

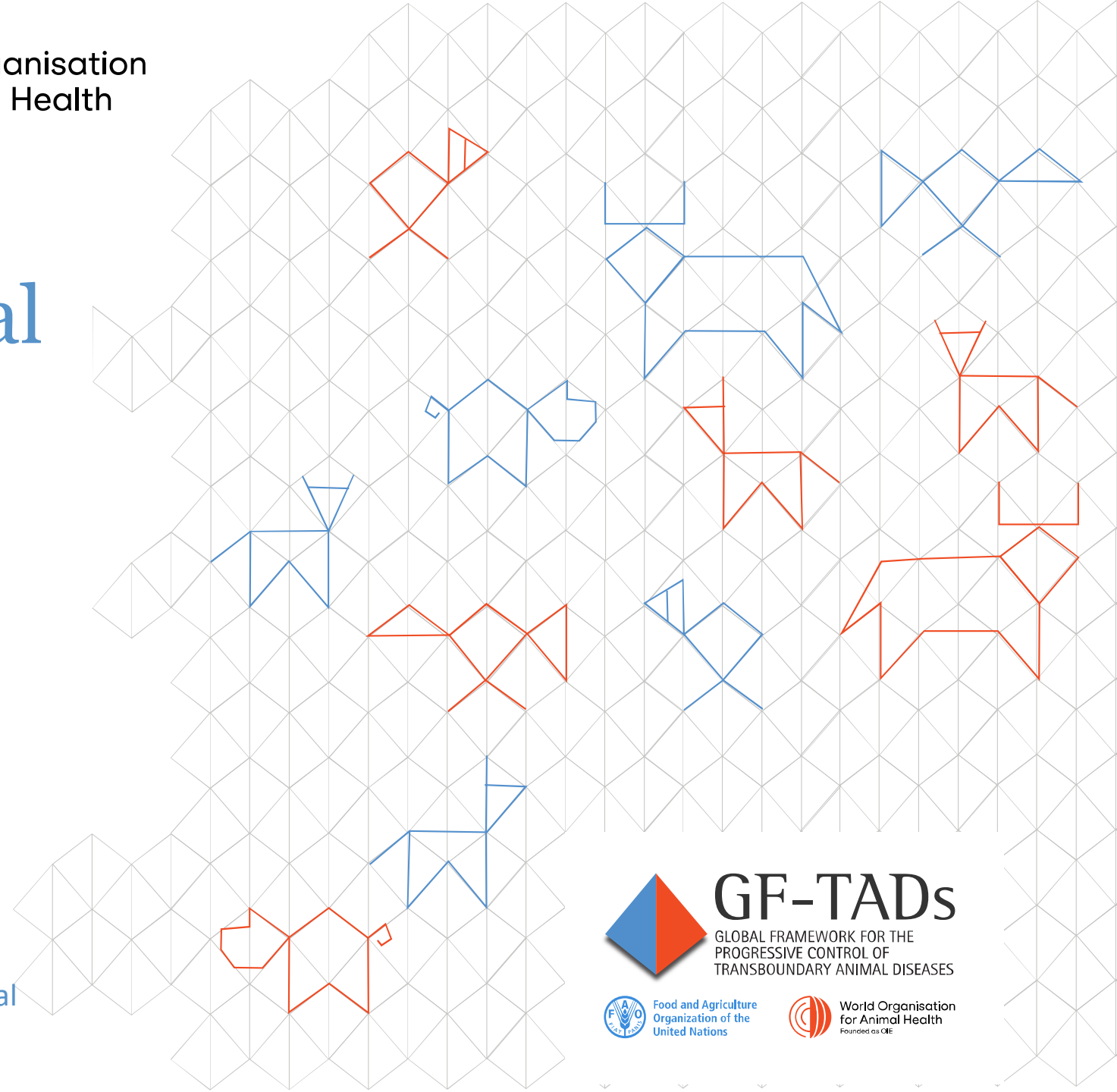


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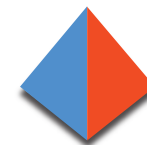
Avian Influenza Global Strategy (AI GS)



David Castellan

International Veterinary Epidemiology Consultant

Senior Fellow in Epidemiology, Institute for Infectious Animal
Diseases, Texas A&M University



GF-TADS

GLOBAL FRAMEWORK FOR THE
PROGRESSIVE CONTROL OF
TRANSBOUNDARY ANIMAL DISEASES



Food and Agriculture
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2nd FAO/OIE Regional Meeting on Avian Influenza Control in Asia. Ho Chi Minh City, Viet Nam, 2005.

AI GS Background and Timeline

1996-2004

- A/goose/Guangdong/1/1996
- HPAI H5N1 was first reported in 1997 in Hong Kong and, by 2004, nine countries in East and Southeast Asia reported the virus

2008:

- Current version: “The Global Strategy For Prevention And Control Of H5N1 Highly Pathogenic Avian Influenza”

2005:

- 2nd FAO/OIE Regional Meeting on Avian Influenza Control in Asia (Ho Chi Minh City, Viet Nam).
- First version: “A Global Strategy for the Progressive Control of Highly Pathogenic Avian Influenza (HPAI)”

Since 2010:

- Expansion of spatial, temporal and host distribution of clade 2.3.4.4 with increasing impact globally, including the Americas.

2023:

- March 2023 - AITF
- April 2023 - Standing Group of AI Experts for the Americas (Mexico)
- May 2023
 - Global Consultation on HPAI (Rome)
 - Standing Group of AI Experts for Europe
 - WOAHA General Session: AI Animal Health forum

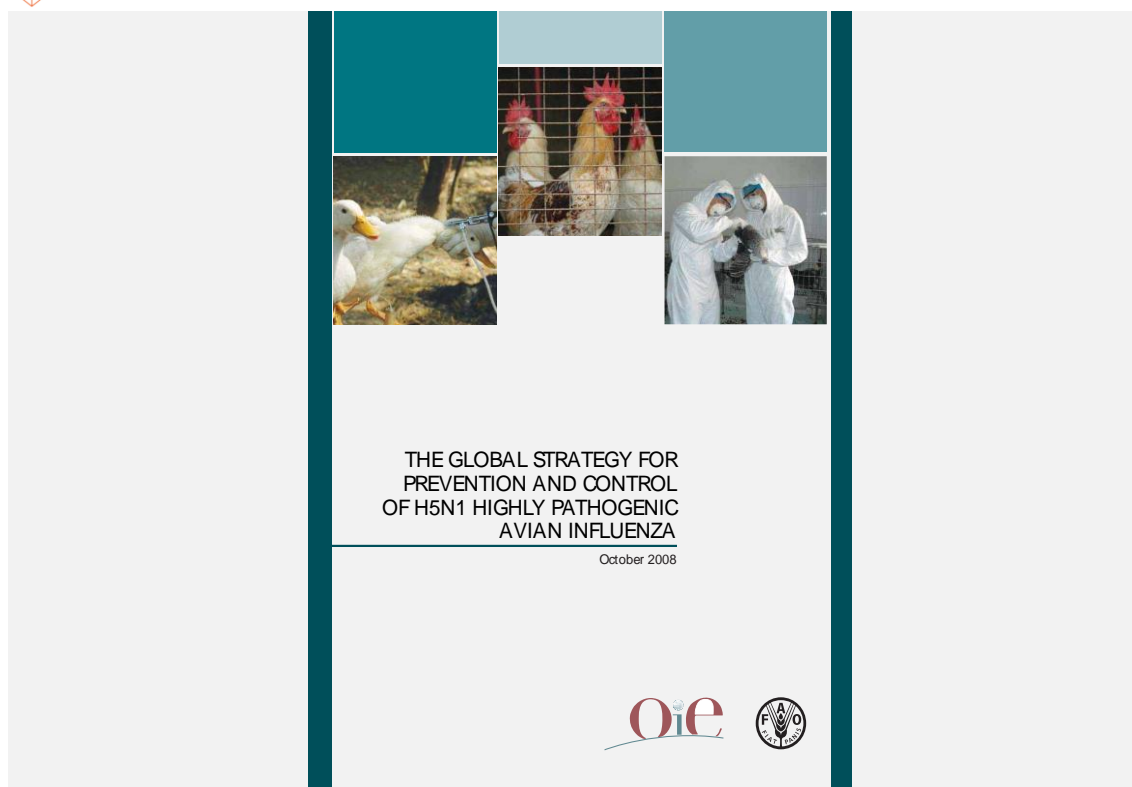
Survey on the relevance and use of the 2008 global avian influenza control and prevention strategy

- A survey including 33 questions was submitted on 20 Jan 2023 to 109 experts from FAO and WOA and AI reference centers at various levels (Global, regional, and national).
- Responses received from 39 experts, of them 25% (n=10) were not aware at all about the strategy,

Summary of the results

- ~50% of the respondents have used the strategy, mostly in Africa, however it is not clear for how long they have used it during the ten years implementation period (2008-2018).
- The average proportion of responses that indicated partial to no achievement of the strategy objectives at global, regional and national levels are 52.8%, 60% and 60% respectively.
- ~60% of responses indicated partial to no achievement of the strategic objectives in terms of fund raising for emergency assistance and promotion of regional approach for controlling HPAI.
- The obvious agreement among majority the respondents (>70%) that the strategy was not well communicated in addition to the lack of action plan and monitoring and evaluation scheme for the progress, which is also supported by 25% of the respondent not being informed about the strategy at all.

Revision of the AIGS



<https://www.fao.org/3/a1145e/a1145e00.htm>

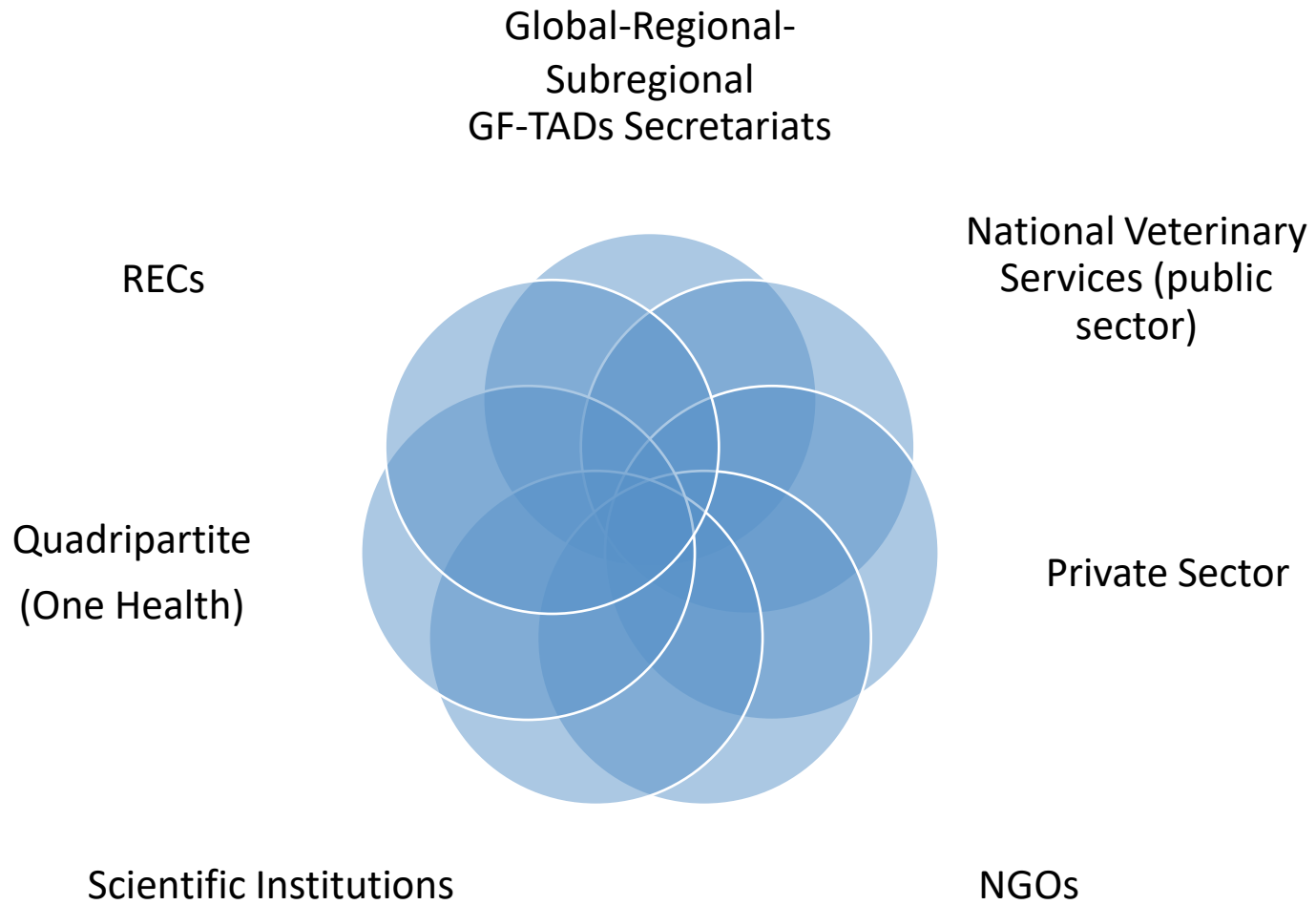
General Objective:

Revise the avian influenza global strategy for a variety of contexts, to support national, regional, and global strategic plans.

Specific Objectives:

1. Ensure ownership, multicentric and transparent governance
2. Align and adapt the revised global strategy with current evidence
3. Provide a pathway to operationalize the Global Strategy at national, regional, and global levels

Stakeholders



**Consultations within
Quadripartite (WOAH,
FAO, WHO, UNEP)**

- Global coordination
 - Conduct regional survey and workshops
 - Subregional inputs added

**Consultations with
Scientific Institutions
(e.g., ILRI, CIRAD)**

- Global coordination
 - Conduct regional survey and workshops
 - Subregional inputs added



Scope of Work: Avian influenza task force (AITF) members and consultants

AI Task Force Members:

FAO: Ismaila Seck and Ihab ElMasry

WOAH: Gounalan Pavade and Alexandre Fediaevsky

Subject Matter Experts:

David Castellan, Cheikh Fall, David Swayne, Andrea Ellis

Global Secretariat (support):

Gian Cosseddu, Karima Ouali, Bouda VosoughAhmadi, and Alexandre Fediaevsky

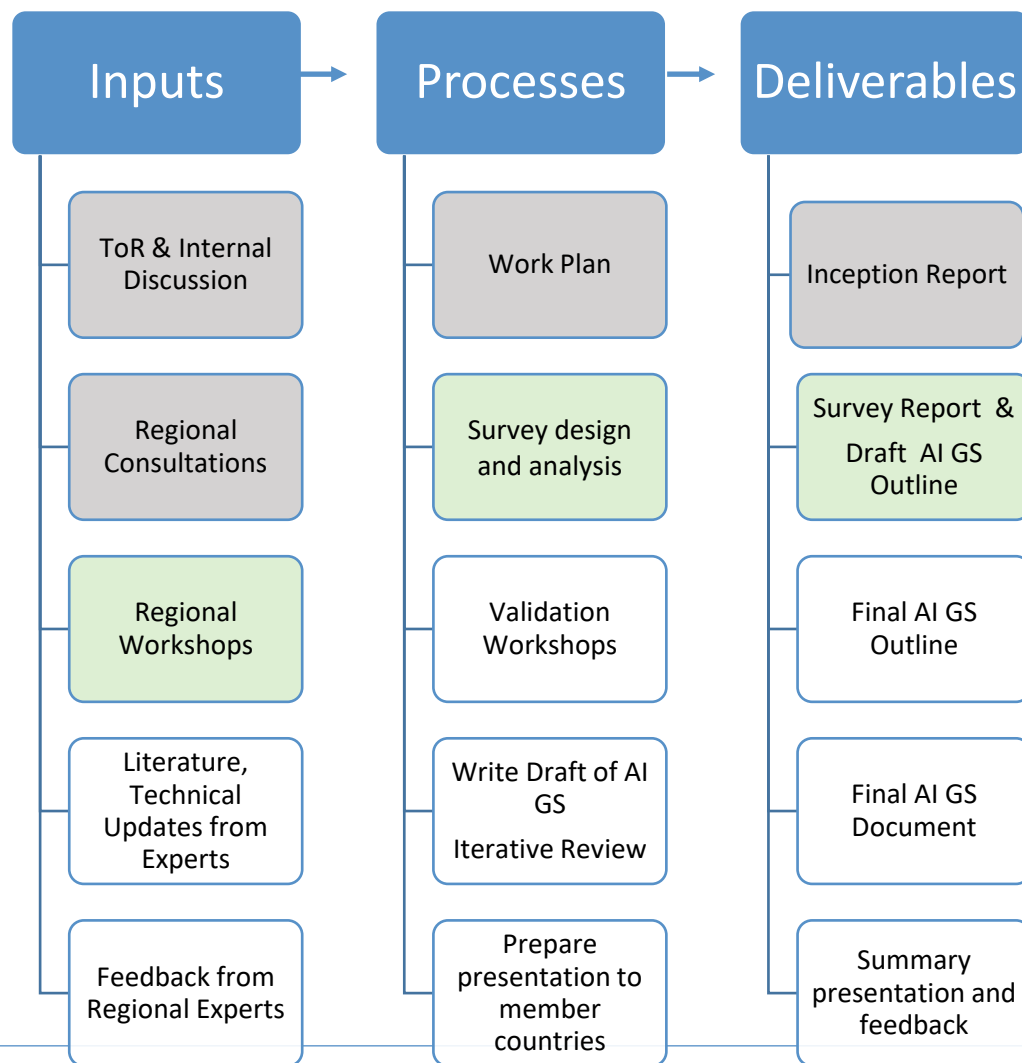
Scope of Work: Project Management

Project Work Plan:

- 1 March – 30 June 2023
- Four consultants
- 100 person-days total

Deliverables	Activities	Outputs	March				April				May					June			
			1	2	3	4	1	2	3	4	1	2	3	4	5	1	2	3	4
1. Inception Report	1.1 Develop work plan	- Narrative, work plan, Gantt chart	X																
	1.2 Develop methodology	- AI global strategy scope, stakeholders, methodology and initial components	X																
	1.3 Internal review	- Draft and final inception report		X															
2. First draft outline AI global strategy	2.1 Develop, pre-test and administer online questionnaire in coordination with concurrent surveys by WOA and FAO	- Draft and final versions			X	X	X												
	2.2 Deliver online questionnaire, compile results, analyze and summarize results	- Final survey report				X	X	X											
	2.3 Develop draft outline AI global strategy	- Draft outline and theory of change				X	X												
	2.4 Hold consultative online reviews of draft	- Session recordings and meeting minutes				X	X	X	X	X	X								
	2.5 Review inputs and update changes	- Revised outline and theory of change								X	X								
3. Validation workshops	3.1 Plan regional expert consultative workshops	- Concept note; assessment tool								X									
	3.2 Conduct regional validation workshops	- Session recordings completed and meeting minutes								X	X	X	X						
	3.3 Validate the AI global strategy	- Assessment tool feedback								X	X	X							
4. Final AI Global Strategy	4.1 Final review of technical materials	- Summary matrix									X								
	4.2 Develop first draft	- AI global strategy first draft									X	X	X	X					
	4.3 Refine the first draft	- Refined first draft											X	X	X				
	4.4 Finalize the AI global strategy	- Final AI global strategy															X	X	
5. Final Webinar of WOA and FAO member countries	5.1 Prepare PowerPoint Presentation	- Summary presentation of AI global strategy																	X
	5.2 Facilitate webinar	- Feedback from participants																	X
6. Final consultancy report	6.1 Prepare a final consultancy report	- Final consultancy report per FAO guidelines																	X X

Scope of Work: Outline of AI GS development process and deliverables



Legend: 30 March

Completed

In progress

**AVIAN INFLUENZA
GLOBAL STRATEGY**

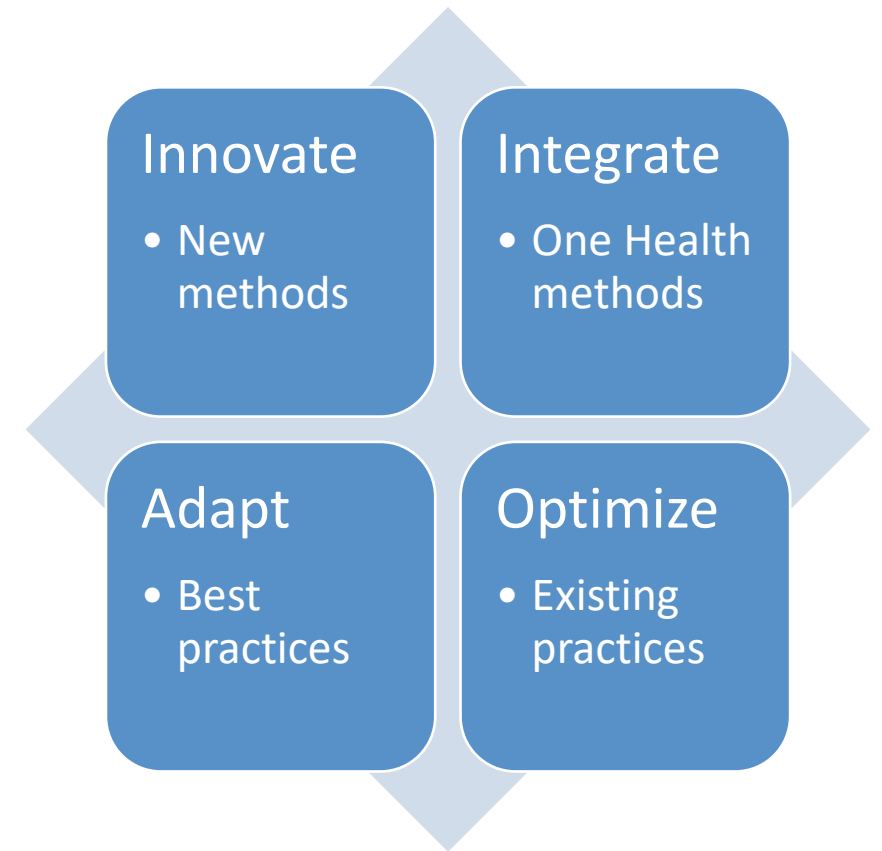
Inclusive
Transparent
Collaborative
Adaptable



**NATIONAL AND REGIONAL
STRATEGIC PLANS**

Guiding principles for development of the AI GS

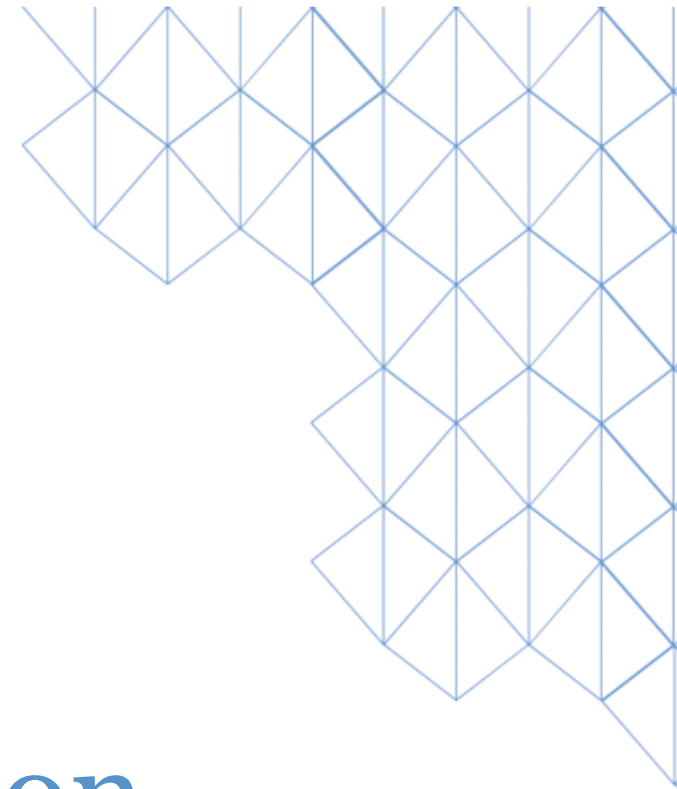
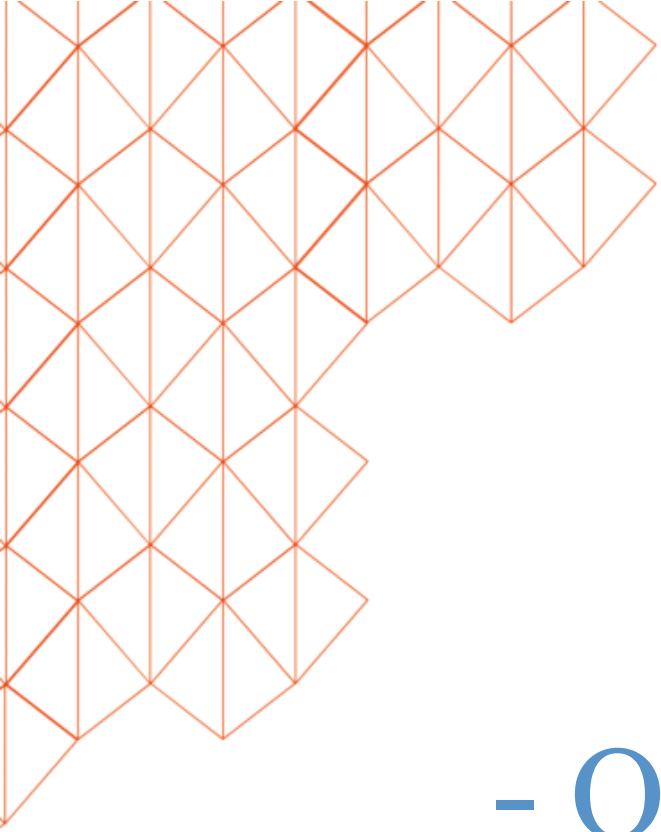
1. **Temporal and Spatial Horizon of the Revised Global Strategy**
2. **Regional and Subregional Expert Representation**
3. **Apply updated technical evidence**
4. **Avian Influenza Through a One Health Lens**
5. **Public-Private Partnerships (PPP)**
6. **Governance**
7. **Risk-Based Approaches**
8. **Global Spread and Endemicity of HPAI Viruses**
9. **Social, Economic, and Cultural Aspects**
10. **Cross-Cutting Opportunities with Existing Platforms**



Tactical approaches for strengthening AI control measures

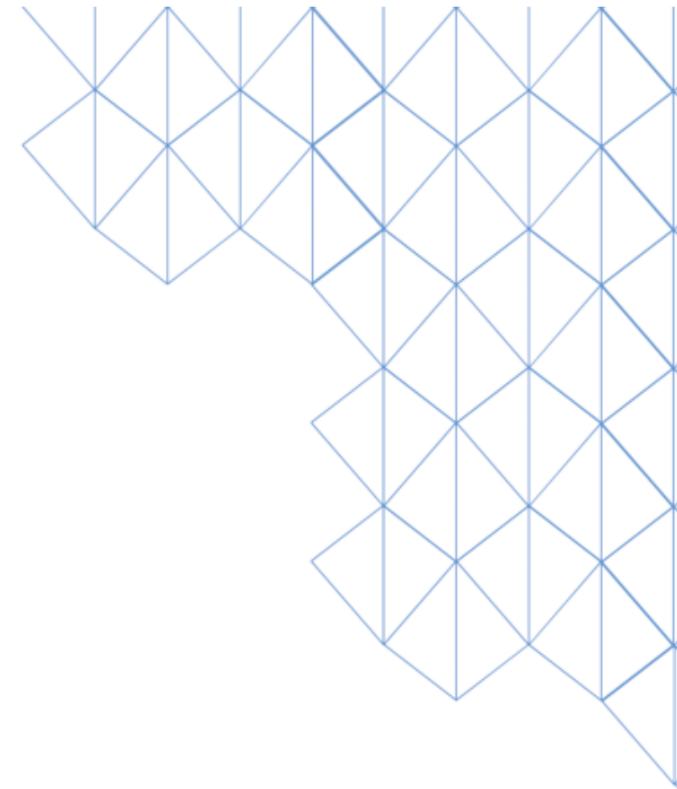
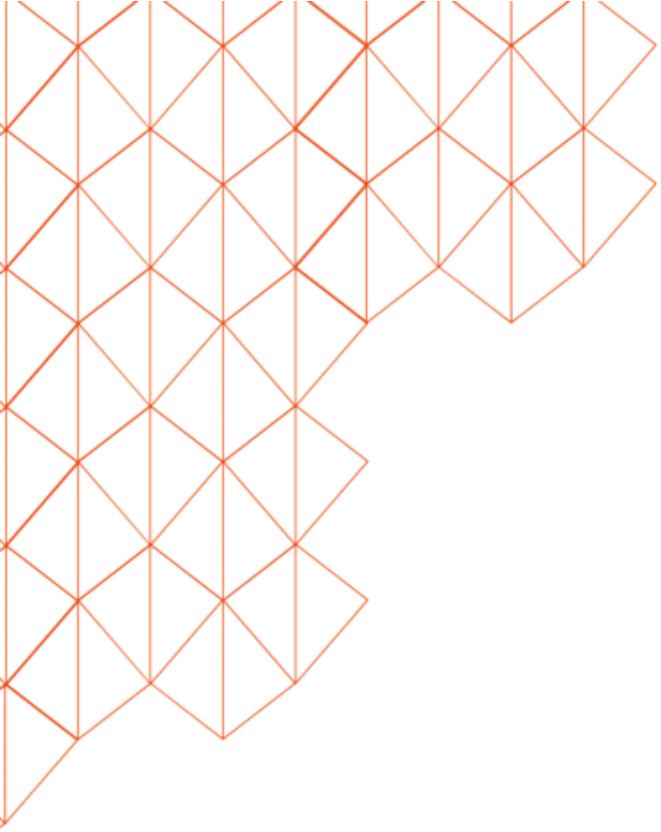
“Bottom-up Approach”

- ✓ Initiate the development of an outline of the avian influenza global strategy (AIGS) document
 - ✓ Based on inputs from avian influenza experts across regional level, representing the public and private sectors and key scientific institutions.
- ✓ Compile a list of key regional stakeholders
- ✓ Beta-testing and final online questionnaire sent to regions
- The outline will be iteratively refined through a series of regional consultative workshops to serve as the framework for a revised full-text version of the AIGS



- Questions and Discussion-

Thank you for your
collaboration



Discussion:

Preliminary Survey Results of Key Questions (n=23)

Preliminary Survey Results (n=23)

Q34: Please list three strategic objectives that should be included the revised avian influenza global strategy

Rank 1 Responses	Rank 2 Responses	Rank 3 Responses
Sustainability of poultry farming	preparedness, prevention and control of HPAI	ensure business continuity
biosecurity by way of keeping and farm size	prevention without killing healthy poultry	biosecurity measures implemented
status free of disease	vaccination	easy and portable system for DIVA
Risk Assessment Methodology	early detection	Assistance to countries in the implementation of the strategy
to enhance cooperation and collaboration	Overall assessment of country capabilities	to strengthen national veterinary services
better and faster exchange of information	to support countries on their way to AI freedom	cooperation between countries, i.g. sharing of documents
continuation of transparency	Transmission and effects on other species	
multisectoral coordination following OH	analysis of the virus genome	
Type of Objective	Type of Objective	Type of Objective
Enabling environment (4)	Enabling environment (2)	Enabling environment (3)
Sustainable practices (2)	Prevention and control (4)	Prevention and control (2)
Risk reduction (2)	Research studies (2)	Research studies (1)

Ranking by Type of Objective:

1. Enabling Environment (9)
2. Prevention and control strategies (6)
3. Research (3)
4. Risk reduction (2)
5. Sustainable practices (2)

Preliminary Survey Results (n=23)

Q16: List three key challenges your region or sub-region or country is facing to prevent and control avian influenza

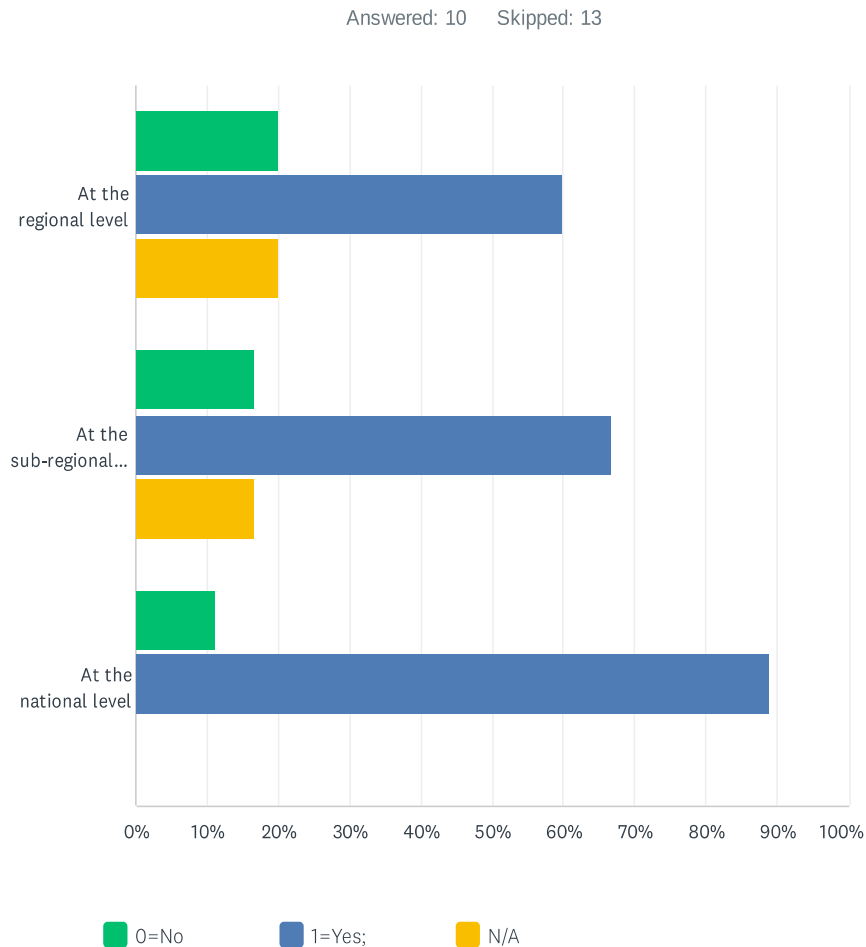
Rank 1	Rank 2	Rank 3
lack of Government support and timely compensation	no I & R system for poultry	weak national animal health delivery systems
staff shortage if there are many outbreaks	small farms	administration of areas with higher risk
The country is on Bird Migration Routes	protection of regions with extremely high density of poultry houses	Trading with the World Poultry Industry
It is impossible to control the migration of wild birds	no free range of poultry vs. animal welfare	public awareness
8 migration routes of wild waterfowl go through the territory of Russia, potential virus-carriers of AI	There are many wetlands in the country	method of killing poultry
protection of free-range poultry (ducks, geese)	poor implementation of biosecurity measures in the farm	Consider introducing vaccination in certain poultry
surveillance, movement control, targeted vaccination	Lack of awareness among bird keepers	
weak passive surveillance		
there is no up-to-date database		
Type of Challenge	Type of Challenge	Type of Challenge
Enabling environment	Susceptible populations at risk	Enabling environment
Risk of wild bird introduction	Risk of wild bird introduction	Risk of introduction
Biosecurity	Biosecurity	Risk communication
Surveillance and data management	Risk communication	Risk Reduction methods

Ranking by Type of Challenge:

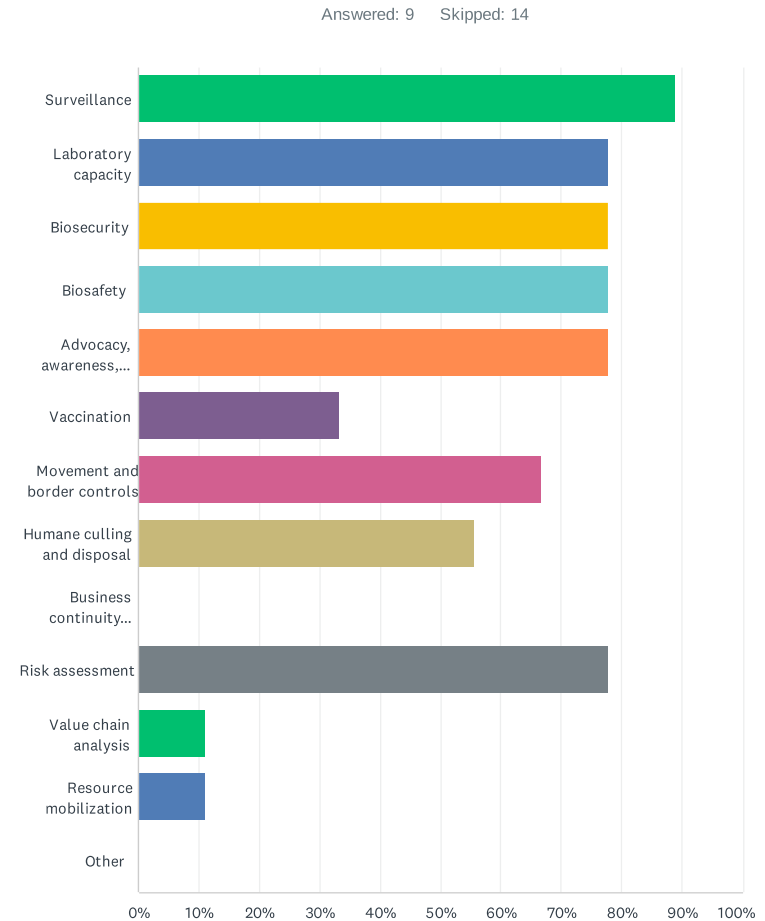
1. Risk of introduction (5)
2. Enabling Environment (4)
3. Susceptible populations at risk (4)
4. Surveillance and data management (3)
5. Biosecurity (2)
6. Risk Reduction (2)
7. Risk communication (1)
8. Risk communication (1)

Preliminary Survey Results (n=23)

Q12: Does your region or sub-region currently have an official strategic plan for the control of avian influenza? (0=No; 1=Yes; 99=Not applicable)



Q13 if you answered "Yes" at either level, which elements are included in the strategic plan? [select any that apply]



Preliminary Survey Results (n=23)

Q29: List three (3) ways to strengthen inter-regional cooperation for avian influenza early warning, preparedness and response

Stakeholders

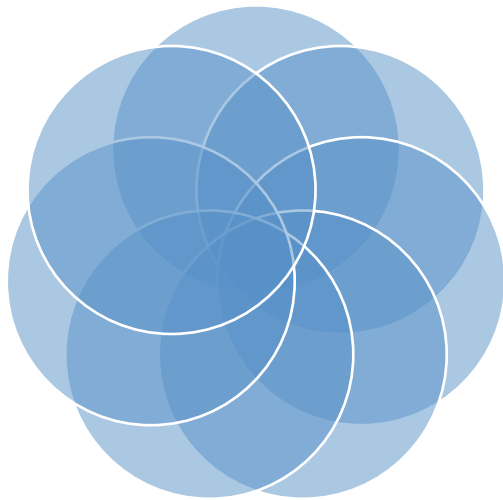
Regional economic communities

Key Institutions and stakeholders

Farmers

Ministry of Environment

General public



Activities

- Meet regularly
- Develop coordination mechanisms
- Develop interactive information sharing platforms*
- Conduct training (joint) - veterinarians, farmers, countries, region
- Implement awareness campaigns
- Coordinate investigations
- Update the regional HPAI strategy
- Manage financial resources
- Update risk maps
- Conduct simulation exercises
- Use the One Health platform
- Implement rapid laboratory detection and information sharing
- Detect the virus rapidly
- Respond rapidly
- Coordinate logistics for laboratory sample shipping



Recommendations

- 
1. Begin here