

## Technical Item I

# “The role of Animal Health and Veterinary Services in One Health and pandemic prevention and preparedness”

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01/10/2024, Samarkand

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World  
Organisation  
for Animal  
Health  
Founded as OIE

Organisation  
mondiale  
de la santé  
animale  
Fondée en tant qu'OIE

Organización  
Mundial  
de Sanidad  
Animal  
Fundada como OIE



## Index

### Section 1. Introduction and Background

The goal

Examples of OH initiatives at the global, regional, and national level

### Section 2. Methods

### Section 3. Results

Sections 1-5 of the questionnaire

### Section 4. Key Findings in Context and Conclusions



# Section 1

# Introduction and Background

The Goal

Examples of OH Initiatives

Global Level

Regional Level

National Level



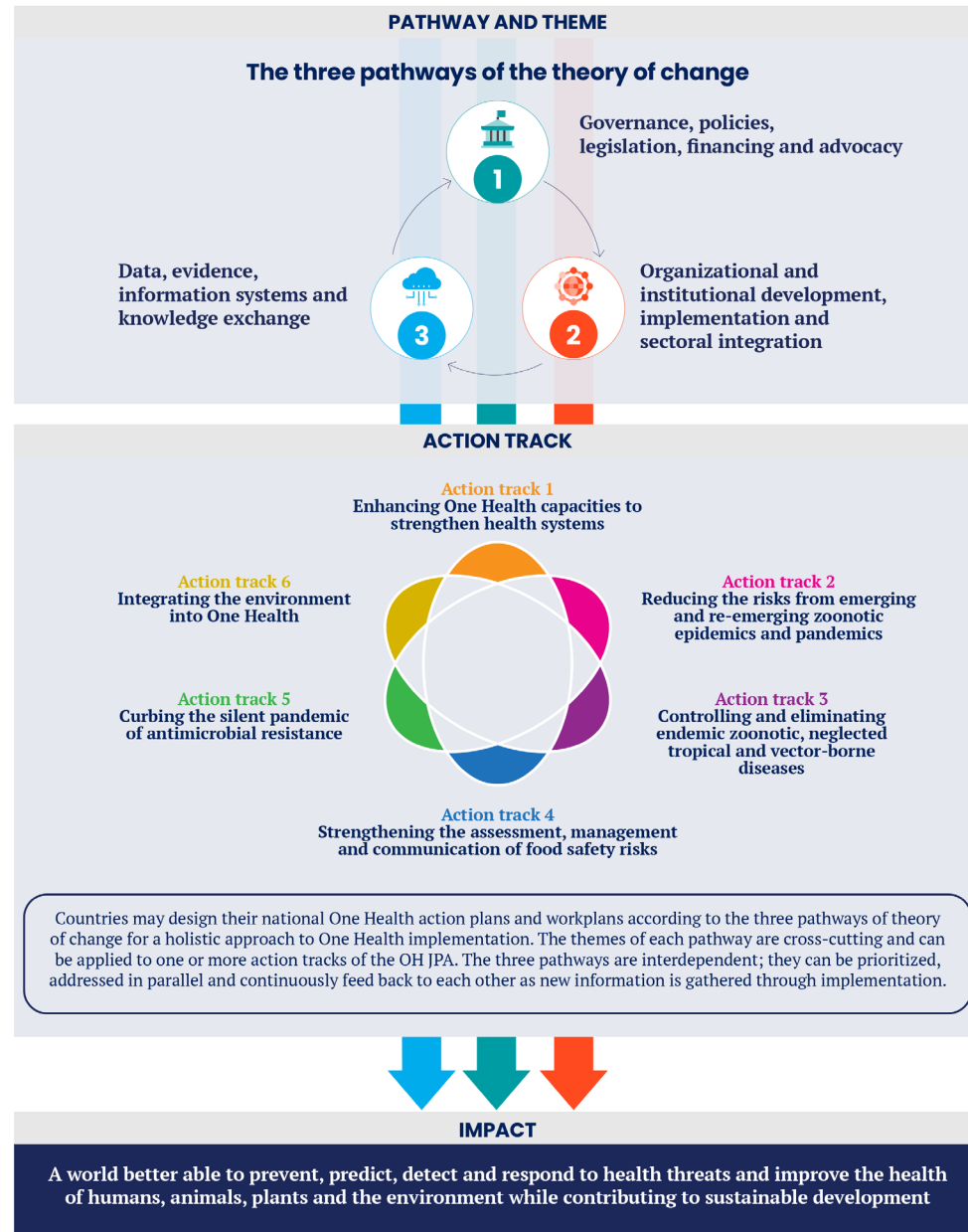
## The Goal

Topic of “Pandemic preparedness in Europe: the **role** of Animal Health and Veterinary Services [VS] in **One Health [OH] and pandemic preparedness**” adopted as Technical Item I during the 90th General Session held in May 2023.

How to **support** Members in developing an appropriate environment to implement OH and pandemic prevention and preparedness



# A guide to implementing the One Health Joint Plan of Action at national level





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# Are you familiar with the JPA implementation guide?

0

Not at all

0

Somewhat

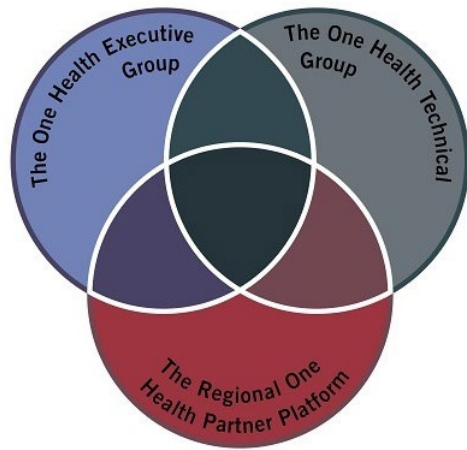
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Yes





# One Health Coordination Mechanism for European Region



Food and Agriculture  
Organization of the  
United Nations



UN  
environment  
programme



World Health  
Organization  
European Region



World Organisation  
for Animal Health  
Founded in 1924



Funded by  
the European Union



Federal Ministry  
Republic of Austria  
Social Affairs, Health, Care  
and Consumer Protection

**One Health Seminar for the European Region**  
Vienna, Austria, 11-13 June 2024

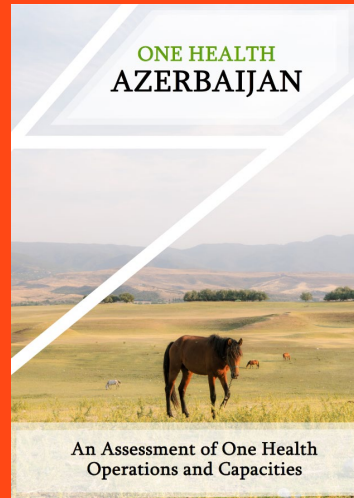


**The  
Pandemic  
Fund**

FOR A RESILIENT WORLD



## Examples of OH Initiatives at the National Level







# Section 2

# Methods

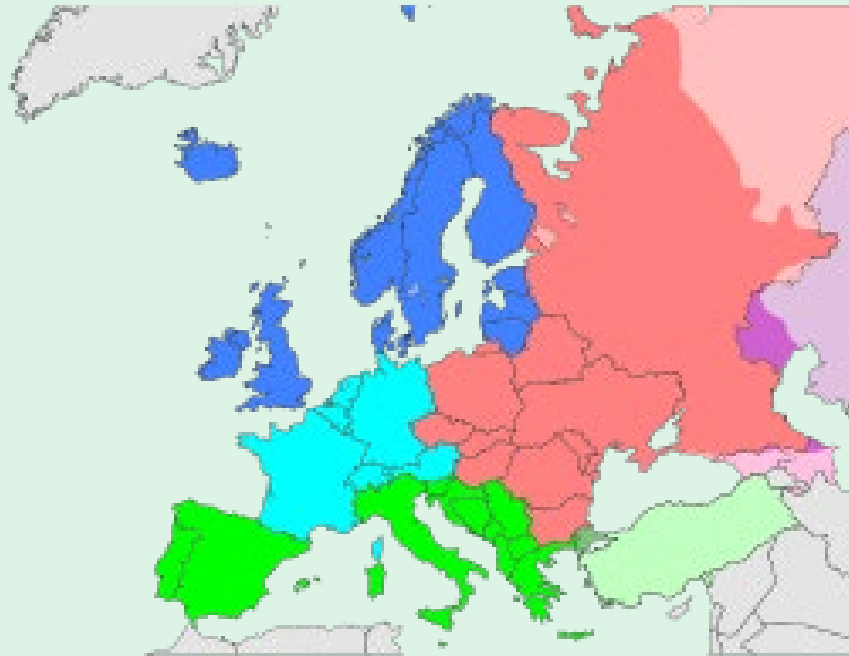
Participants

Questionnaire



## Participants

## Target: 53 Member States



Southern Europe 17

Central-Eastern Europe 12

Western Europe 8

Northern Europe 10



Central Asia 5



Israel



## Questionnaire

1. Current enabling environment determining the implementation of One Health: 3 questions
2. One Health in practice: how One Health translates into prevention and preparedness for pandemics within veterinary services: 4 questions
3. The potential role that VS had during the COVID-19 pandemic and how prepared VS are for a further unusual event: 3 questions
4. Tools and evaluations that VS have performed, used and/or might need: 3 questions
5. How can WOAHA support the work of VS to incorporate One Health principles in prevention and preparedness for pandemics: 1 question



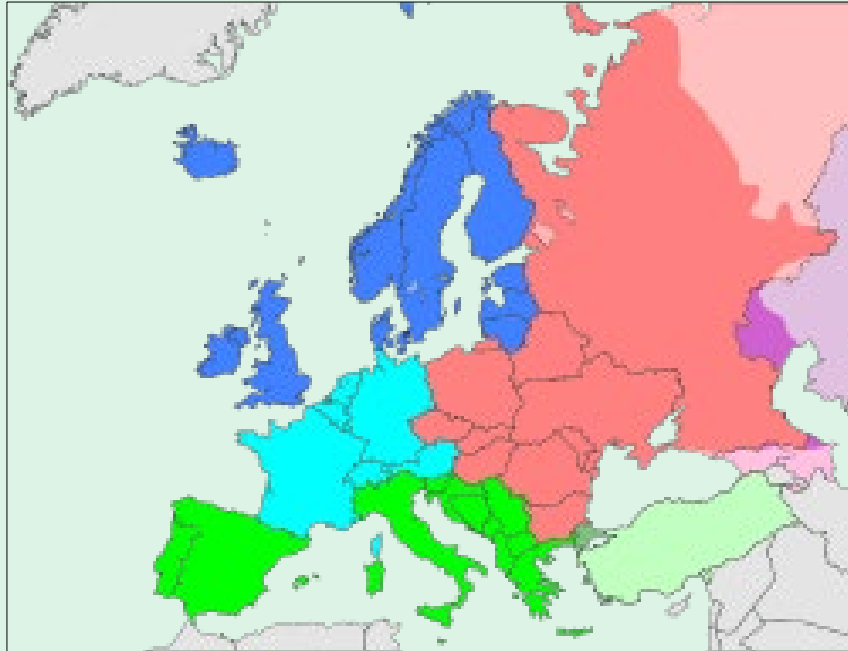
# Section 3

# Results

1. Current enabling environment
2. One Health in practice
3. Role during the COVID-19 pandemic and a further unusual event
4. Tools and evaluations
5. How can WOAH support

## Respondents

## 41 Member States



Southern Europe 76,5%

Central-Eastern Europe 58,3%

Western Europe 100%

Northern Europe 80%



Central Asia 100%



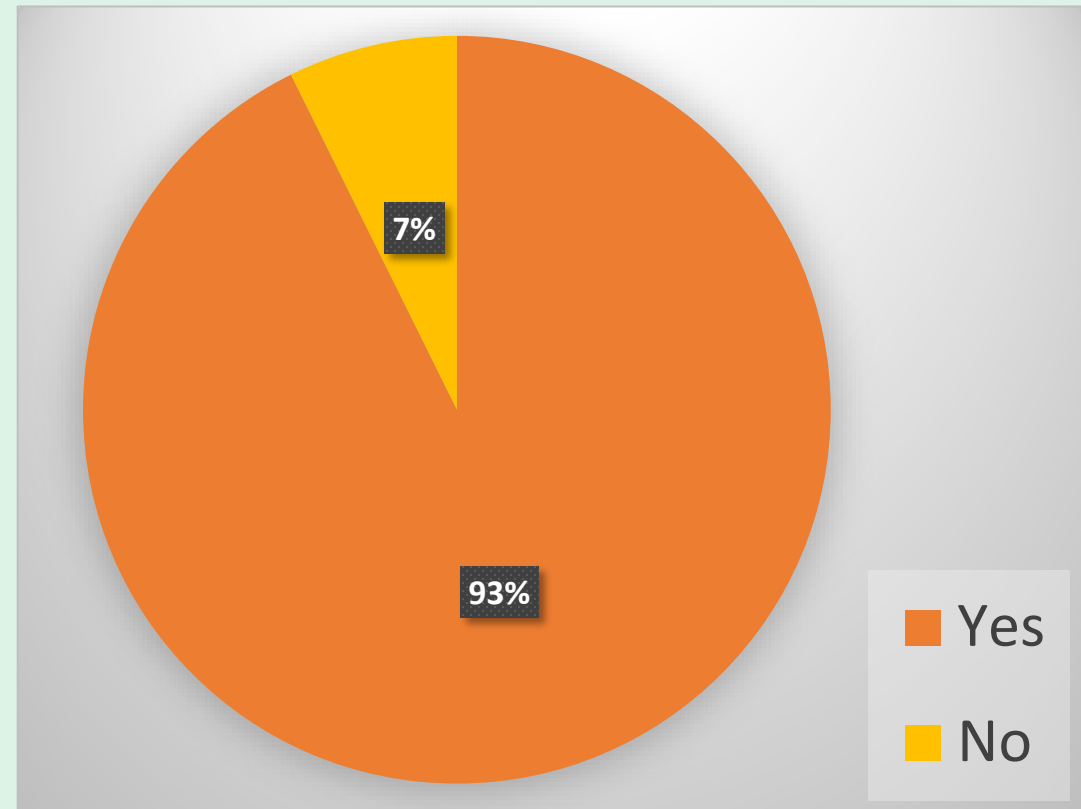
## 1. Current enabling environment

# Political Support And Engagement for OH Initiatives

From the 93% that have support:

19 at the ministerial level combined with further levels

15 at a specific program combined with further levels



## 1. Current enabling environment

# Designated OH Coordinating Body or Mechanism in Place

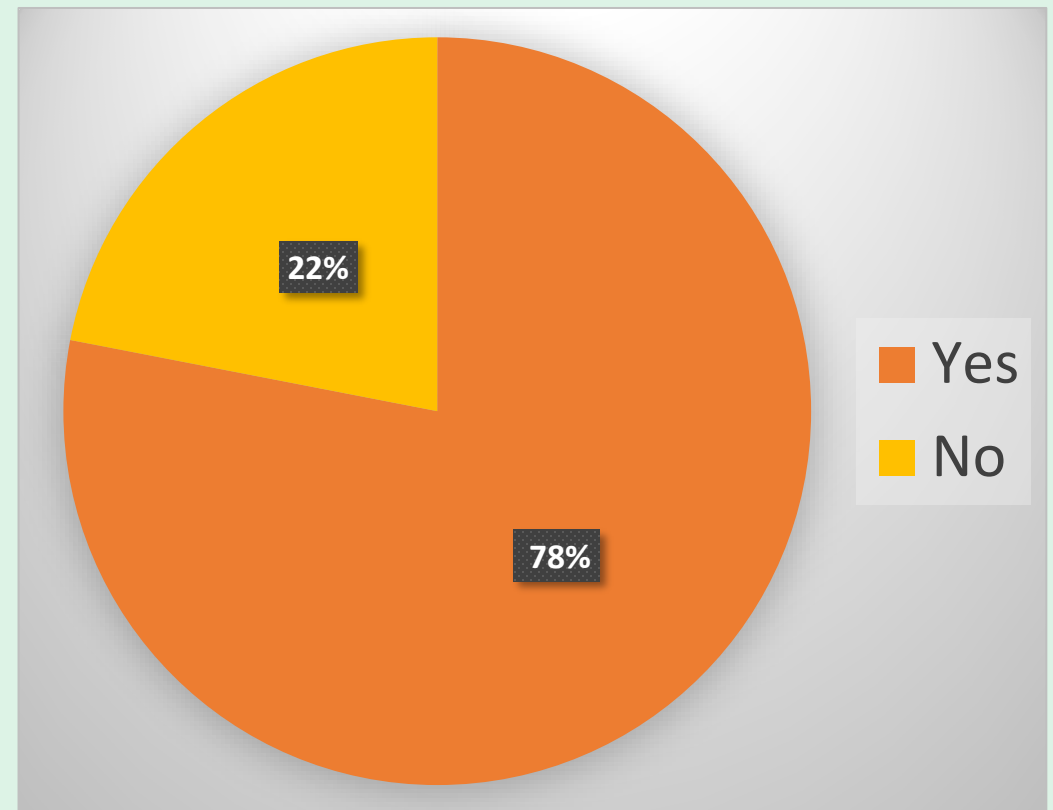
From the 78% that have a designated coordinating body:

1 at a higher level than the ministries

19 at the ministerial level (3 also on an ad hoc basis)

7 on ad hoc basis only

5 a different type





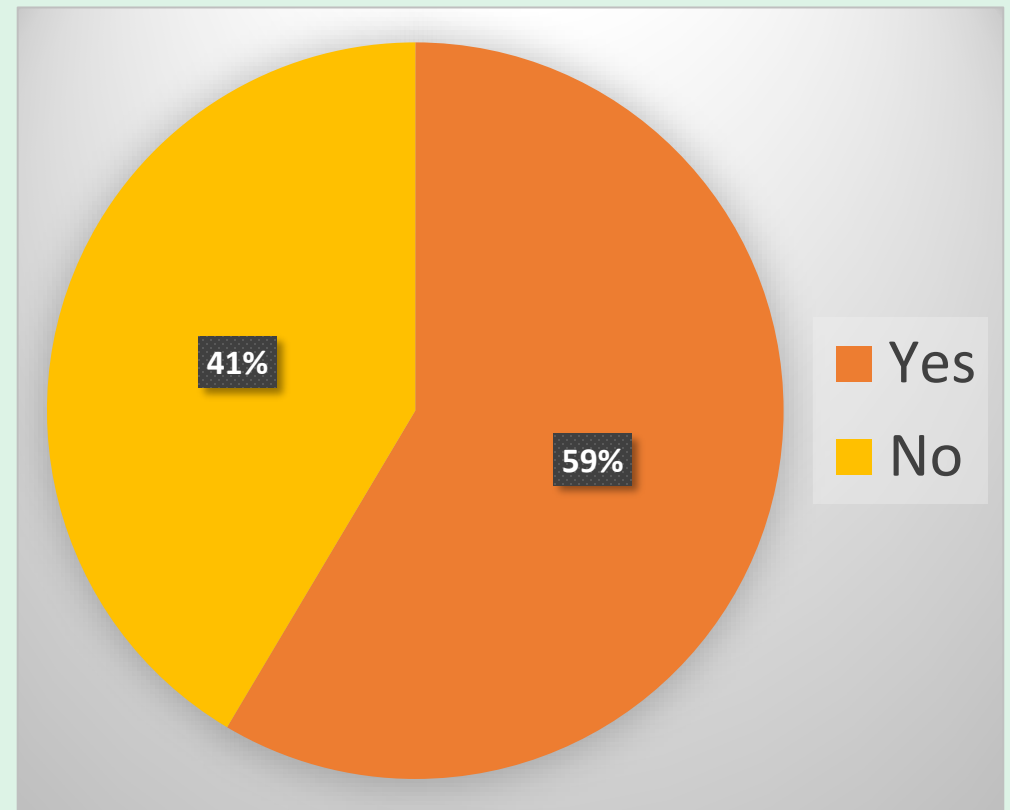
## 1. Current enabling environment

# Dedicated Funding Allocated for OH Multisector Coordination Activities

The most common sources among dedicated funding:

11 international organizations' grants along with further sources

7 each individual ministry





## 1. Current enabling environment



### Key Findings

1. Over 90% (38) have political support and engagement, of which 23 have political support, a coordinating body, and sustainable funding
2. Around 25% (9) lack a designated OH coordinating body
3. Only 4 receive funding through collaboration with the private sector (be it through private sector contributions or Public-Private partnerships)
4. Only 5 have engagement and political support at the community level

## 2. One Health in practice

# A Sustainable and Effective Communication, Coordination, and Information-sharing Channel Between the Different Sectors Potentially Involved in OH

80,5% (33) have at least a channel with any sector (13 sectors included in the questionnaire)

But of those less than half have a channel with:

1. Business association/Individual Business/Trade union
2. Civil-society organization/citizen association/other types of citizen group





## 2. One Health in practice

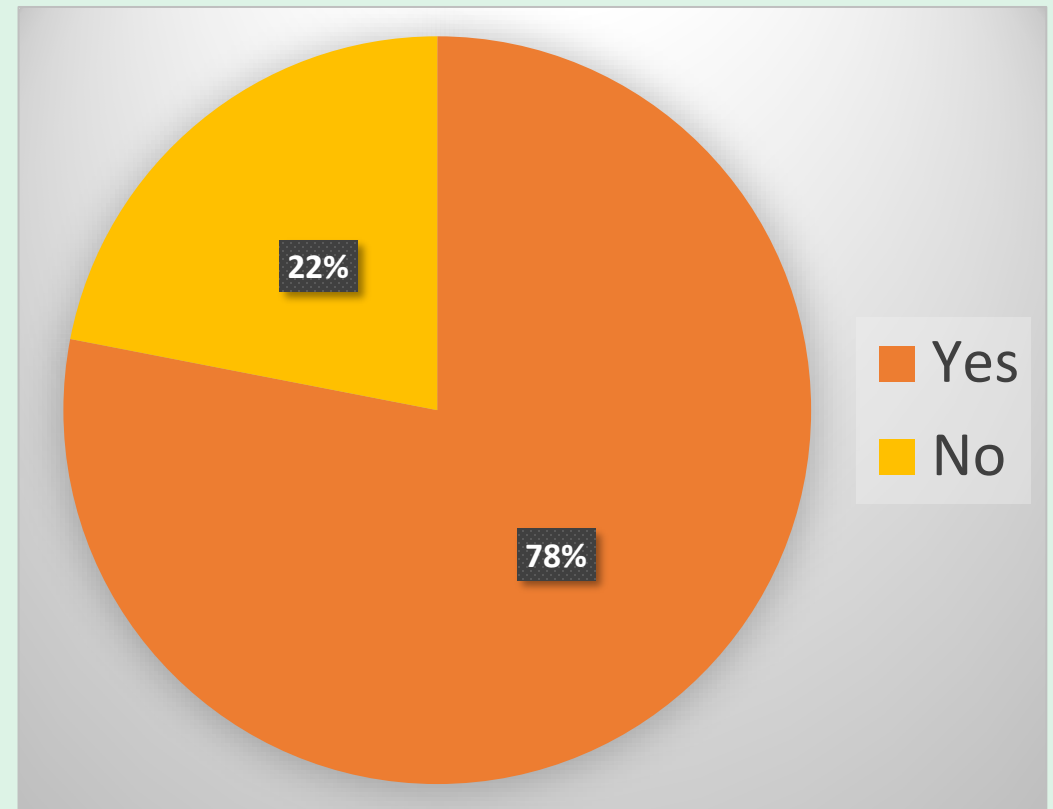
# Integrated and/or Sustainably Coordinated Across Human, Animal, and Environmental Health Sectors Surveillance Systems

From the 78% that have integrated and/or sustainably coordinated surveillance systems:

30 share surveillance data and reporting

8 plan surveillance and share the data and reporting among all the different sectors

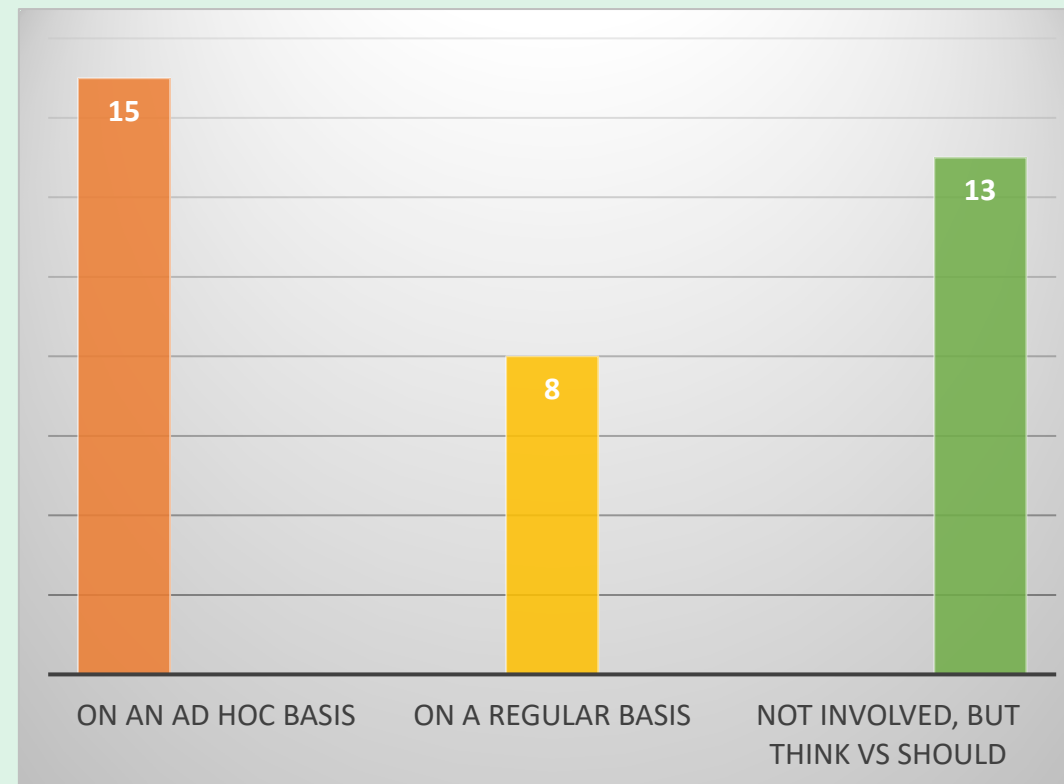
9 do not include the environmental health sector





## 2. One Health in practice

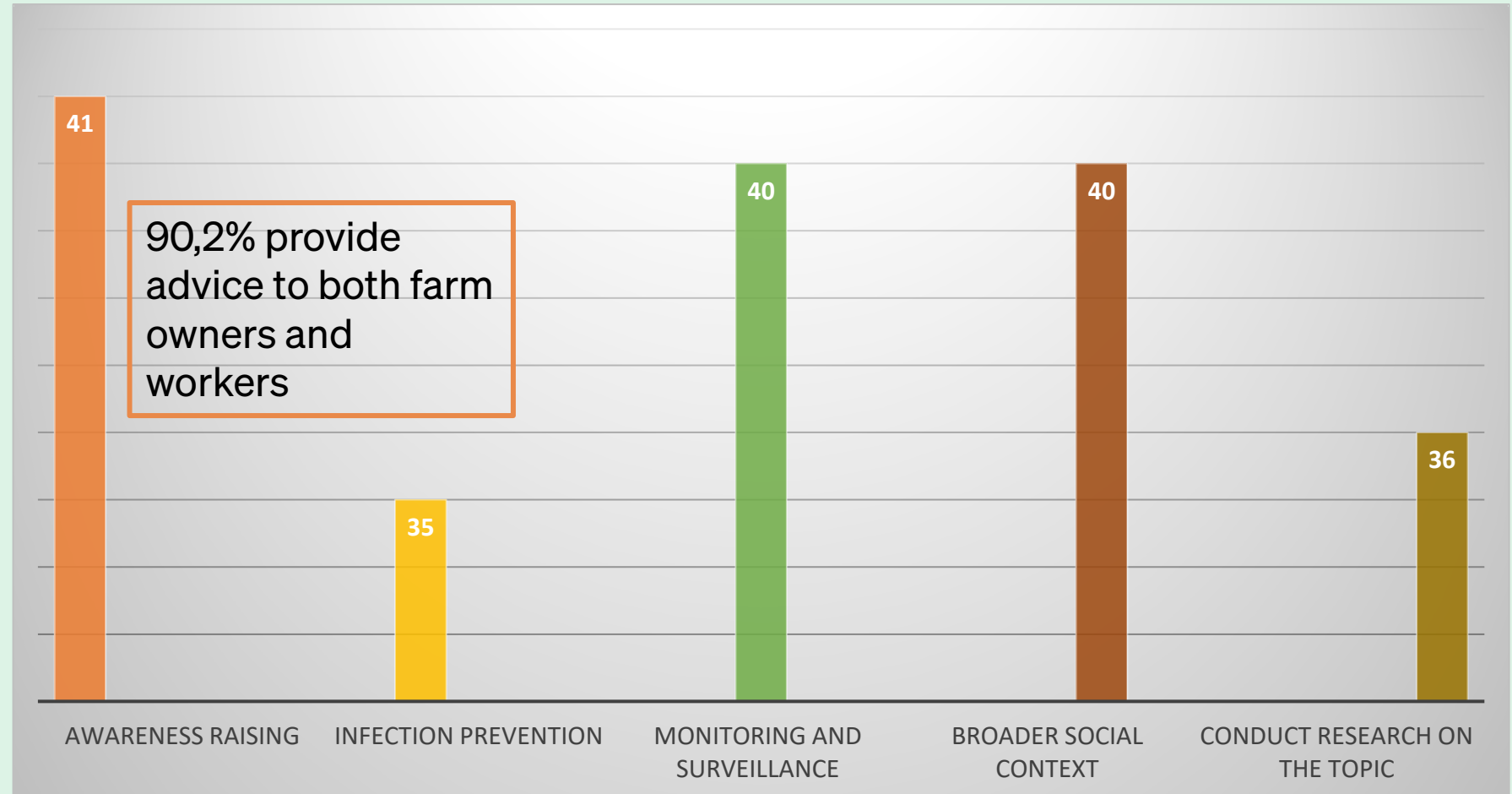
# Involved in Addressing Upstream Drivers for the Spillover of Infectious Agents between Species with the Aim of Identifying Risk Factors and Risk Reduction Practices to Prevent a Potential Spillover





## 2. One Health in practice

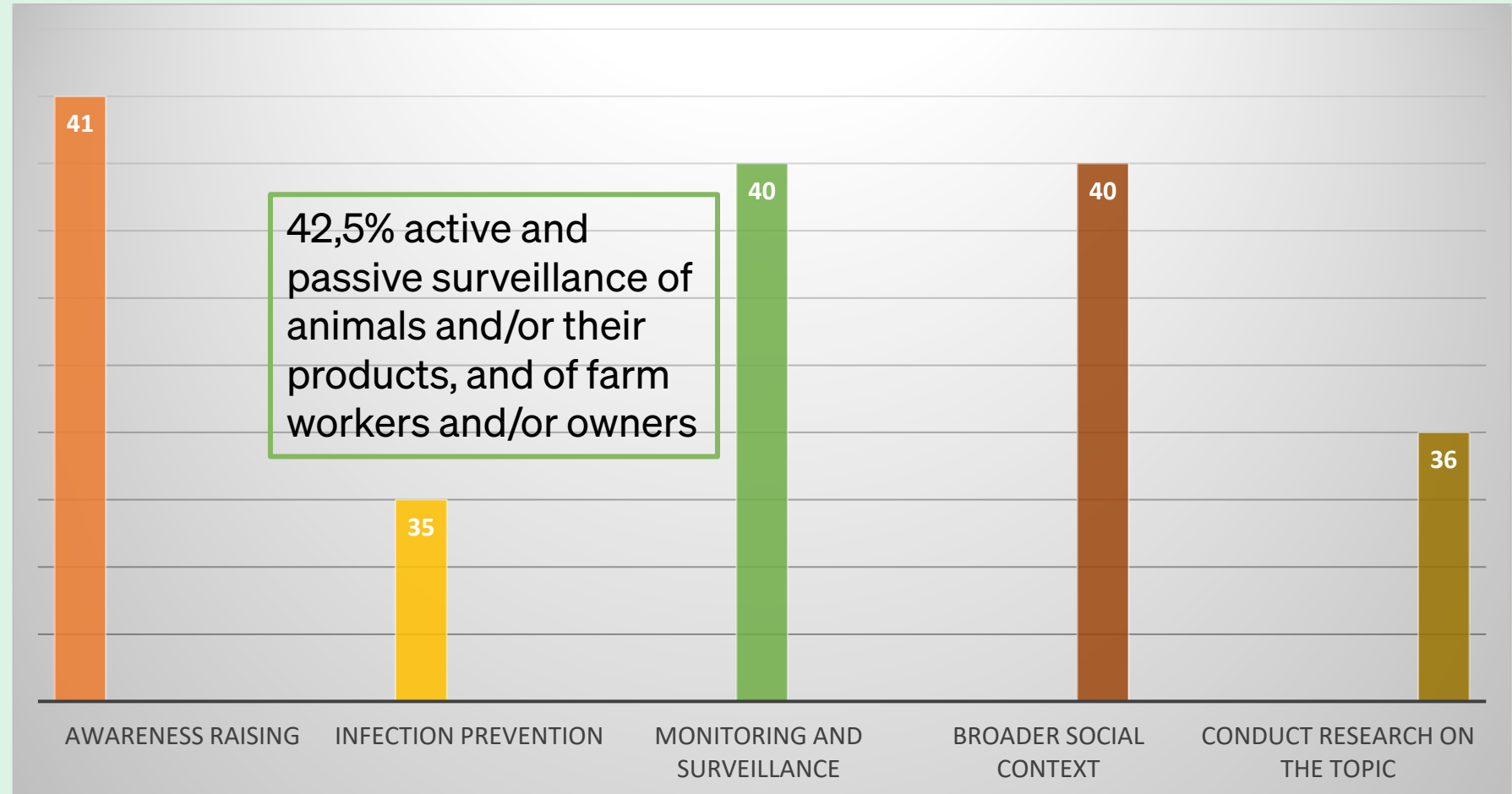
### Actions that the Respondents Thought that the VS Should Implement in a Hypothetical H5N1 Scenario





## 2. One Health in practice

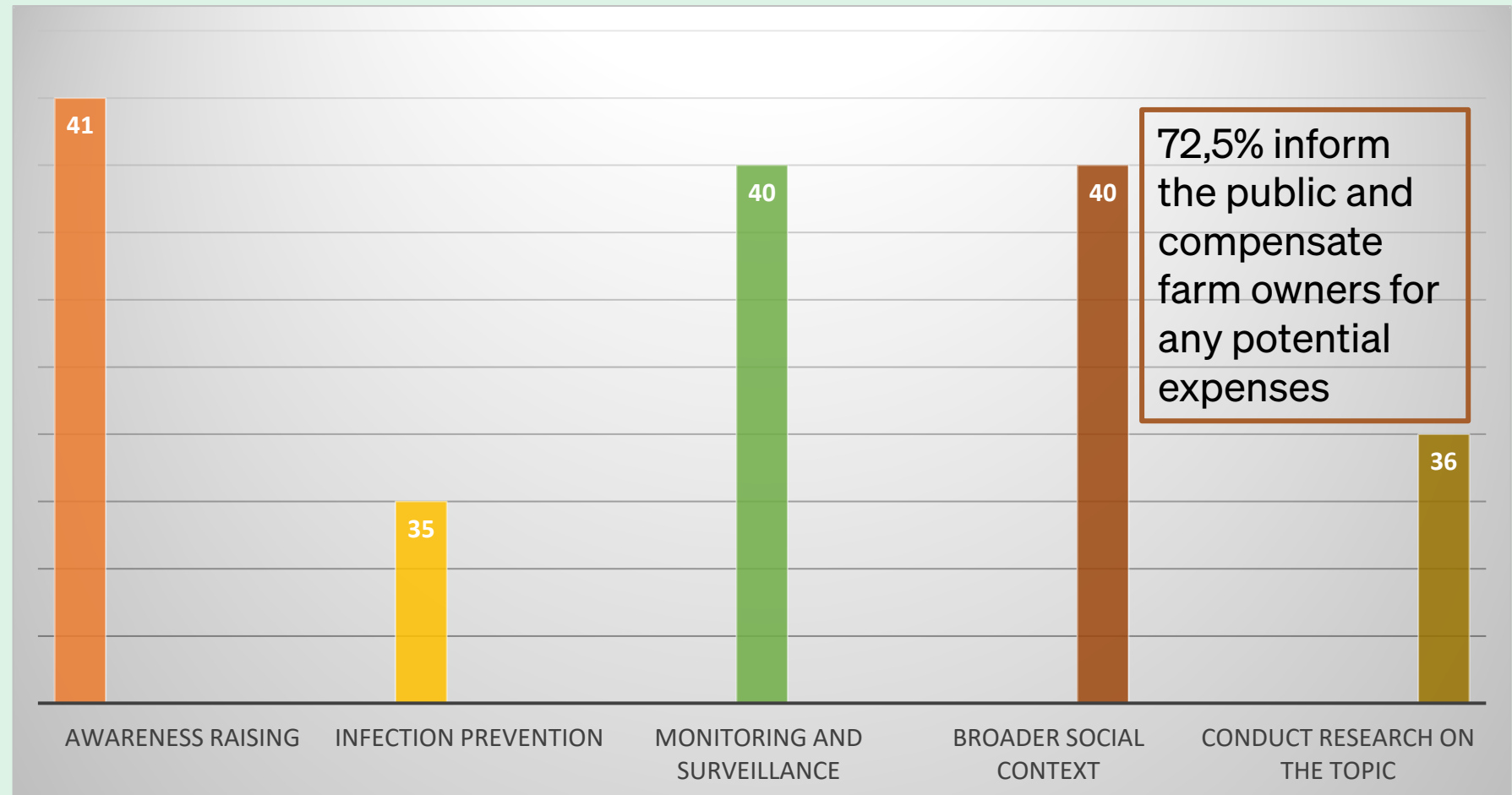
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## 2. One Health in practice

### Actions that the Respondents Thought that the VS Should Implement in a Hypothetical H5N1 Scenario





## 2. One Health in practice



### Key Findings

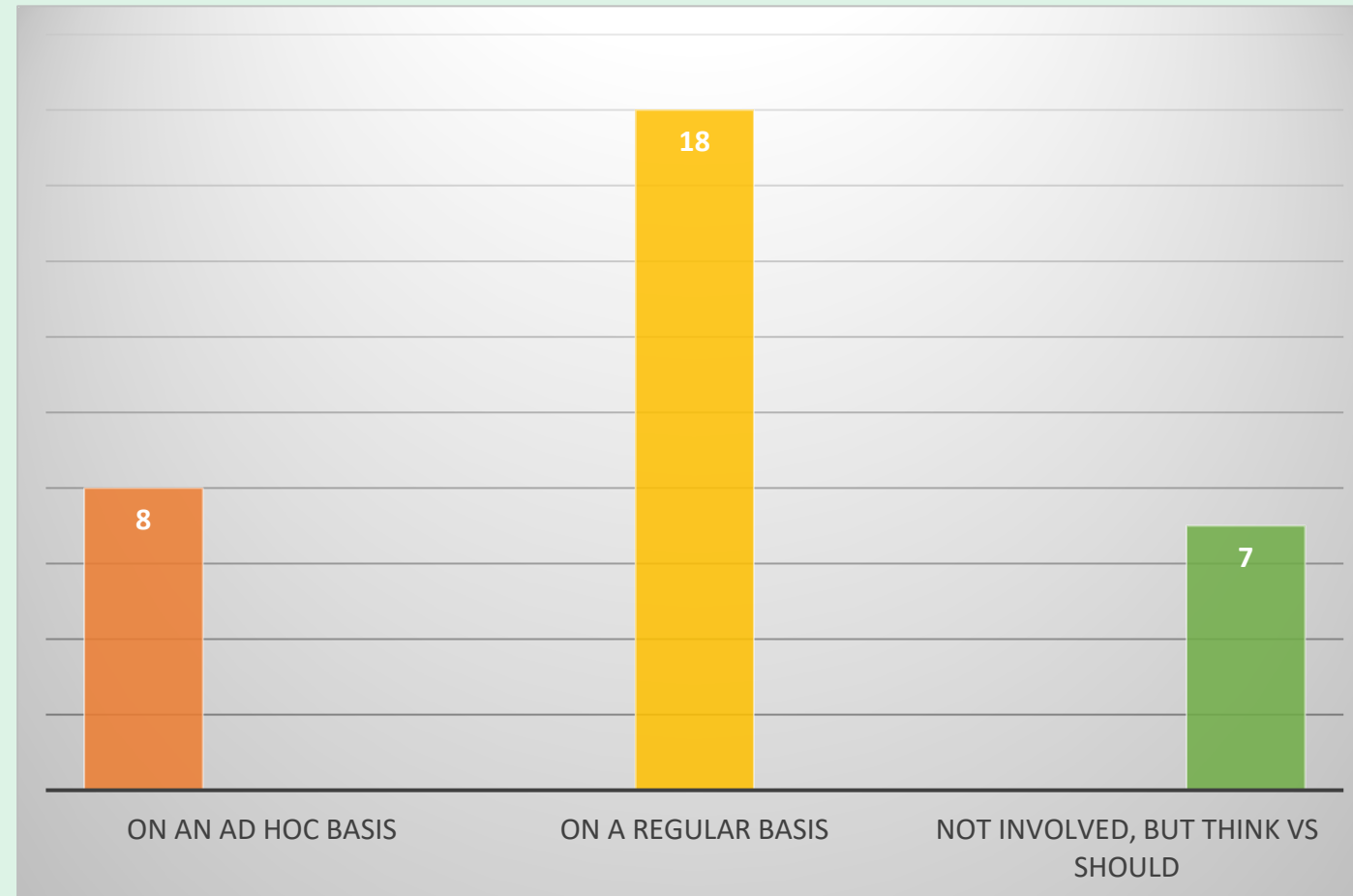
1. Of 78% members that have integrated and/or sustainably coordinated surveillance systems, 9 do not include the environmental sector
2. Importance of dealing with upstream drivers: in line with JPA implementation guide and more cost-effective than reacting
3. The H5N1 hypothetical scenario requires collaboration with the private sector





### 3. Role during the COVID-19 pandemic and a further unusual event

## Involvement in the Response to the COVID-19 Pandemic



### 3. Role during the COVID-19 pandemic and a further unusual event

## Activities that you Think VS Should Have Performed During the Pandemic But Could not



A missed opportunity? (20 Members responded)

VS could have been of more assistance managing the emergency due to its inherent expertise in dealing with outbreaks, especially regarding diagnostics, epidemiology, and population control.



### 3. Role during the COVID-19 pandemic and a further unusual event

## Level of Preparedness of VS to Respond to an Unusual Event

**Epidemiological capacity and appropriate regulatory framework: at least adequate in most cases**

**Workforce and development of vaccines or therapeutics: inadequate in most cases**

### 3. Role during the COVID-19 pandemic and a further unusual event



### Key Findings

1. It could be useful to establish, in times of peace, a well-defined legal framework with clear expectations to be used in future emergencies and for the benefit of both the animal and human health sectors
2. Need to improve the level of preparedness regarding unusual events in the areas of vaccine and therapeutics development, and workforce



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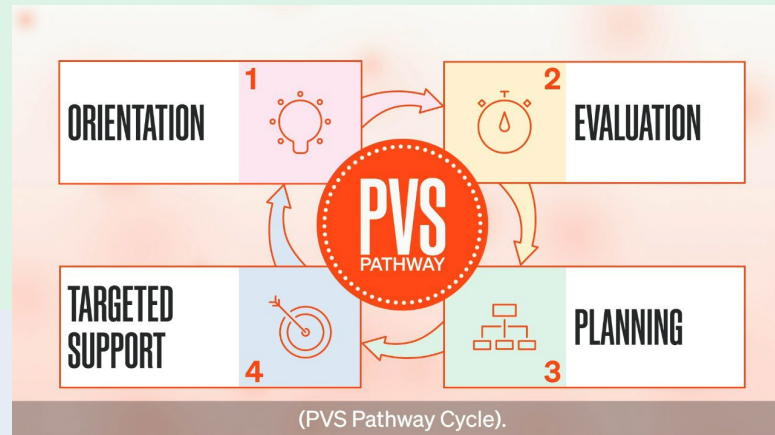
# Do you think that there were lessons to learn from the COVID-19 Pandemic?



## 4. Tools and evaluations

### Key Finding

Currently available tools to support the implementation of OH and/or to review VS performance and/or conduct workshops have not been extensively used





## 5. How can WOA support

## Areas in which WOA Could Be of Most Assistance to the Members

- Facilitate communication, collaboration, and cooperation:
  - at the regional level (24)
  - with the public sector (23)
  - at the global level (21)
- Support an enhanced implementation of One Health:
  - broaden capacity building and training initiatives (29)
  - clarify and enhance the awareness of the One Health approach (28)



## 5. How can WOA support

### Open-ended questions

1. Provision of spaces for knowledge, expertise, experience, and perspectives sharing
2. Facilitation of funding streams
3. Tool development/provision
4. Improvement of the national context for the implementation of OH
5. Capacity building





# Section 4

# Key Findings in Context and Conclusion

Key Findings in Context

Conclusion



## Continuous improvement



## Key Findings in Context 1. Around 25% (9) lack a designated OH coordinating body



Governance, policies, legislation, financing and advocacy



Organizational and institutional development, implementation and sectoral integration



## Key Findings in Context 2. Only 4 receive funding through collaboration with the private sector



1  
Governance, policies, legislation, financing and advocacy



2  
Organizational and institutional development, implementation and sectoral integration



## Key Findings in Context 3. Only 5 have engagement at the community level



Governance, policies, legislation, financing and advocacy

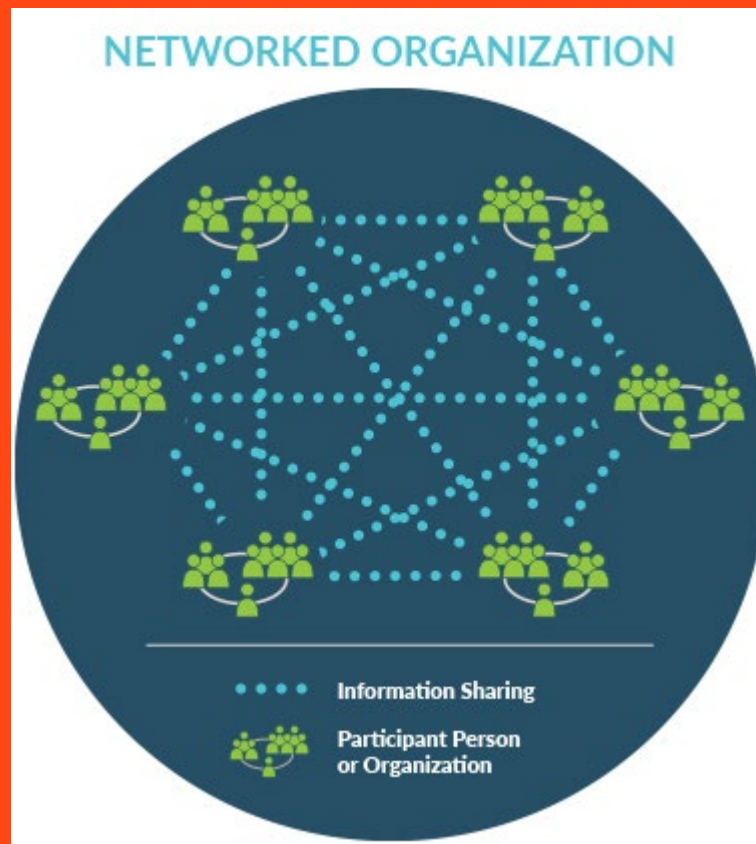


Organizational and institutional development, implementation and sectoral integration

## Key Findings in Context

### Coordinating:

- + Body
  - + governance structure
  - + geographic and cultural diversity
  - + breadth and heterogeneity of membership
  - + diverse voices in partnerships
- = network effectiveness
- = consistent and long-term OH collaborations





## Key Findings in Context 4. “integrating climatic/meteorological data into epidemiological surveillance” + environmental sector data



Organizational and institutional development, implementation and sectoral integration



Data, evidence, information systems and knowledge exchange



Key Findings in Context 5. Several respondents mentioned a lack of a clear role for VS during outbreaks that affect mainly humans



Establish a well-defined legal framework in times of peace?



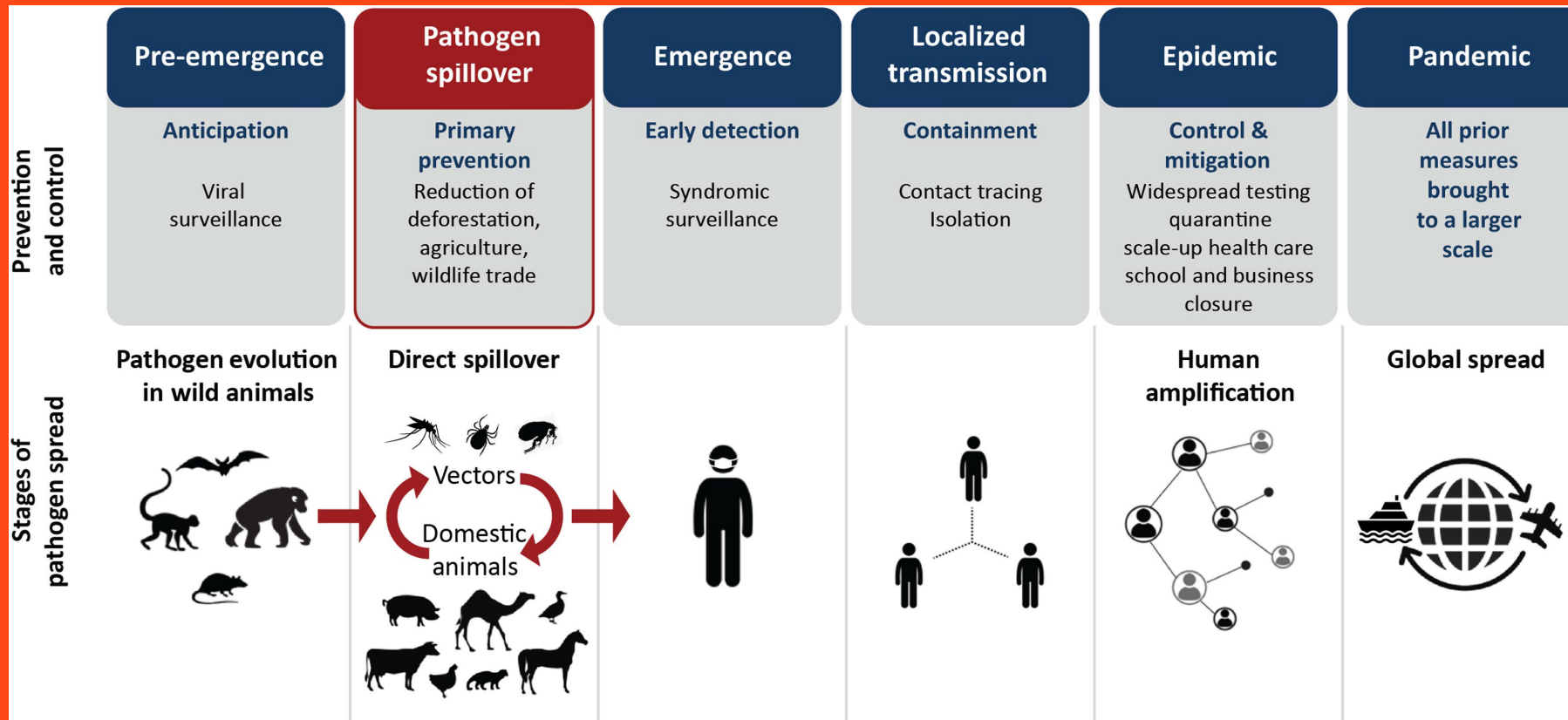
Organizational and institutional development, implementation and sectoral integration



Data, evidence, information systems and knowledge exchange



## Key Findings in Context 6. Several studies indicate that it is more cost-effective to prevent infectious agents in the first place





Europe Region is making good progress towards implementing and improving OH and pandemic prevention and preparedness.

Nonetheless, there is a wide range of degrees of implementation and many areas to be strengthened.

This requires further effort from Members, and support from WOA and the Quadripartite.



# Questions?

# Comments?

# Thank you

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