Emergency Management Centre

Increasing preparedness to threats through GEMP principles
Vision:
A world prepared to manage high impact animal health emergencies

Purpose:
To enhance country, regional and international capacity to be better prepared to respond to animal health emergencies.
What is the EMC?

EMC
Emergency Management Centre

Joint OH Platform

TECHNICAL

NSA
Animal Health and Production Division

NSP
Plant Production and Protection Division

NSAH/CJWZ
Animal Health Service FAO/WHO Centre

NSPM
Locust and Transboundary International

OPERATIONAL

OER
Emergency and Resilience Division

GPST
Global Programme Support Team
Emergency management services proposed by EMC

**PILLARS**

**PREPAREDNESS**
- Support countries to enhance their readiness for the management of animal health emergencies
- Building Emergency capacities (EOCs)
- GEMP related activities (manual, PPEP, AAR,...)

**RESPONSE**
- Support countries at risk or affected to respond to animal health emergencies
- Emergency missions
- Alert missions

**INCIDENT COORDINATION**
- Develop leadership and expertise and support national, regional and international coordination of animal health events
- Coordination platform for local, regional and global animal health emergencies
- Incident Coordination Groups (ICG)
  - Ukraine

**COLLABORATION AND RESOURCES MOBILIZATION**
- Develop strong collaborative networks and resource availability for a timely and effective management of animal health emergencies
- Partnership with OIE, WHO
- INTERPOL, IAEA, WVA, FESASS, AVSF, FVI, EmVetNet (OIE), FS cluster
- Resources: TCPe, CERF, etc
What is GEMP?

- Best management practices to address animal disease emergencies
- Emergency preparedness is an ongoing process
- The cycle of good emergency management planning and disease control includes preparedness, prevention, detection, response and recovery
Apply actions to support emergency management throughout the epidemic curve

Epidemiological Curve for an Animal Health Event

PILLAR 1

<table>
<thead>
<tr>
<th>Peacetime</th>
<th>Alert</th>
<th>Emergency</th>
<th>Reconstruction</th>
</tr>
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<tbody>
<tr>
<td>Prepare</td>
<td>Prepare</td>
<td>Prevent</td>
<td>Prepare</td>
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<tr>
<td>Prevent</td>
<td>Prevent</td>
<td>Detect</td>
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<td>Detect</td>
<td>Detect</td>
<td>Respond</td>
<td>Detect</td>
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<td></td>
<td></td>
<td>Recover</td>
<td>Recover</td>
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</tbody>
</table>

Number of New Cases

Index Case or Common Vehicle Exposure

Median Incubation Period

Time

- Peacetime
- Alert
- Emergency
- Reconstruction

PILLAR 1
GEMP ‘Tool kit’ overview

Revision of the FAO GEMP Manual: Validation, editing, translation, publication

GEMP ‘Advanced’ Manuals and Tools: AH-EOC, AAR, GEMP-BT,…

Progressive Pathway for Emergency Preparedness

Application to Plant Health emergencies

Country training and implementation, including online
Towards preparedness planning: GEMP

Countries trained in Good Emergency Management Practice (GEMP)
Impact of GEMP workshops

- Participants’ preparedness and capacity to manage emergency disease outbreaks
- Increased confidence in the development of their contingency plans
- Exchange of experiences between local, regional, national and global bodies on managing Transboundary Animal Diseases (TADs)
- Sharing of expertise between plant and animal health specialists and in politically tense environment
FAO EMC PPEP-AH and contextual relationships

Pillar 1 Specific Activities

- Functional and supporting relationships related to animal health emergency preparedness
- World Organisation for Animal Health (WOAH) Performance of Veterinary Services (PVS)
- FAO EMC PPEP-AH

Global standard

A FAO application guide for good emergency management practices

A Process and a Self-assessment tool for progressive capacity development in animal health emergency preparedness
PPEP-AH methodology: How does the PPEP-AH relate to GEMP?

### PPEP-AH self-assessment tool: Key components and sub-components

<table>
<thead>
<tr>
<th>PPEP self-evaluation overall outcomes</th>
<th>PROGRESS LEVEL self-assessment</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Sub-components general outputs (11)</td>
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<tr>
<td></td>
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<tr>
<td><strong>A. GENERAL PRINCIPLES</strong></td>
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<tr>
<td>On the legal and policy framework, organizational structure, management, and engagement with stakeholders</td>
<td>A.1 – Core political, stakeholder and legislative components</td>
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<tr>
<td></td>
<td>A.2 – Prioritization and strategy</td>
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<td></td>
<td>A.3 – Intersectoral coordination</td>
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<td></td>
<td>A.4 – General governance and management</td>
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<tr>
<td><strong>B. PREPARE FOR EMERGENCIES</strong></td>
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<tr>
<td>On the state of operational preparedness and readiness to respond to animal health emergencies</td>
<td>B.1 – Planning</td>
</tr>
<tr>
<td></td>
<td>B.2 – Equipping</td>
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<td>B.3 – Training</td>
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<td>B.4 – Testing</td>
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<td>B.5 – Monitoring, audit and review</td>
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<tr>
<td><strong>C. EMERGENCY PREVENTION</strong></td>
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<tr>
<td>On implementation of measures to prevent potential introduction or spread of animal health diseases into a country</td>
<td>C.1 – Effective prevention of introduction or re-emerging of animal health risks</td>
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<tr>
<td><strong>D. EMERGENCY DETECTION</strong></td>
<td></td>
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<tr>
<td>On the capacity to find and confirm the occurrence or presence of a pathogenic agent</td>
<td>D.1 – Early detection and warning</td>
</tr>
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<table>
<thead>
<tr>
<th>PPEP RESULTS DISPLAY</th>
<th>Tabular and graphic presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUNTRY SUMMARY RESULTS DISPLAY</td>
<td>Summary presentation – key priorities identified, and specific technical assistance required</td>
</tr>
<tr>
<td>Self-assessment colour &amp; number assigned</td>
<td>Interpretation for PPEP self-assessment purposes</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>---------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Red (1)</td>
<td><strong>No current developments</strong> - means that there is no planned or scheduled activity development</td>
</tr>
<tr>
<td>Amber (2)</td>
<td><strong>Development in progress</strong> - means that an activity has been planned and scheduled and is under development</td>
</tr>
<tr>
<td>Light Green (3)</td>
<td><strong>Development advanced</strong> - means that a planned and scheduled activity development is relatively close to completion</td>
</tr>
<tr>
<td>Green (4)</td>
<td><strong>Developed</strong> - means that a planned and scheduled activity development is completed, approved, implemented and enforced</td>
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</table>
PPEP outline: Overall, General outcomes & Specific outputs
PPEP outline:
Assign levels of development per activity
PPEP outline:
Identify needs for capacity support
PPEP outline:
Joint NSV and FAO needs assessment
PPEP outline:
Country summary results display

Summary Table – results data and for generating visual presentation

Expected final PPEP level of progress
Expected target PPEP level of progress
PPEP self-assessment current result on level of progress

This is just an example.
PPEP assessment... implementation as of 31 March 2023
Increasing collaboration with other FAO Sectoral Units

Operational
- Animal Health
- Plant Health
- Aquatic Health

Prototypes in the various development phase
- Natural Disasters
- One PPEP

Prototypes to be developed...
- Forestry?

PILLAR 1
Emergency Preparedness Cycle – a never-ending story

FIGURE 4
The emergency preparedness cycle

PLANNING
develop frameworks, systems, risk analysis and resource mobilization plans and procedures

EQUIPPING
secure the necessary equipment and supplies to implement the plan through resource mapping and mobilization

TESTING
develop, conduct and evaluate simulations that test the planning, equipment and training, and result in after action report and improvement planning

TRAINING
develop the knowledge, skills and abilities of those expected to implement the plans and procedures

Source: Authors
For a world prepared to manage high impact animal health emergencies

www.fao.org/emergencies
Emergency Management Centre

THANK YOU!

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