

Aquatic Animal Health Strategy

WOAH NATIONAL FOCAL POINTS FOR AQUATIC ANIMALS

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World
Organisation
for Animal
Health

Organisation
mondiale
de la santé
animale

Organización
Mundial
de Sanidad
Animal



Aquatic Animal Health Strategy

This Aquatic Strategy is a call to action to address some of the greatest challenges in managing aquatic animal health and welfare. It identifies and coordinates actions that address the highest-priority common needs and focus resources on activities that will provide enduring impacts

- Announced at the 4th Global Conference in Chile in April 2019
- Its development was a collaborative effort
- Support and input from the Aquatic Animal Commission and the whole WOAH Community
- Launched in May 2021



Drivers for collaboration on aquatic animal health and welfare

- THE GLOBAL POPULATION IS GROWING
- DEMAND FOR AQUATIC ANIMAL PRODUCTS IS INCREASING
- PRODUCTION IS SUPPORTING SUSTAINABLE DEVELOPMENT

Growth in aquatic animal production must be sustainable to have lasting benefits



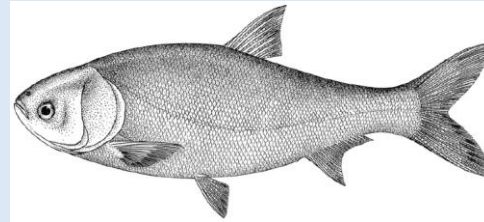


Global aquaculture

Over 500 species of aquatic animals are farmed

Aquaculture is highly diverse

Fastest growing food sector
(~6% per annum)



70% of production is **small-scale, subsistence** and based on species of carp and tilapia

Aquatic protein most highly traded food commodity

Sector provides food, nutrition, income, livelihood for 100's millions people



Global Strategy addresses shared challenges and benefits

- Aquatic food animal production increasingly **IMPORTANT** protein around the world
- Aquatic animal disease transmission threats are shared across country boundaries
- Collaborative actions improve detection, containment of aquatic animal pathogens



THIS STRATEGY PROVIDES A PATH FOR THE WOAH COMMUNITY TO ACT TOGETHER

- Common needs given highest priority
- Actions leading to ongoing impacts
- Optimize utilisation of existing resources, networks, systems

**Ultimate goal:
improve aquatic animal health worldwide**





STANDARDS

Scientifically sound WOAHA international standards meet WOAHA Members' needs to manage risks, facilitate safe trade, and improve aquatic animal health and welfare



CAPACITY BUILDING

WOAH programmes support strengthening Aquatic Animal Health Services of WOAHA Members



IMPROVING
AQUATIC ANIMAL
HEALTH AND WELFARE
WORLDWIDE

LEADERSHIP

WOAH's capacity to provide global aquatic animal health leadership is strengthened



RESILIENCE

Responses to emerging aquatic animal health issues of regional or global concern are coordinated and timely



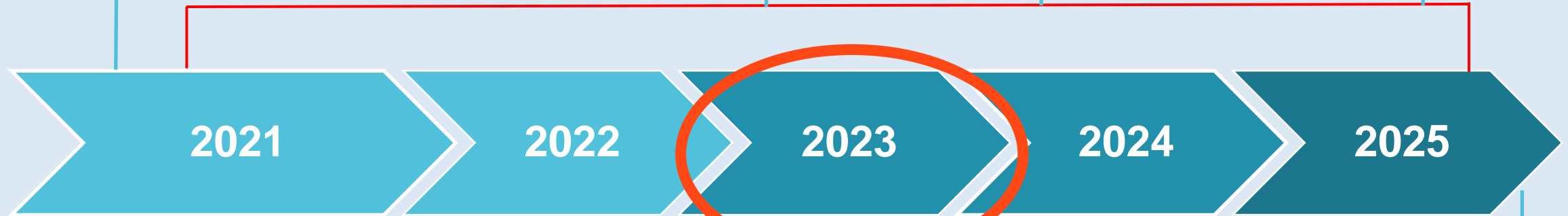


- Launch and set-up phase
- Roadmap endorsed
- Project plans developed

Mid-Strategy progress report

AAH Forum

Implementation of activities



Evaluation and next steps

WE ARE HALFWAY



ACTIVITY PROGRESS



9 projects underway and on track



8 projects underway with delays



6 activities not yet commenced





OBJECTIVE 1 – DEVELOP NEW STANDARDS


- Development of a new chapter on biosecurity for aquaculture establishments
COMPLETE AND ADOPTED IN MAY 2021
- Development of a new chapter on Infection with decapod iridescent virus 1 (DIV1)
COMPLETE AND ADOPTED IN MAY 2022
- Development of a new chapter for infection with Tilapia lake virus
COMPLETE AND ADOPTED IN MAY 2023
- **Development of a new chapter on trade in genetic materials NEARLY COMPLETE**
- **Development of a new chapter on disease outbreak management NEARLY COMPLETE**
- **Development of a new chapter on ornamental aquatic animals ADVANCING WELL**
- **Development of a new chapter on emergency disease preparedness ADVANCING WELL**





Activity 3.4 Provide practical AMR guidance

- Develop annex for aquatic animals in List of Antimicrobial Agents of Veterinary Importance
- Refine AMU global data collection for aquatic animals

25	Food-producing animal species covered by the information on antimicrobial quantities		<input type="checkbox"/> Cattle	Terrestrial food-producing animals	Please indicate which food-producing animals are covered by the data. Multiple selections are
			Aquatic food-producing animals		
			<input type="checkbox"/> Fish - Cyprinidae		
			<input type="checkbox"/> Fish - Salmonidae		
			<input type="checkbox"/> Fish - Cichlidae		
			<input type="checkbox"/> Fish - Siluriformes		
			<input type="checkbox"/> Fish - Marine		
			<input type="checkbox"/> Fish - Undefined		
			<input type="checkbox"/> Crustaceans - Penaeidae		
26	Clarification of food-producing animals 'Other' category		<input type="checkbox"/> Canines	If selected in Question 25, please clarify the other species that are raised for food production covered by the data.	
			<input type="checkbox"/> Felines		
			<input type="checkbox"/> Equidae		
27	Non food-producing animals antimicrobial quantities		<input type="checkbox"/> Ornamental Fish	If selected in Question 25, please clarify the other species that are raised for food production covered by the data.	
			<input type="checkbox"/> Other		
28	Clarification of food-producing animals 'Other' category			If selected in Question 25, please clarify the other species that are raised for food production covered by the data.	





Regional networks for aquatic animal health

- Regional Collaboration Framework on Aquatic Animal Health in Asia and the Pacific
- Aquatic Middle East Network (AQMENET)
- Regional Animal Aquatic Animal Health Networks (RAAHN) in Africa
 - North Africa
 - Southern Africa
 - Laboratory network



Survey of National Focal Points

The survey highlighted regional differences in capacity and identified priorities for WOAHA Regions

Activities
1.5, 2.1, 2.2, 2.6

48 question survey

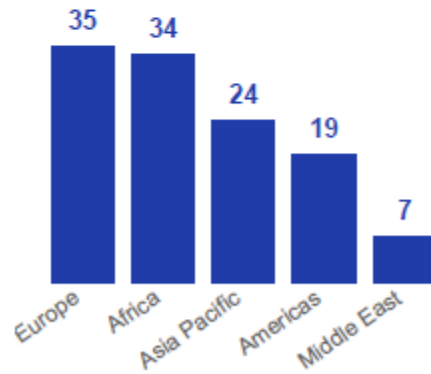
- Disease surveillance and national reporting
- Disease notification to WOAHA
- Barriers to the implementation of Standards
- PVS Pathway Aquatic
- Capacity building

14 RECOMMENDATIONS

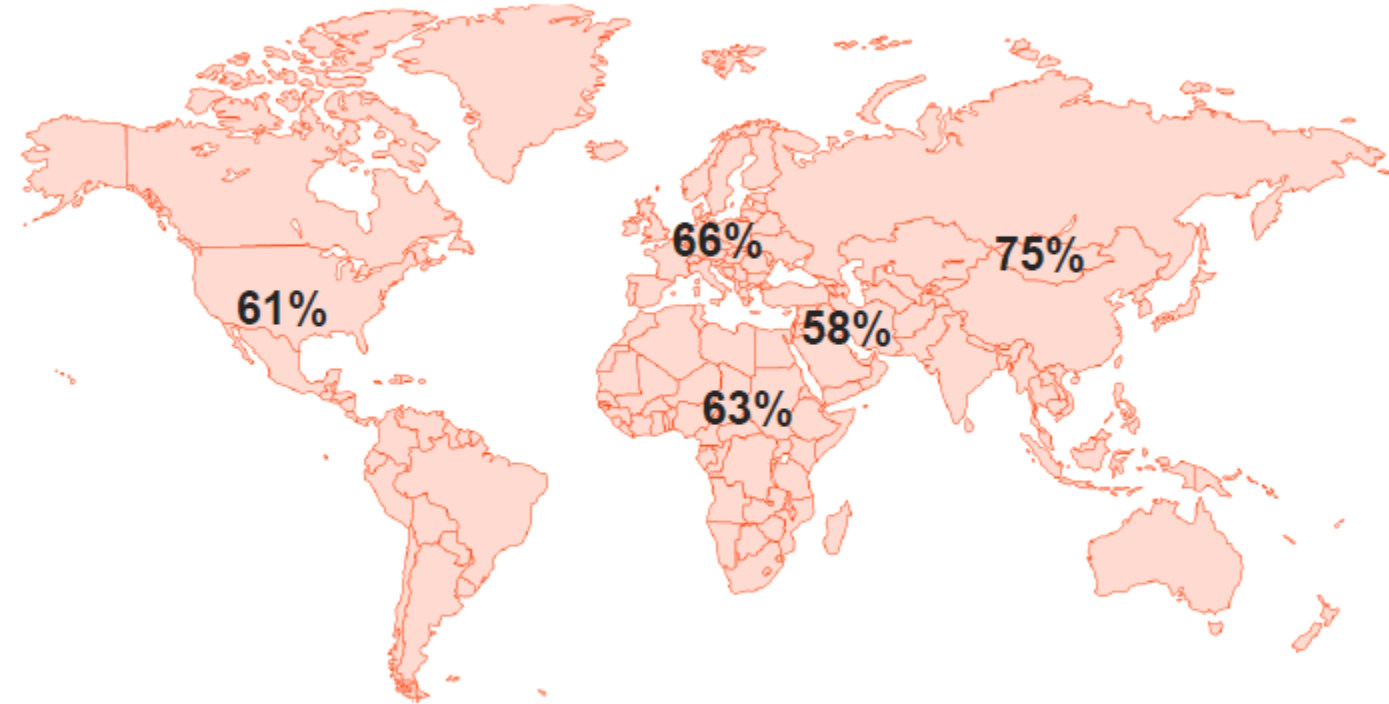
119

Members completed the survey

Members by Region



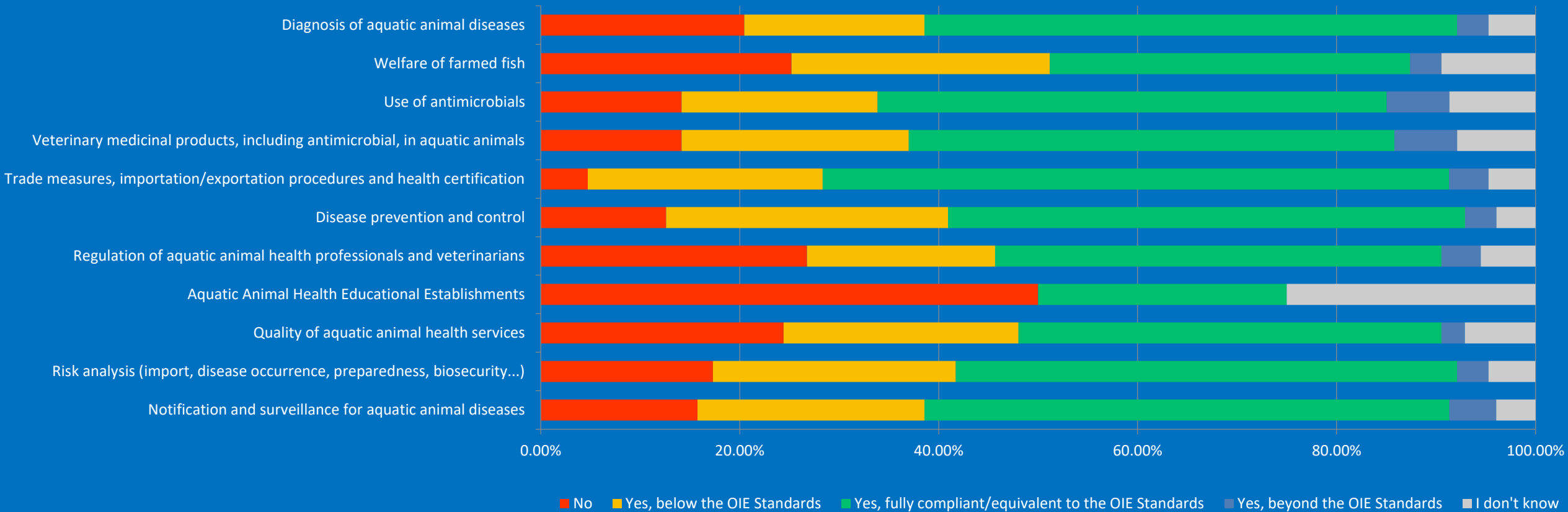
Participation rate, by WOA Region



Findings from the survey of WOA Members conducted in 2022



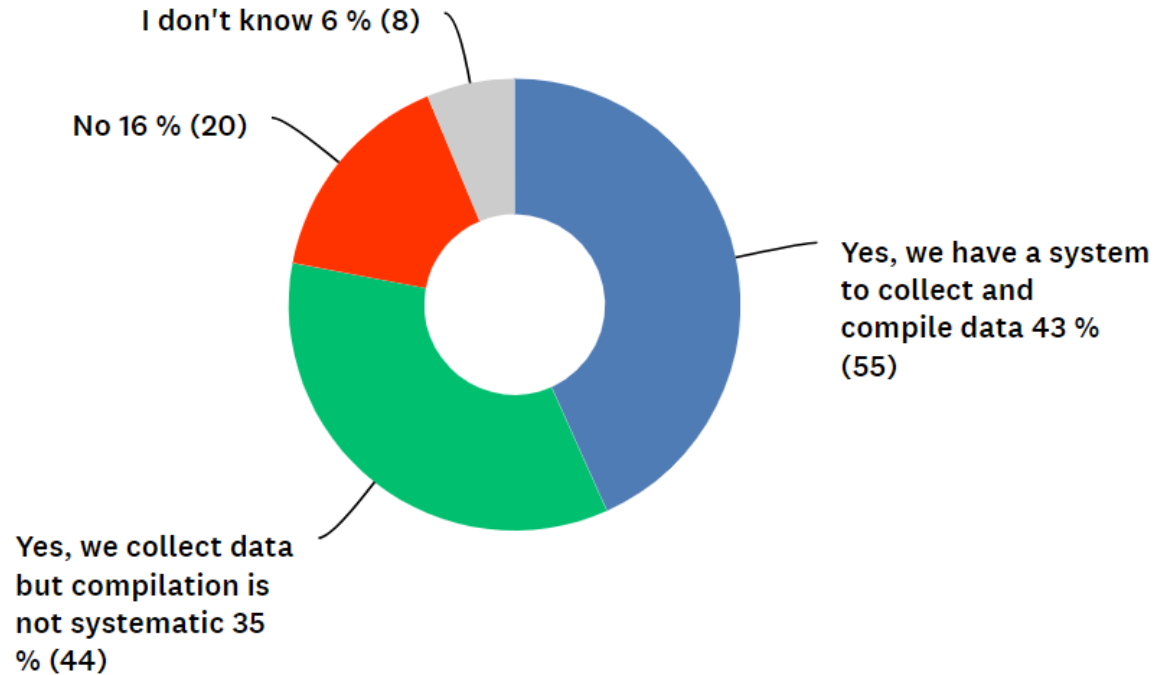
Does your country/territory have any national laws and regulations on the following topics?



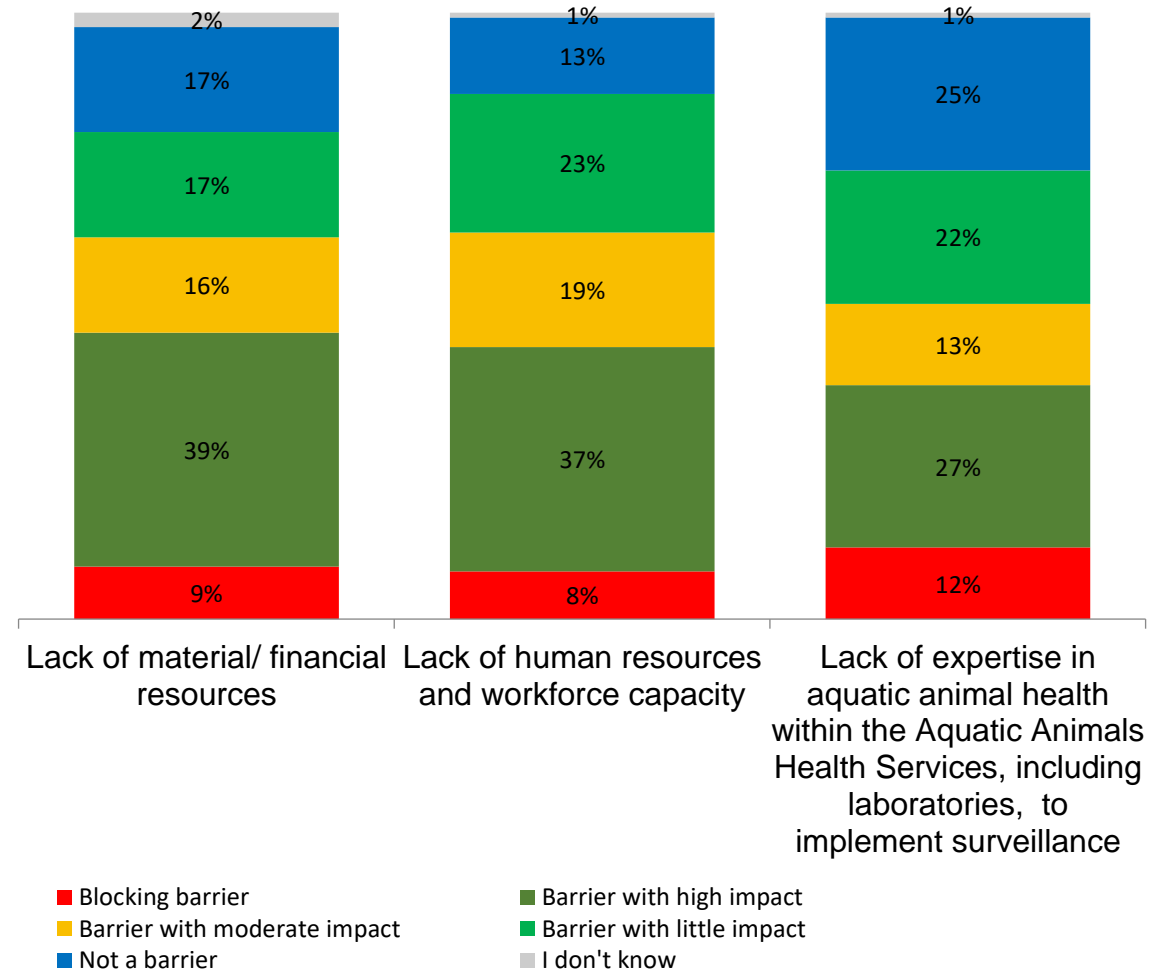


Disease surveillance and national reporting

Percentage of Members collecting and compiling disease event data into a national dataset



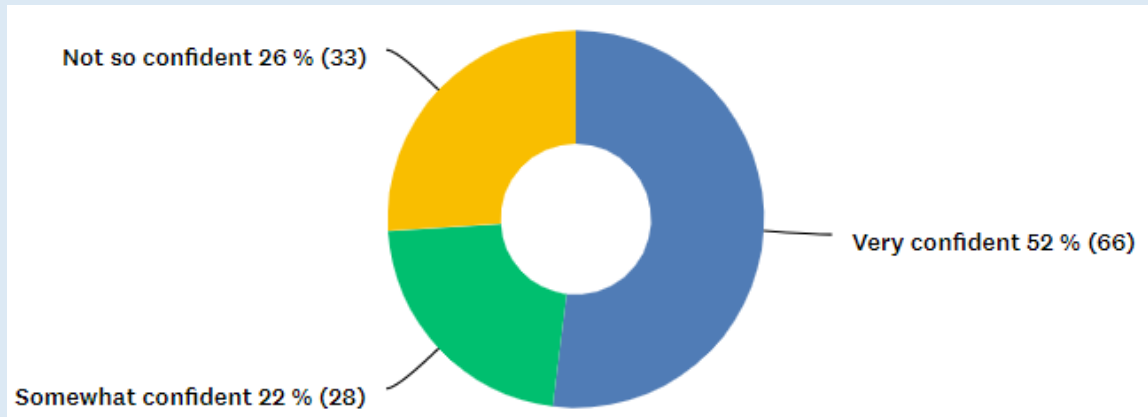
The three most important barriers to aquatic animal disease surveillance and data collection at national/central level



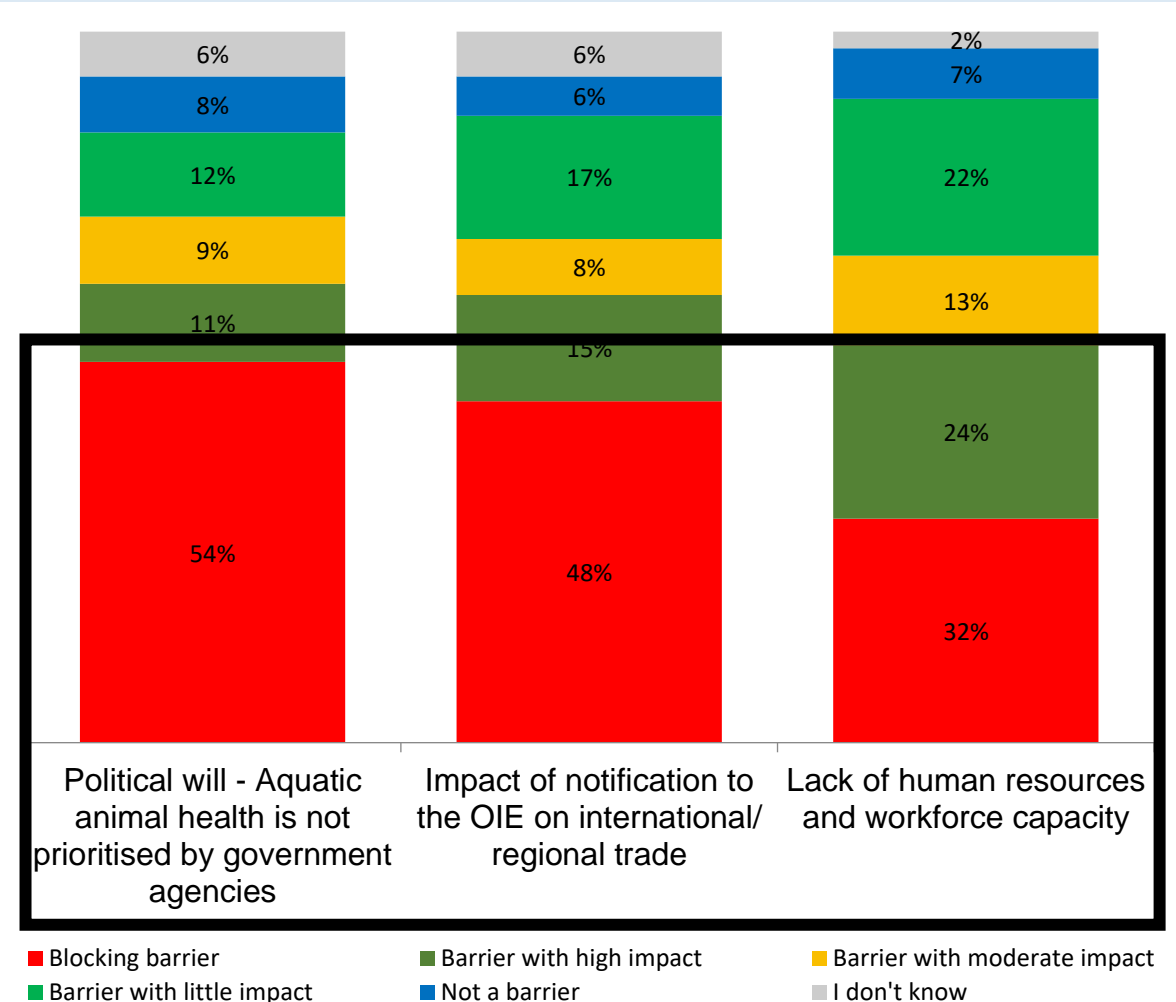


Reporting to WOAAH

Percentage of Members confident that the aquatic animal diseases have been TIMELY notified to the WOAAH



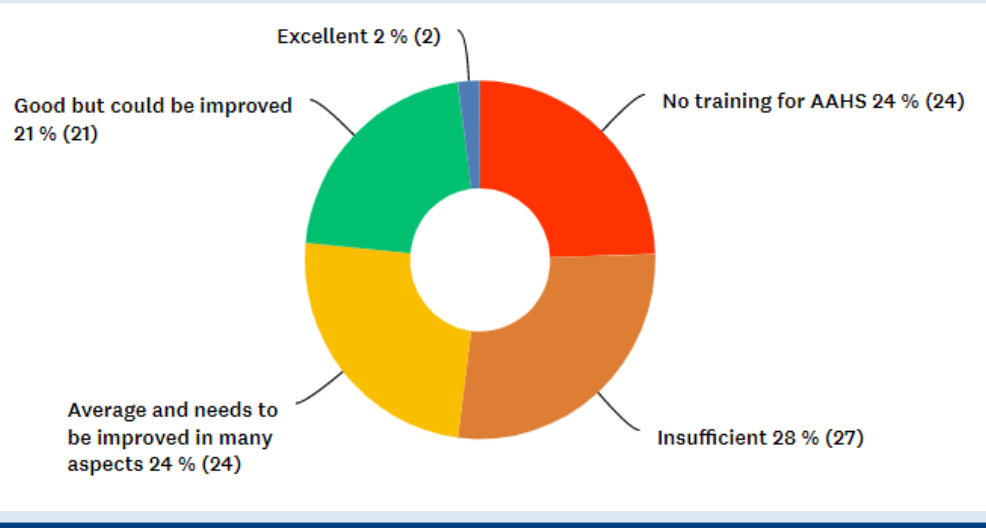
The three most important barriers to aquatic animal disease notification to the WOAAH



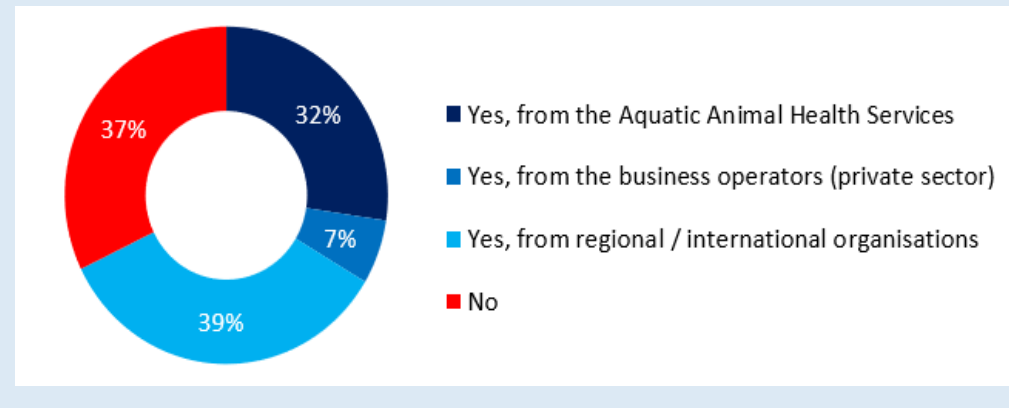


Findings regarding capacity building

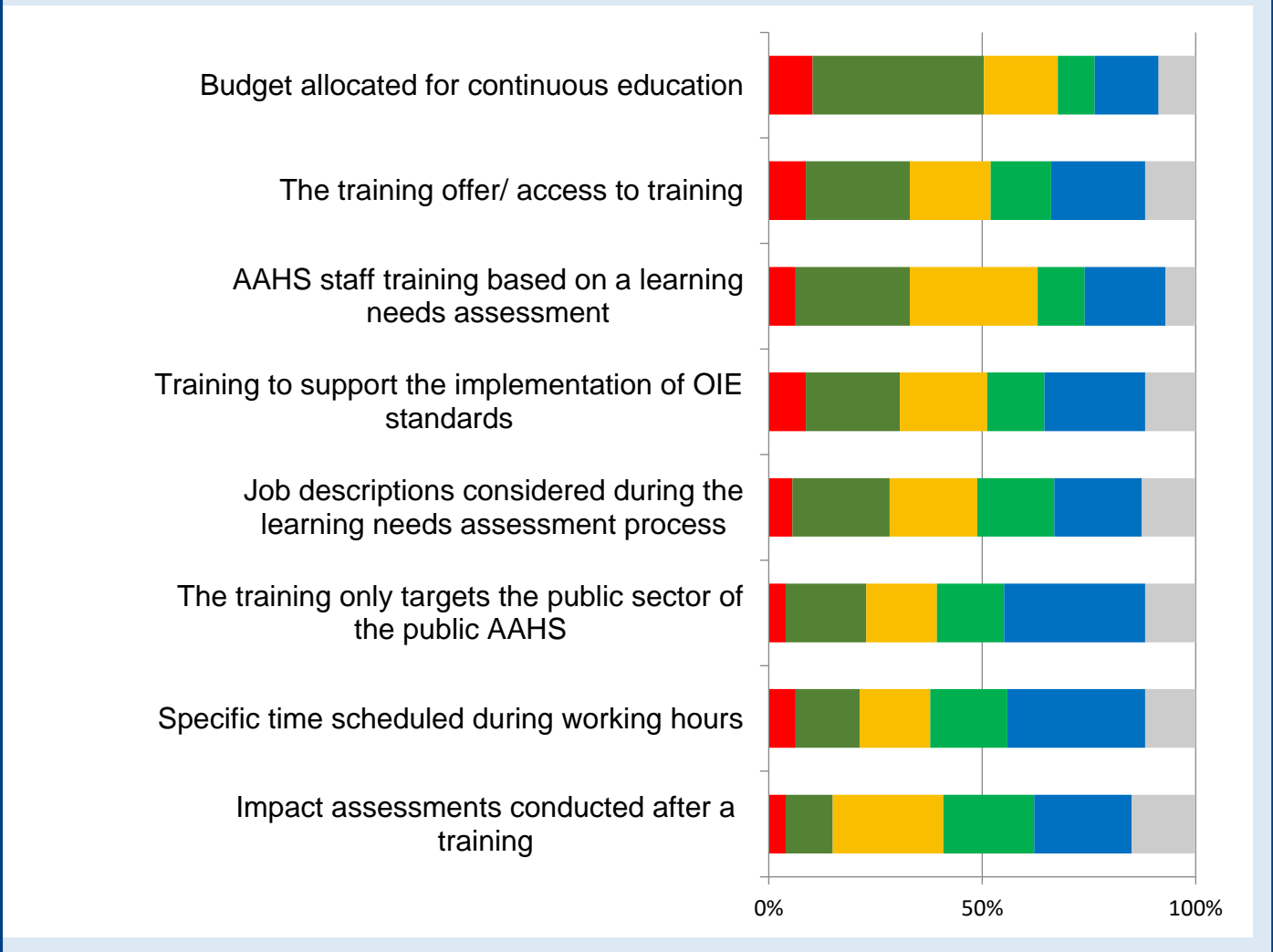
Feedback on the quality of AAHS education



Access to training material that could support the implementation of OIE aquatic standards



Importance given to the pre-listed barriers for continuing education on aquatic animal health and welfare





- Findings and recommendations to be published and provided to Members
- Activity leads will use findings to:
 - identify and understand barriers to the implementation of standards and design and promote activities to overcome these barriers
 - contribute to the development of a training framework for aquatic animal health to strengthen Members' capacity
 - Increase the uptake of the PVS: Aquatic





Standards

- Review the scientific basis of existing aquatic animal welfare standards (Activity 1.3)

Capacity Building

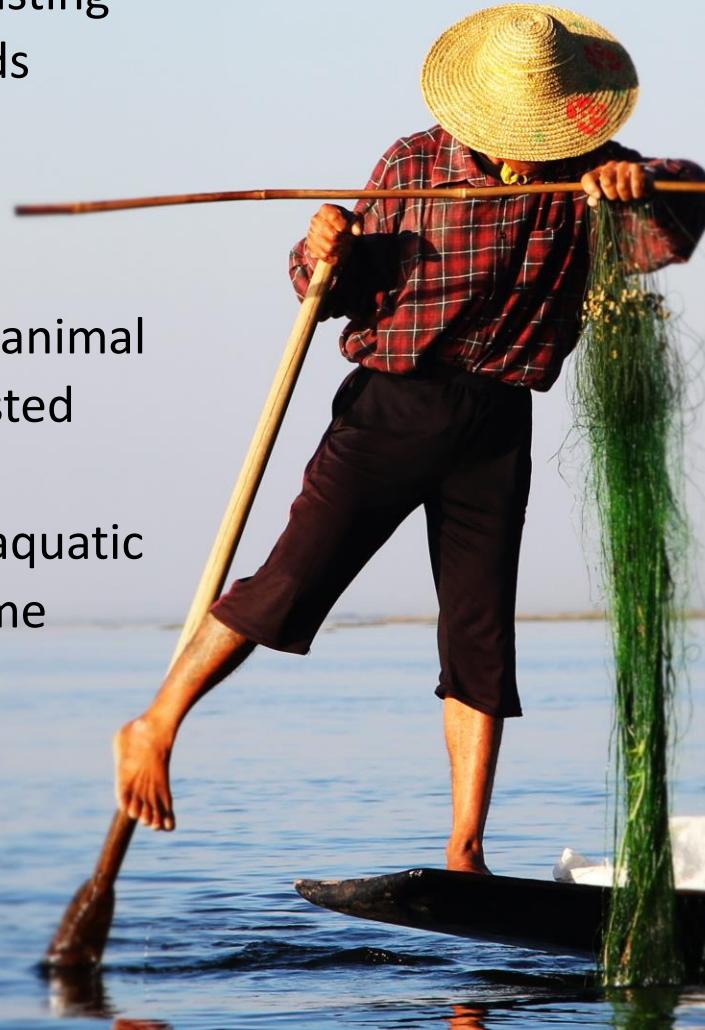
- The development of an aquatic animal disease field guide for WOAHA listed diseases (Activity 2.5)
- Development of WOAHA Global aquatic animal health scholarship scheme (Activity 2.7)

Resilience

- Formalise procedures for a coordinated WOAHA approach to disease emergencies (Activity 3.1)
- Develop guidelines for collaborative emergency response (Activity 3.3)

Leadership

- Strengthen support and more fully utilise WOAHA scientific networks, including WOAHA Reference Centres (Activity 4.3)
- Strategic prioritisation and funding allocation for research of importance to the WOAHA Community (Activity 4.5)





Thank you

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