



Advantages of Veterinary Simulation Exercises

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Practise to Reduce Risk and Build Confidence

Simulation exercises for skills, roles, communications, and equipment readiness



Strengthen skills through realistic rehearsal

Rehearse decision making and procedures in a safe setting



Clarify roles and responsibilities

Ensure everyone knows plan and SOP ownership before incidents



Improve communications and channels

Test messaging, reporting lines, and situational updates



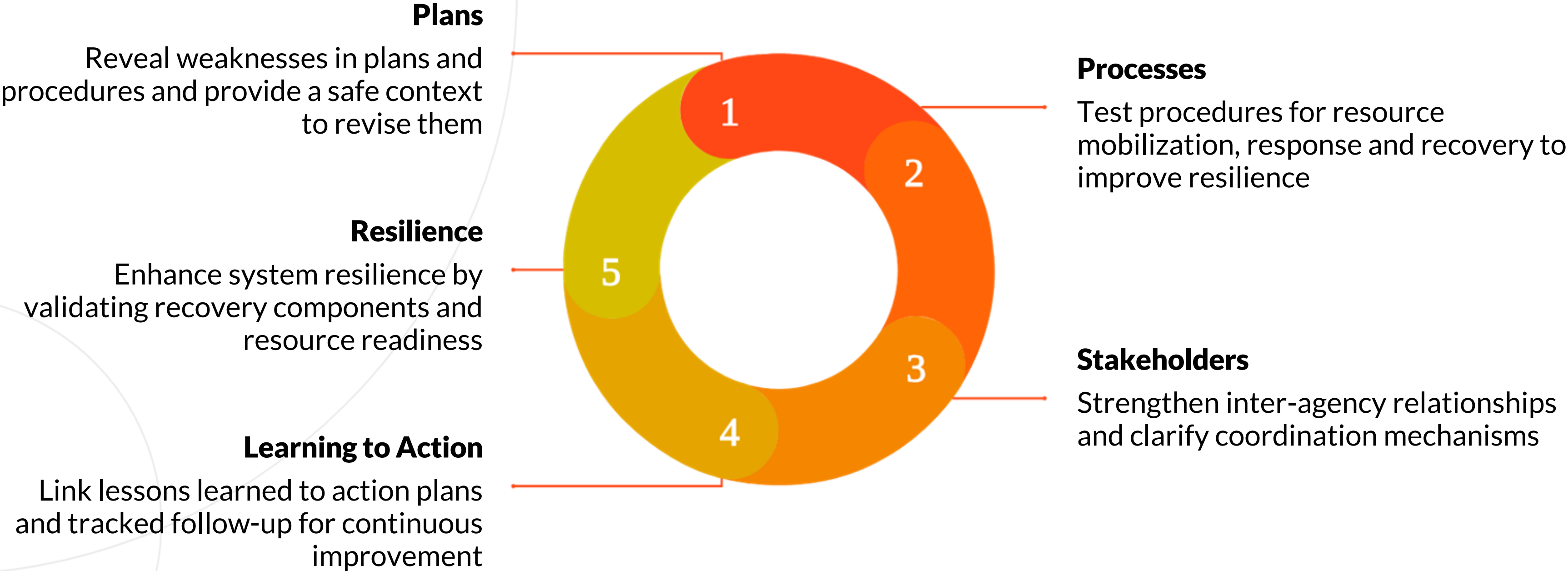
Validate equipment and procedures

Reinforce PPE use, field sampling, and functional drills



Improve: Plans, Processes, and Relationships

How simulation exercises strengthen readiness, coordination, and recovery



Validate Plans, Systems, and Resources

How simulation exercises improve readiness and reveal gaps



Validate contingency plans and command structures

Confirm roles, procedures, and handoffs before real incidents



Test Emergency Operations Centers and information systems

Exercise EOC workflows and data systems under realistic load



Reveal resource gaps: equipment, personnel, communications

Identify missing assets to guide procurement and training



Assess response timelines and escalation processes

Measure time to notify, mobilize, and escalate in controlled drills



Identify Gaps and Actionable Fixes

Turn exercise findings into prioritized recommendations and plans

**Detect
bottlenecks
and
breakpoints
not visible on
paper**



Surface real-world process failures for targeted fixes

**Capture
human, technical, and
procedural
gaps**



Document skills, tools, and rule shortfalls for remediation

**Produce
evidence for
targeted
recommendations**



Use observed failures to craft corrective actions and training

**Prioritize
actions and
convert issues
into lessons
learned**



Feed findings into after-action reports and improvement plans



One Health Benefits of Simulation Exercises

How multisectoral simulations strengthen veterinary-led partnerships

One Health Collaboration

Promotes joint action among animal, human, environmental, and emergency partners for shared threat preparedness.

Clarified Roles and Trust

Builds trust, clarifies agency roles, and improves joint responses and resource sharing.



Whole-of-Government Coordination

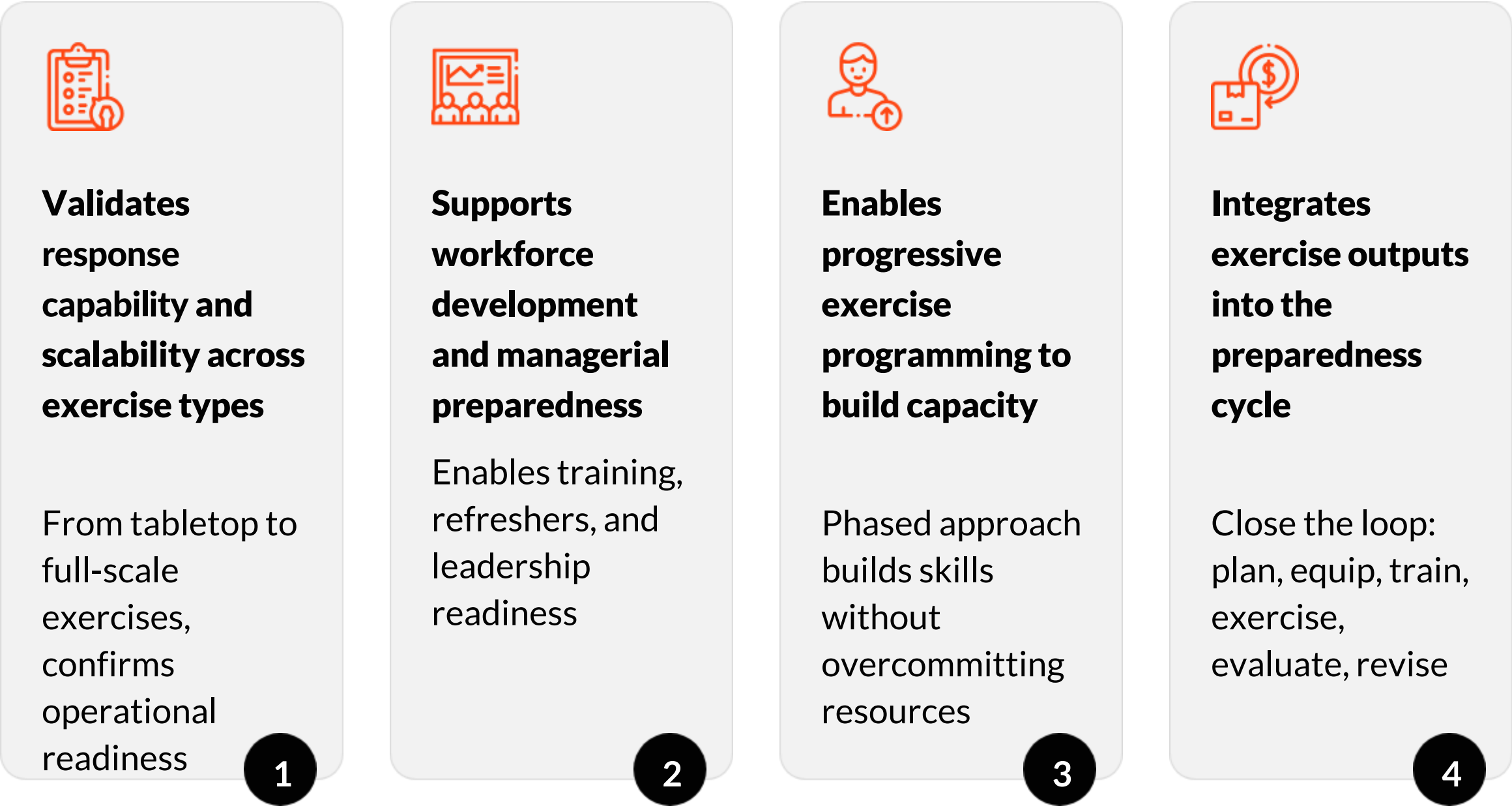
Strengthens government-wide planning and response for zoonotic disease and other shared threats.

International Confidence and Cooperation

Facilitates sharing reports to boost international cooperation and confidence in veterinary sanitary measures.

Strengthen Organizational Capacity and Preparedness

Simulation exercises that validate skills, scale response, and drive continuous improvement



Measurable Outcomes from Simulation Exercises

Evaluate readiness, quantify gaps, and drive corrective action

1



Produces evaluative data against objectives for clear **measurement** of success

Quantifies performance versus exercise goals for objective assessment

2



Generates an exercise report and evaluation report with recommended corrective actions

Actionable findings and prioritized fixes for continuous improvement

3



Enables KPIs: gaps identified, action items assigned, plans revised, stakeholder engagement levels

Tracks improvement areas and accountability across the organisation

4



Sharing results (with sensitivity) demonstrates competence to partners and trading counterparts

Controlled disclosure builds trust and validates capability

5



KPI blocks for manager input: Gaps identified, Actions assigned, Plans updated, Stakeholders engaged

Leave numeric fields blank for manager to populate

Practical Steps to Realize Simulation Exercise Benefits

Start with a tabletop; scale exercises and track results

