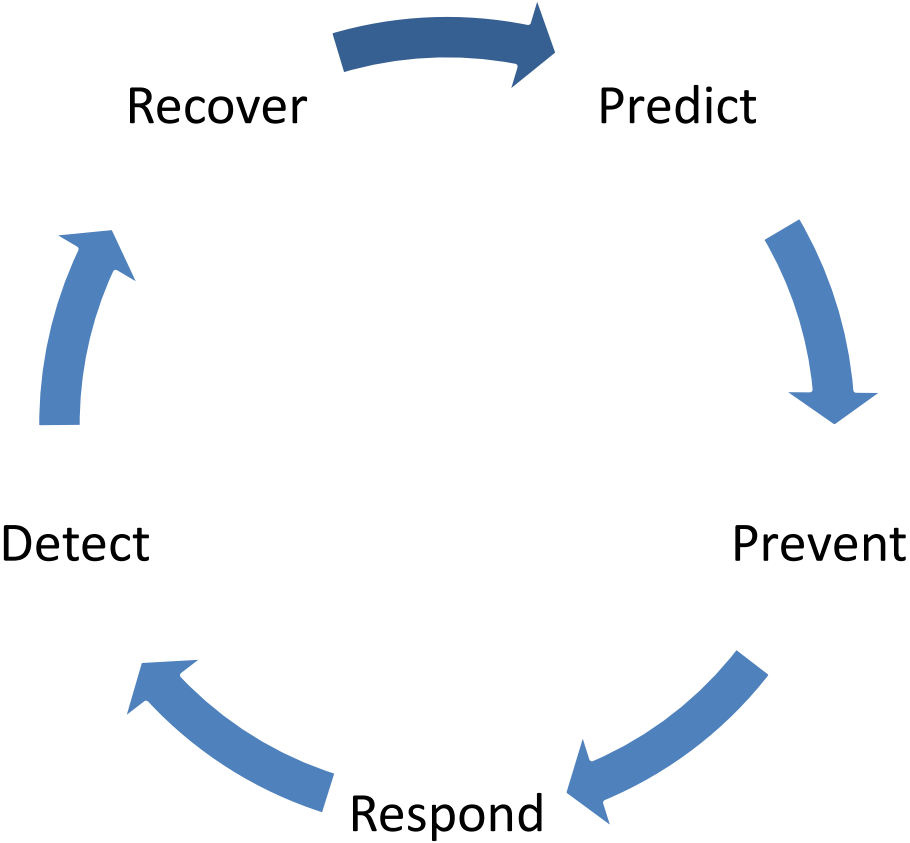
Key elements of Emergency Preparedness and Response Planning

Dr John Weaver

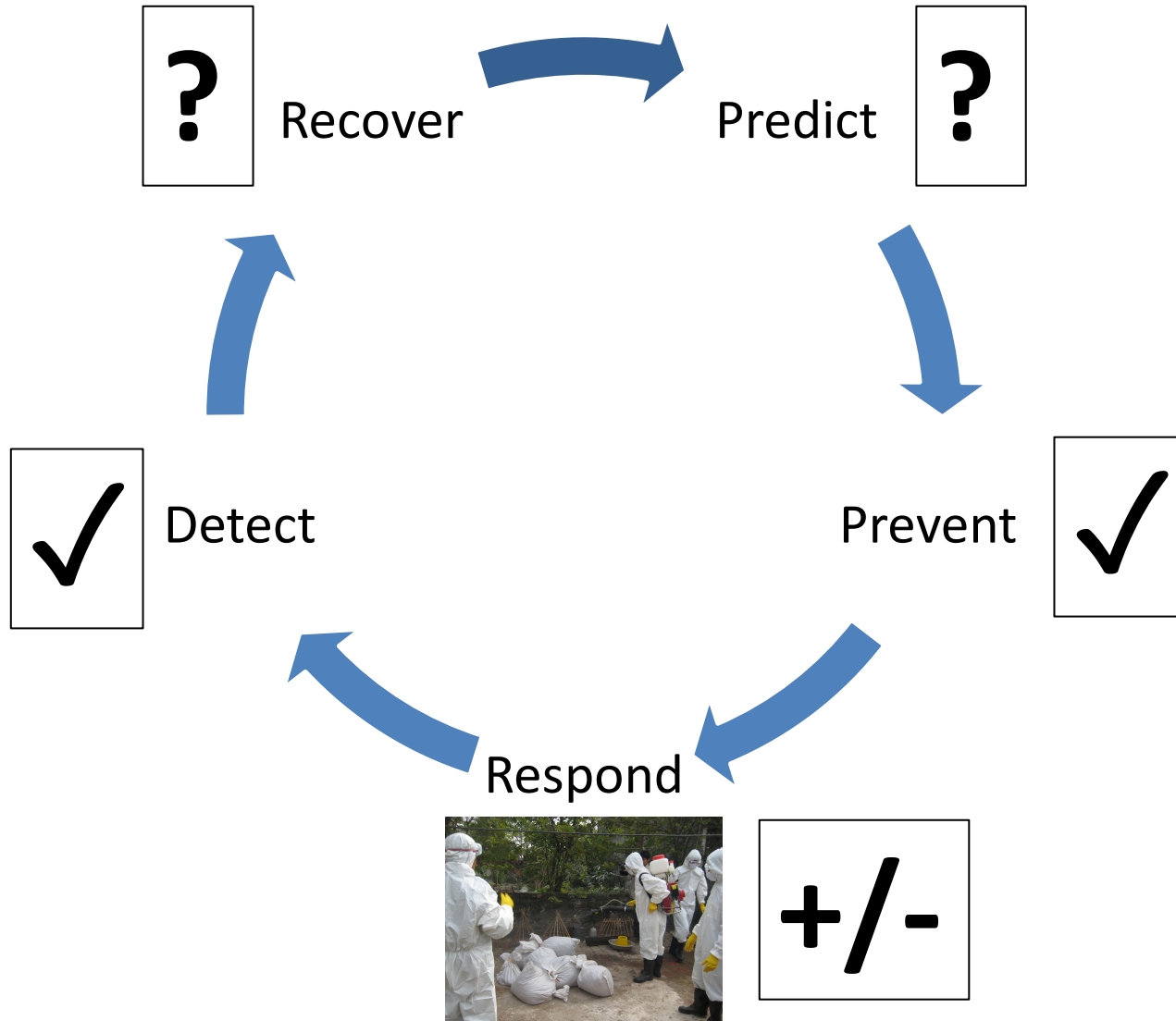
Emergency Animal Disease Management?



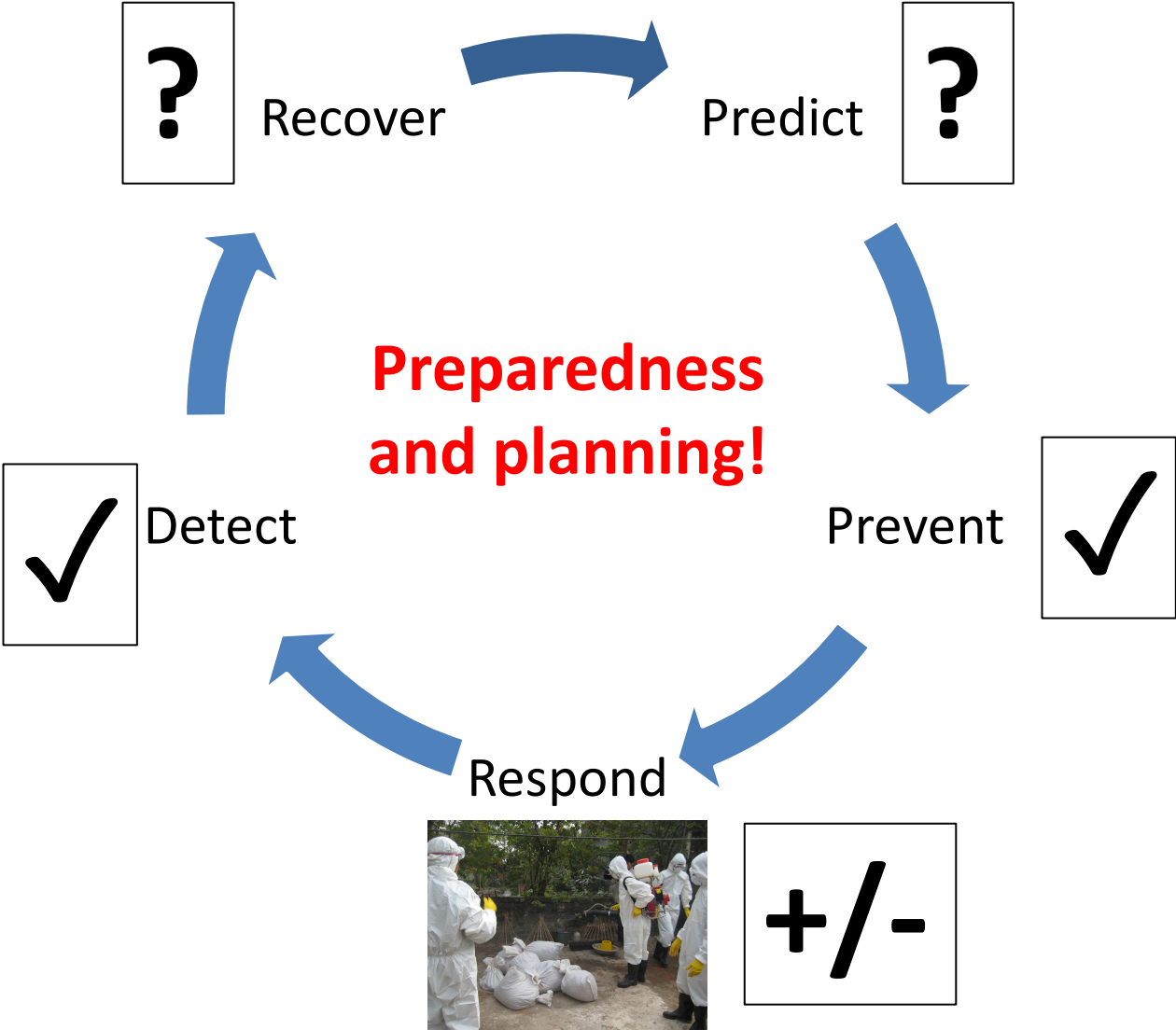
Cycle: emergency preparedness and response



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Predict



Risk Analysis

- *Monitor emerging threats globally/in the region*
- *Import risk assessment (IRA) – legal trade*
- *Assess risks and awareness from illegal movements*
- *Evaluate border security*
 - > *risk ranking of most likely entry points*
- *Assess likelihood of spread in country*
 - > *populations, production systems, biosecurity, trade patterns...*
 - > *carry out economic impact assessment*
- *Ref OIE/WOAH and other guidelines*

Prevent



Border security > zone/compartment security

- *Public/industry awareness*
- *Quarantine procedures – review/audits?*
- *Reducing risk from ‘informal’ trade*

Farm and value chain biosecurity

- *Segregation – to prevent exposure*
- *Cleaning – to reduce contamination; safe disposal of waste*
- *Disinfection – to deactivate pathogens*
- *Vaccination – to promote health/detection, reduce risk*

➤ *Ref WTO-ALOP and other guidelines*

Detect



Early detection

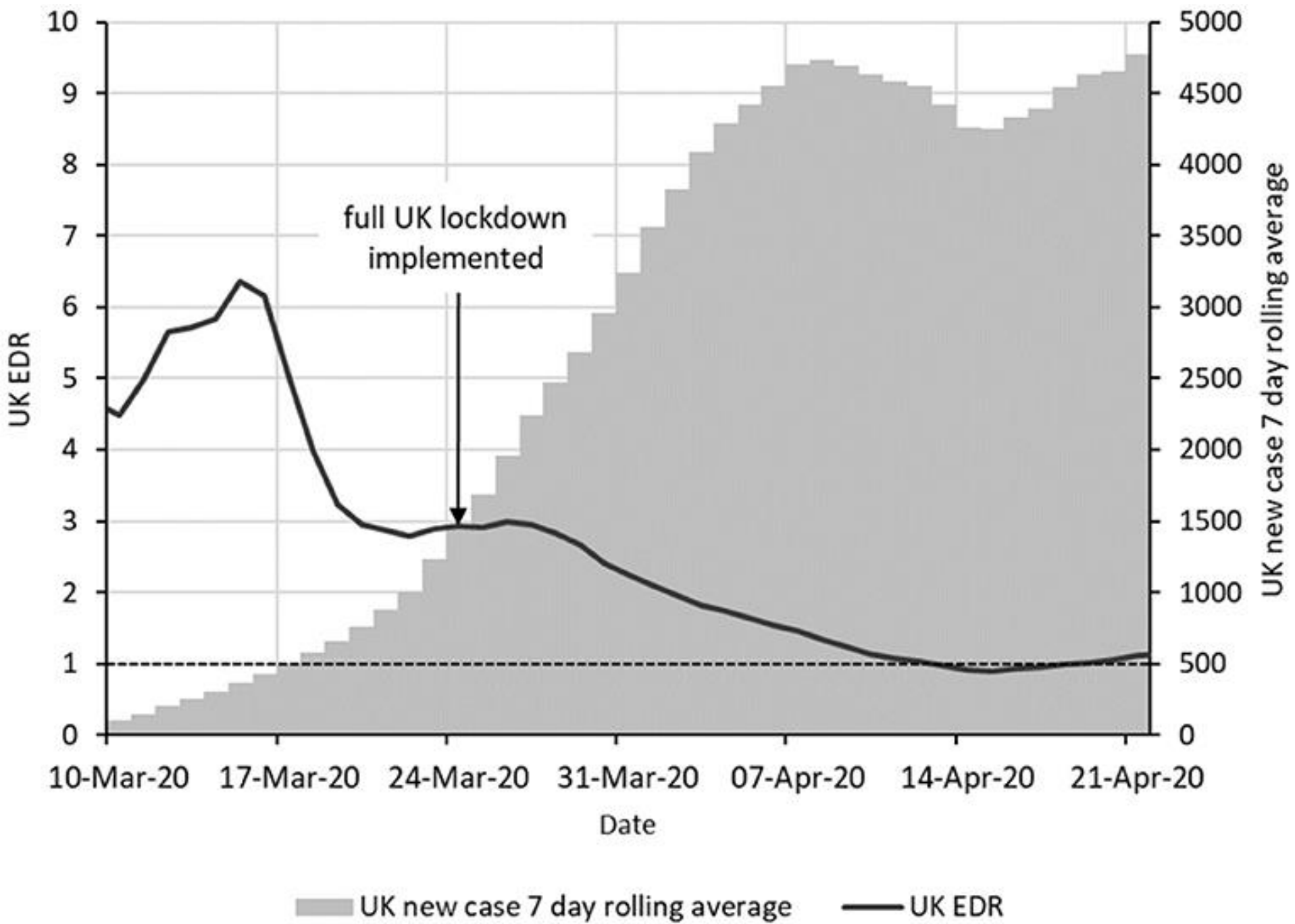
- *Strong public, owner, industry awareness*
- *Field investigation and initial diagnosis*
- *Laboratory confirmation*
- *Information management (systems)*

Declaration of an emergency?

- *Ministerial decree (or other authority)*
- *Documented process – with info required & timelines!*

Immediate 'first' response?

- *Initial response to be taken before emergency declared*



Respond

Principles

1. *Find it fast*
2. *Stop it spreading*
3. *Eliminate/control it*

Effective response

- *Defined Emergency Management System (roles and responsibilities)*
 - *Overarching Emergency Action Plan*
 - *Contingency Plans for key diseases*
 - *Incident Action Plans for actual activities*
 - *Field operations – Incident Command Systems?*
 - *Defined procedures/SOPs for activities, funding and resources*
- **Requires planning!**



Recover

Recovery plan

- *Provide support to the producers, traders and community*
- *May need communications campaigns, financial support*

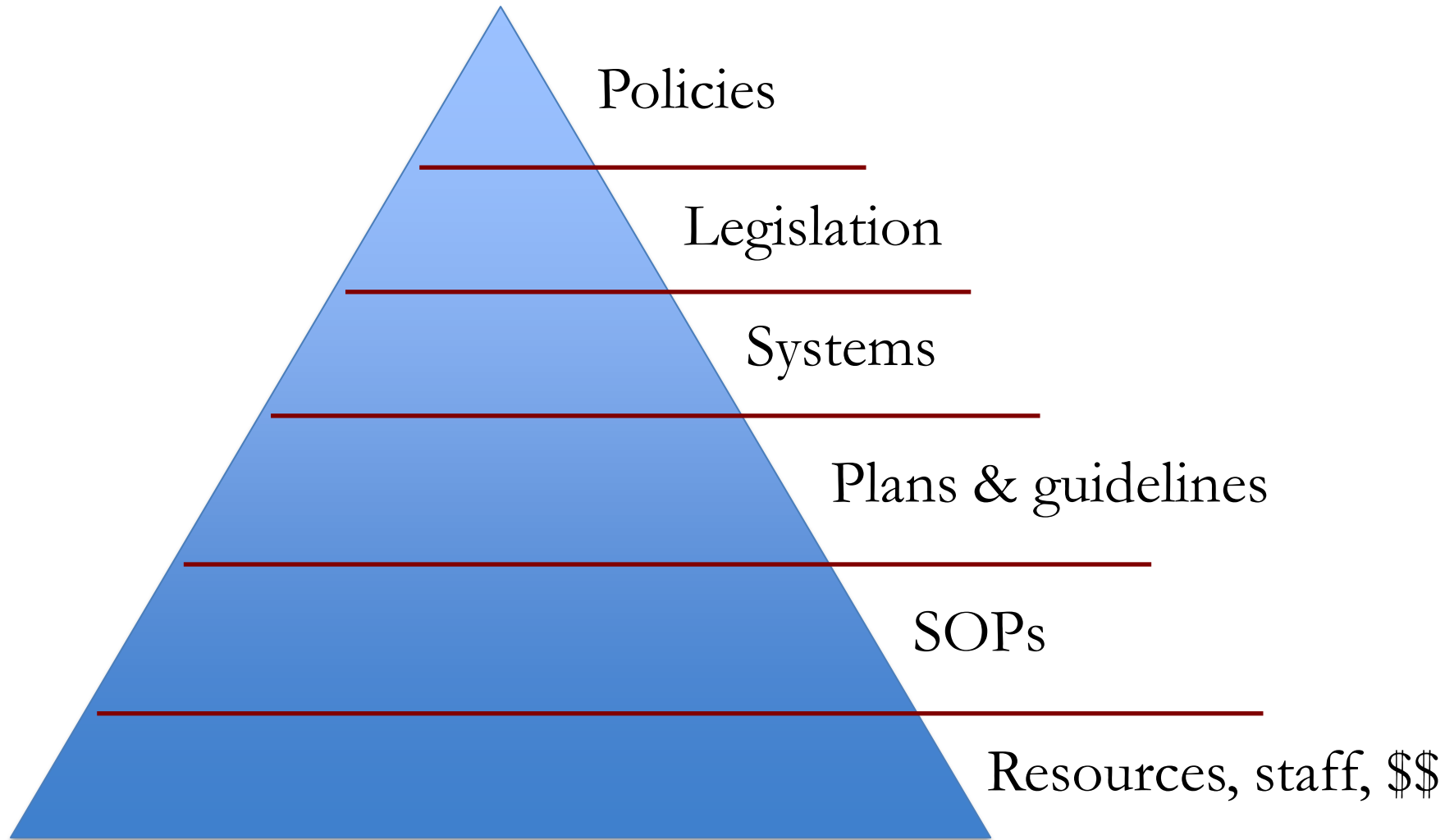
Proof of freedom/ongoing control

- *Collect data to demonstrate provisional freedom (or for ongoing impact mitigation)*
- *Additional surveillance to demonstrate freedom*

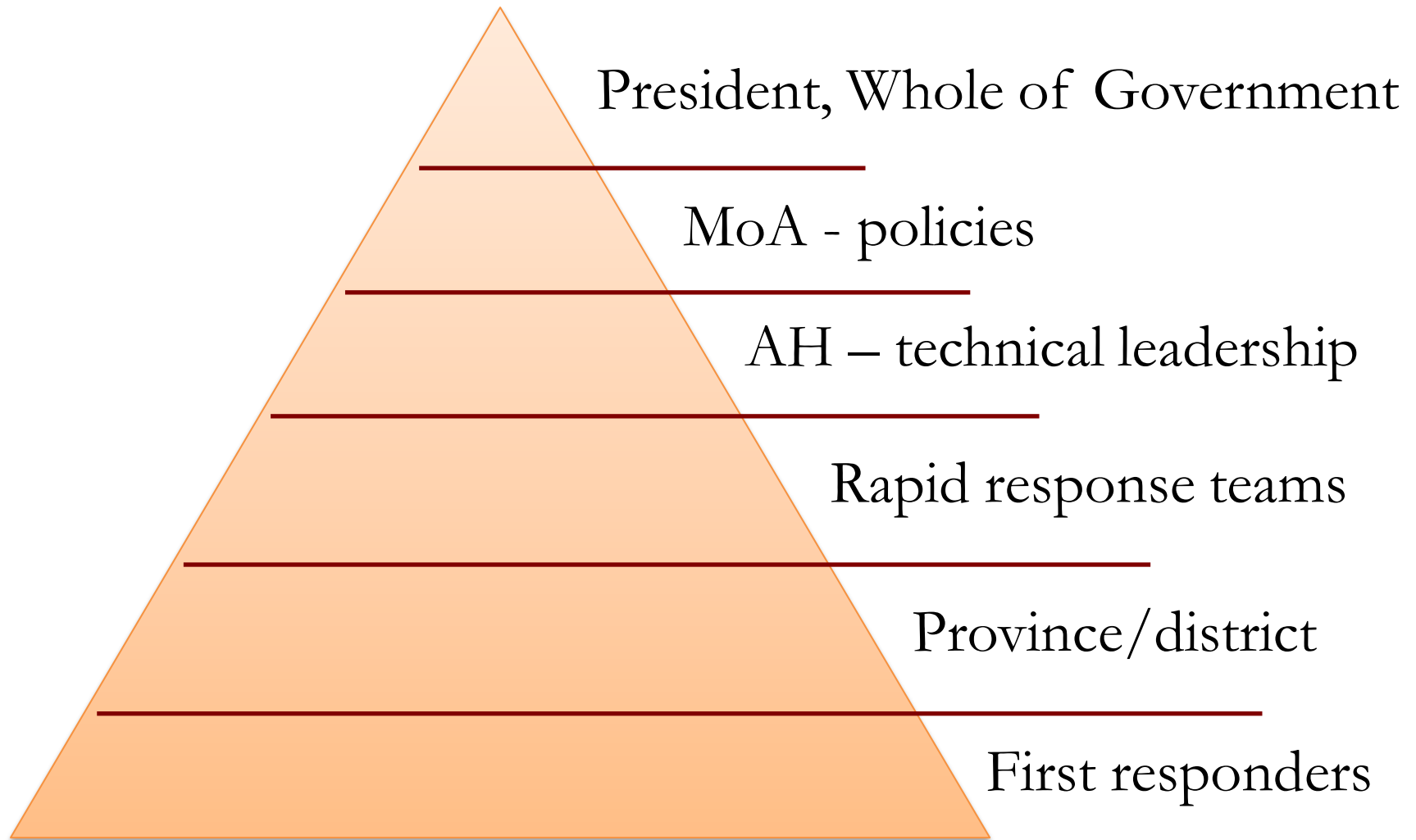
Response review!

- *Lessons learnt are critical and a formal review is required*

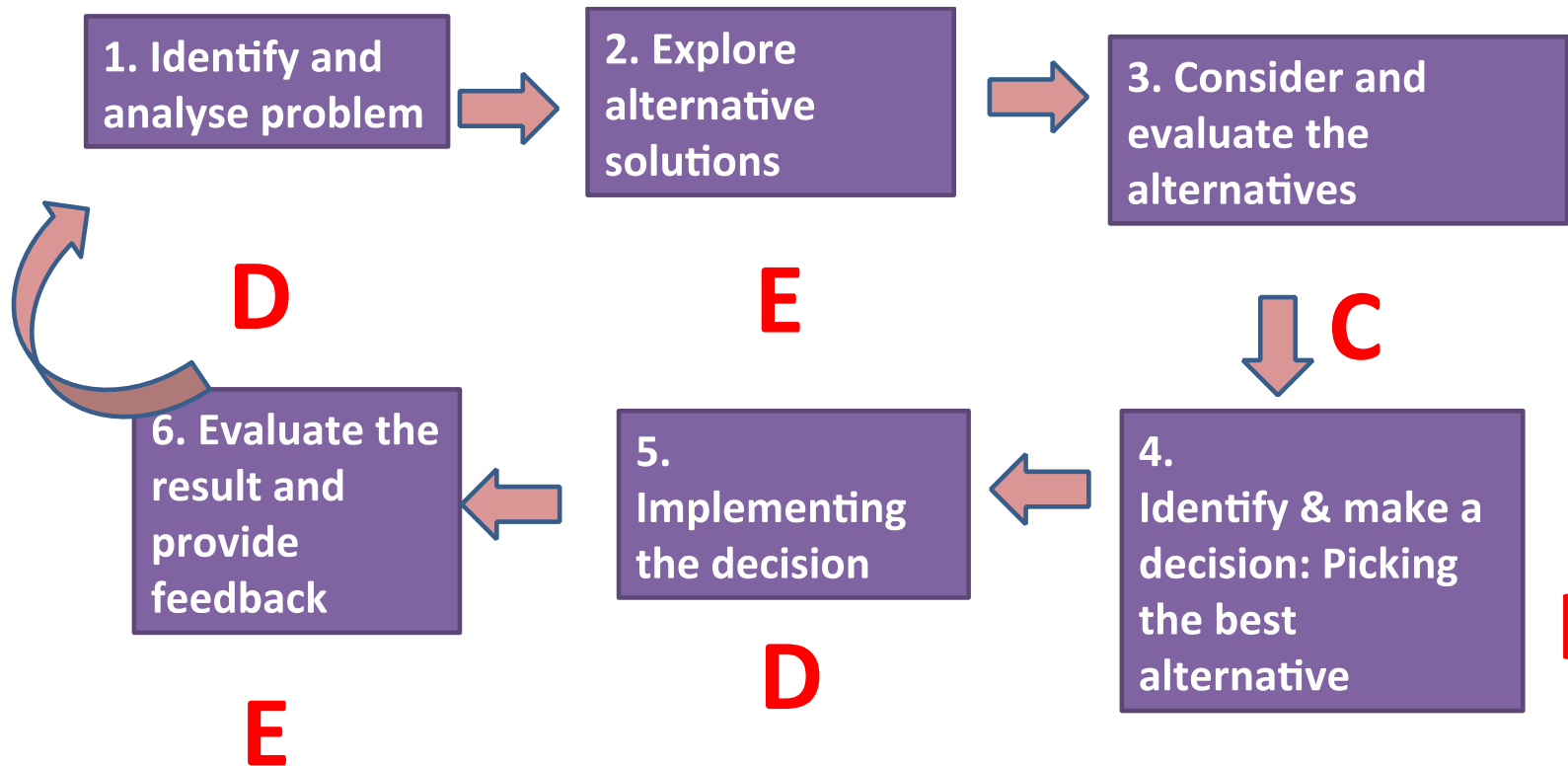
EPR – whole of system approach



EPR – chain of command?



Decision making?



- Must adapt and adjust as understanding and situation evolves...

Emergency preparedness - summary

Predict

- *Use risk analysis to prioritise activities to eliminate/mitigate risk*

Prevention

- *ALWAYS the most cost-effective option!*

Early detection

- *Effective surveillance - continuous and sustainable!*

Rapid effective response

- *Minimise spread, impact and cost of control*

Recovery

- *Support industry, producers and public confidence*

Political support, public awareness and commitment is CRITICAL

Preparedness and planning!



**Failing to plan is...
planning to fail!**