The One Health Platform in Cameroon

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Plan

- Context
- Zoonoses Program, Cameroon One Health Platform
- One Health Platform: achievements and impact
- Challenges and perspectives
- Conclusion
Context

475 422 Km$^2$

Human population: 27 744 989 hab.(est.)

Livestock population (Cattle: 6 millions, Small ruminants, 9 millions, Pig: 3.5 millions, ..)

Protected Areas, Wildlife, Biological Diversity and Agroecological Areas.
Context

Results of assessments (WHO - PVS, WHO - IHR, International Environmental Conventions)

World Health Organization

OMS, RSI, JEE, 2017

World Organisation for Animal Health
Founded as OIE

PVS PATHWAY EVOLUTION
adapting for an even brighter future of
improving animal health and welfare globally

Environmental and Biosafety Conventions

Cameroon
2006, 2011, 2022
Context

National focus

Vision 2025
NDS 30,
Strategies and sub-strategies,
National policies
Zoonoses Program, Cameroon One Health Platform

**Institutional basis**

- PM's decree on the creation, organisation and functioning of the Zoonoses Programme, April 2014
- **Mandate**
  - **Article 3**
  - Placed under the authority of the PM and the supervision of the SG/PM
- Promote the "One Health" concept through a multisector and multi-disciplinary approach
Zoonoses Program, Cameroon One Health Platform

1. COMITE DE PILOTAGE DE LA STRATÉGIE « UNE SANTÉ »
   - Président : SG Premier Ministre
   - Membres: Ministres + Partenaires

2. COMITE TECHNIQUE DU PROGRAMME ZOONOSE
   - Directeurs des Ministères techniques;

3. SECRÉTAIRE PERMANENT
   Composante 1 : Renforcement de la surveillance et la riposte
   Composante 2 : Renforcement de la recherche
   Composante 3 : Renforcement de la formation

Points focaux au MINEPIA; MINSANTE; MINFOF; MINEPDED

Programmation et planification des activités; mise en œuvre des activités, suivi évaluation du programme

Orientation politique et promotion de la Stratégie « UNE SANTÉ » pour tous les projets et programmes qui appliquent ce concept

Programme National de prévention et de lutte contre les zoonoses Émergentes et Ré-Émergentes

Promotion de l’approche Une Santé

Recherche fondamentale et développement sur les zoonoses

Sensibilisation et Communication

World Organisation for Animal Health
Founded in 1920

Organisation
One Health Platform: achievements and impact

1- PREVENTION AND MITIGATION

- Prioritisation of zoonotic diseases
- Risk Assessment
- Epidemiological surveillance
**Prioritisation of zoonotic diseases: 02 exercises**

### Prioritisation, 2016

**Agro-ecological Zones**

<table>
<thead>
<tr>
<th>No</th>
<th>Regions</th>
<th>Priority Zoonoses</th>
<th>Other Zoonoses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bimodal rainforest zone</td>
<td>CE, SU and ES</td>
<td>M bovine Tuberculosis</td>
</tr>
<tr>
<td>2</td>
<td>Monomodal rainforest zone</td>
<td>LT, SW</td>
<td>HPAI</td>
</tr>
<tr>
<td>3</td>
<td>Highlands zone</td>
<td>OU, NW</td>
<td>HPAI</td>
</tr>
<tr>
<td>4</td>
<td>High savanna zone</td>
<td>AD</td>
<td>M bovine Tuberculosis</td>
</tr>
<tr>
<td>5</td>
<td>Sudano-sahelian zone</td>
<td>NO, EN</td>
<td>Rabies</td>
</tr>
</tbody>
</table>

**Key:**
- Rabies
- Anthrax
- HPAI
- Ebola
- Bovine Tuberculosis

**Review of prioritisation 2020**

**Impacts:** Risk better perceived, plans and interventions oriented
02 Joint Risk Assessments conducted

- 01 on the emergence of monkeypox in the Centre, South and East regions and the spread of COVID-19 at the human-animal-environment interface

- 01 on the emergence of bovine tuberculosis and brucellosis at the human-animal-environment interface

Conducted by the country’s pool of experts
Epidemiological surveillance

- Development of an SOP for multisector surveillance;
- Technical, material and financial support for missions to investigate outbreaks of monkeypox, rabies, anthrax, brucellosis... on average 5 multisector investigations per year;
Epidemiological surveillance in protected areas

Capacity building of ecoguards on wildlife monitoring in protected areas; one training session per year, about 100 ecoguards trained in 4 years
Rumour Management, strengthening early detection...

Studies conducted for the development of an integrated rumour management system (Cmr One Health Rumour Management System (COHRMS))
One Health Platform: achievements and impact

2- PREPAREDNESS

- Plans and procedures
- Training
- Simulation Exercises
Development of documents, plans and SOPs
### Training (1/2)

<table>
<thead>
<tr>
<th>Themes</th>
<th>Targets attained</th>
<th>Perception of impact/results</th>
</tr>
</thead>
</table>
| **One Health approach and health security** | 30 Senators                                                                   | - Advocacy to improve legislation  
- Orientation of funding                                                                        |
|                                             | 200 staff of sector ministries at central and deconcentrated levels in 5 years | - Strengthening multisectoral collaboration – Creation of Regional OH groups                 |
|                                             | 18 Civil Society Organisations                                                | - Appropriation of the OH approach                                                           |
| **Epidemiological Surveillance**            | 100 eco-guards in 4 years                                                    | Early detection and reporting of zoonotic diseases in protected areas                        |
## Training (2/2)

<table>
<thead>
<tr>
<th>Themes</th>
<th>Target attained</th>
<th>Perception of impact/results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Risk Communication and Community Engagement</td>
<td>30 staff of ministries at the central level</td>
<td>- Appropriation of the OH approach</td>
</tr>
<tr>
<td></td>
<td>20 media actors</td>
<td>- Appropriation of the approach, stakes and networking</td>
</tr>
<tr>
<td></td>
<td>20 public health communicators</td>
<td>- Appropriation of the approach, stakes and networking</td>
</tr>
<tr>
<td></td>
<td>35 persons representing 18 Civil Society Organisations</td>
<td>- Community engagement</td>
</tr>
<tr>
<td>Emergency management (IMS and PHEOC)</td>
<td>30 staffs from partner ministries at the national level</td>
<td>- Appropriation of the IMS</td>
</tr>
</tbody>
</table>
Success story with CSOs

3 trained CSOs developed action plans for community based actions in response to Covid 19:

- Dialogue with communities on immunization
- Sensitization on barrier measures, with emphasis on hand washing
- Detecting rumours on Covid 19
- Adopting healthy behaviours to prevent zoonotic diseases
- Food safety

CSO OH network created
Simulation Exercises

- 01 functional multi-sector case management exercise on Ebola (Women’s AFCON 2016)

- 01 multi-sector (tabletop) exercise for zoonotic disease outbreak management, with the involvement of the private sector and the civil society
One Health Platform: achievements and impact

3- RESPONSE

▪ Coordination
▪ Technical and material support
▪ Infrastructure
Multi-sector management of monkeypox cases

- Funding of multi-sector investigations
- Production and distribution of sensitization tools
- Prompt response
Multi-sector management of HPAI/ H5N1 (2016, 2022)

Multi-sector interventions

- Joint press release
- Joint press conferences
- Sharing of reports between the two ministries
- Laboratory surveillance network, joint investigations

Prompt responses
- Shared response efforts
- Material support
- Shared expertise
- Consistency in crisis communication
One Health Platform: achievements and impact

4- COMMUNICATION
Communication (1/2)

- Established a **working group** on risk communication and community engagement
- Sensitization of about **1500 people at risk** through specific campaigns,
- the celebration of World Days (Zoonoses, Rabies, OH, AMR)
Communication (2/2)

➢ Strengthening of digital communication (website, twitter account, facebook account...)
➢ Development of an annual One Health Magazine and a quarterly newsletter
Challenges and perspectives

During the Evaluation of the One Health Platform with the One Health Monitoring Tool, gaps were identified in certain domains, and we look forward to fill those gaps.

Follow also the recommendation of alignment with the "One Health" quadripartite action plan.
Challenges and perspectives

- Sustainable financing of the program and the contribution of the sectors and partners involved
- The true operationalization of the "One Health" approach at the deconcentrated level (Regions, Departments, Arrondissements or Communes);
- This platform should take into account other public health issues such as antimicrobial resistance, food safety, etc.
Challenges and perspectives

- Operationalization of the One Health Summer Institute
- Establish an integrated mechanism for collecting and sharing data on priority zoonoses and other zoonotic threats
- Operationalisation of the rumour management system
- Organisation of a National One Health Conference (World One Health Day)
Challenges and perspectives

- Development of a One Health training manual and a One Health toolkit
- Support for the strengthening of the technical capacities of laboratories for the diagnosis of priority zoonoses
- Support for the operationalisation of the One Health CSO network (ROOHCAM)
- Support for the development of the animal health EOC
Conclusion

Collaboration  Coordination  Communication  Capacity Building
Thank you

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