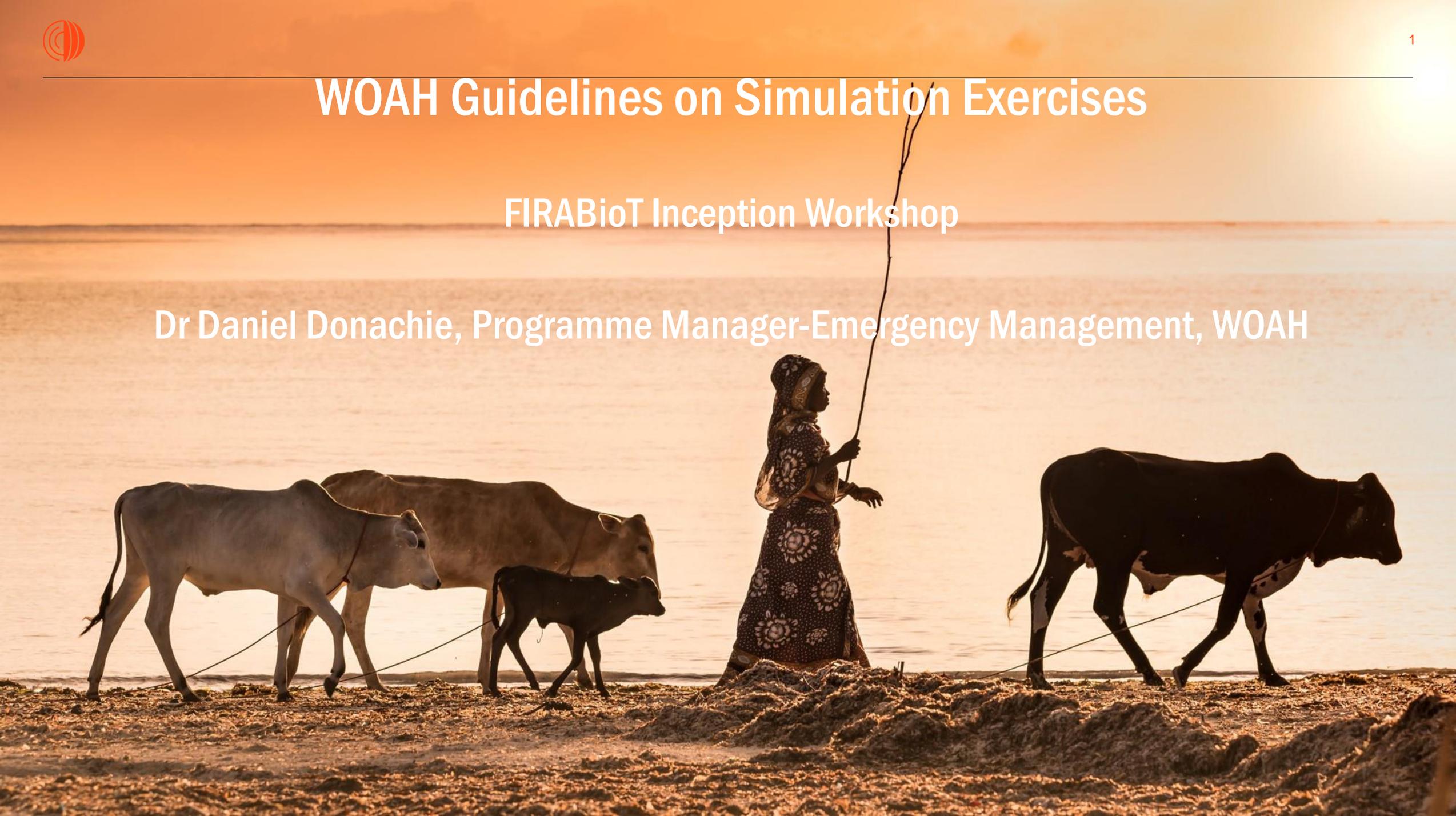




WOAH Guidelines on Simulation Exercises

FIRABioT Inception Workshop

Dr Daniel Donachie, Programme Manager-Emergency Management, WOAH





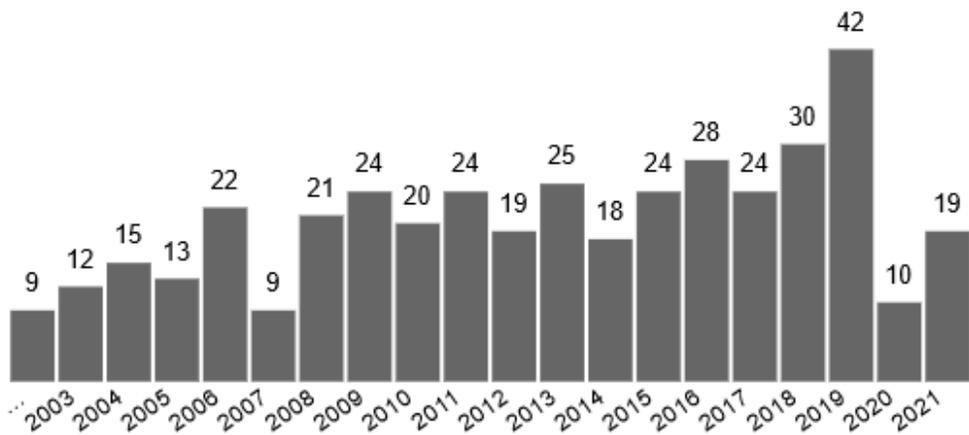
Only **45%** of Members reported having conducted a simulation exercise

408 simulation exercises were reported between 2002 and 2021

3/4 of them were conducted in Europe and the Americas.

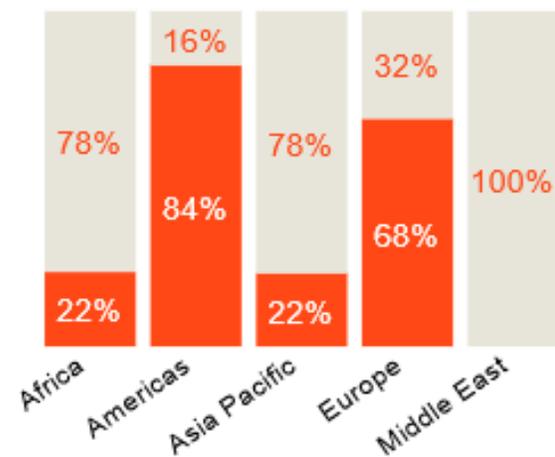
Source: WOA simulation exercise dataset, 2002-2021

Evolution of the number of SimEx* conducted between 2002 and 2021

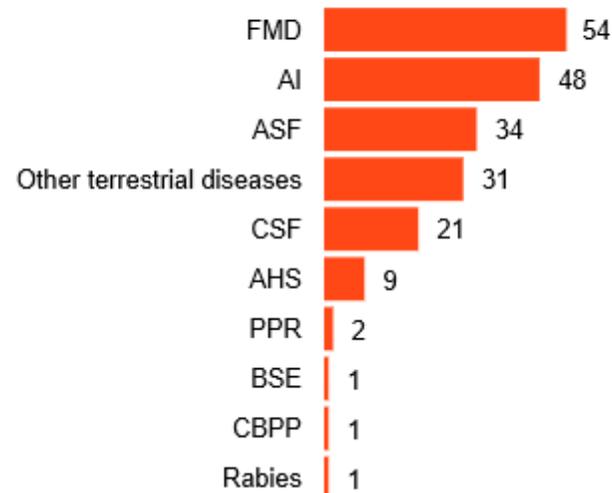


Percentage of Members that reported SimEx*, by WOA region

● Reported SimEx ● No SimEx reported yet

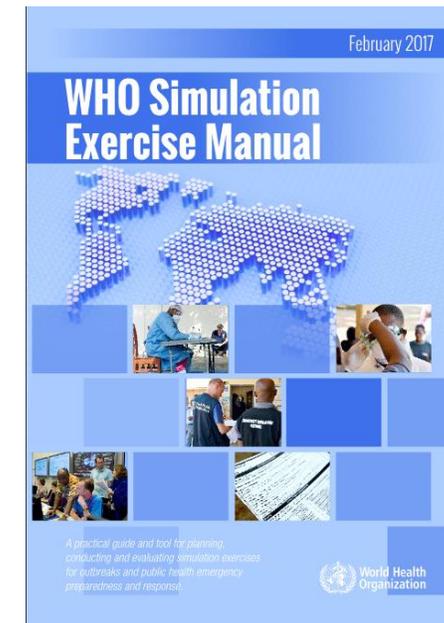
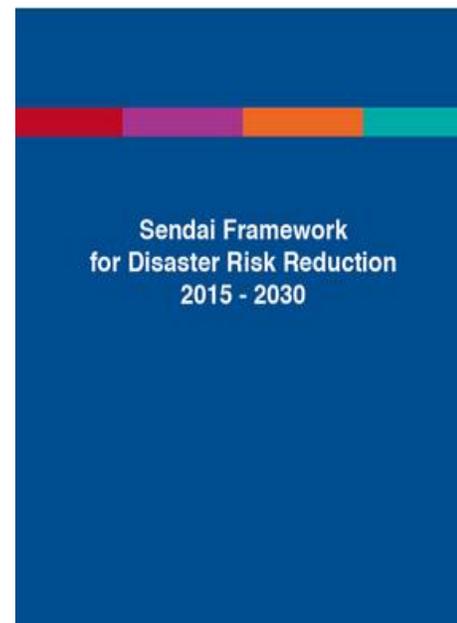
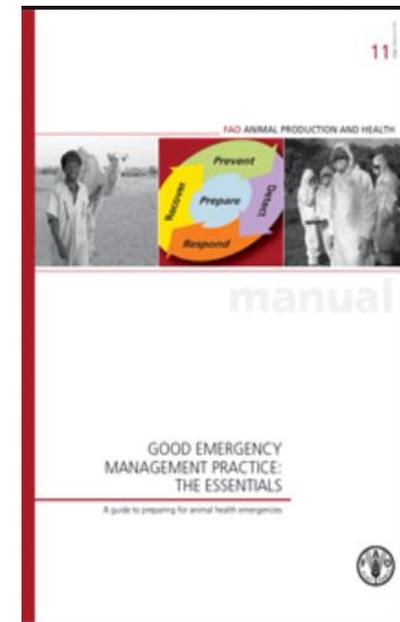
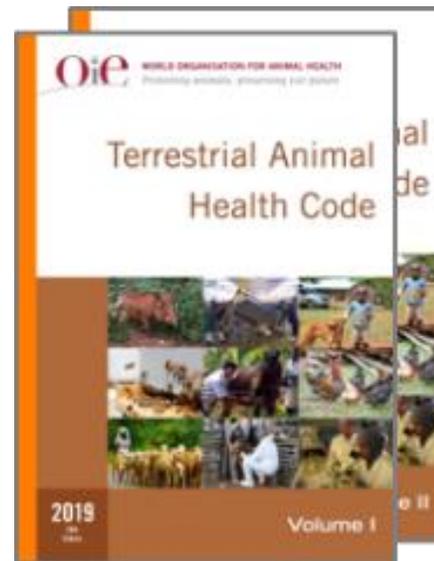


Number of Members that reported a SimEx*, by selected terrestrial disease





- Several simulation exercise manuals already but limited guidance for Veterinary Services
- Developed by the **WOAH *ad hoc* Group on Veterinary Emergencies** and published in 2020
- Goal: **Strengthen the capacity** of WOAHA Members for preparedness against **all hazards** through a set of simulation exercise **good practices**
- Aim to be **scalable** and **adaptable**. Encourage **multi-sectoral collaboration** and be applicable to a wide target audience. Align with other frameworks and resources



What is a simulation exercise?

“A simulation exercise is a **controlled activity**, where a situation, that could exist in reality, is imitated for **training** or **assessment** of **capabilities** and **plans**”



GUIDELINES FOR SIMULATION EXERCISES

A consistent set of good practices for preparing, delivering, and learning from animal health and welfare and veterinary public health simulation exercises for Veterinary Services



Benefits of simulation exercises

IDENTIFY

- Stakeholders
- Breakpoints and gaps
- Capabilities
- Resources
- Components of a plan

ASSESS

- Plans and procedures
- Training
- Equipment
- Resilience
- Multi-sectoral cooperation
- Resource mobilisation

PRACTICE

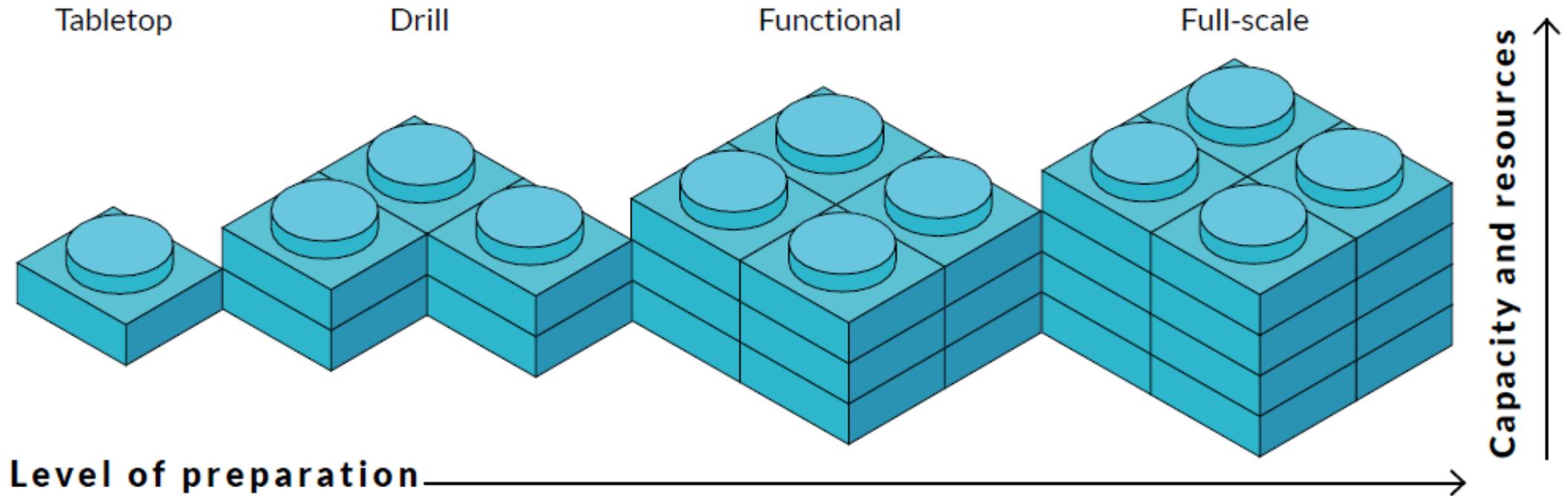
- Plans and procedures
- Communication
- Roles and responsibilities

IMPROVE

- Decision-making skills
- Multi-sectoral cooperation
- Communication
- Overall emergency response



Types of exercise

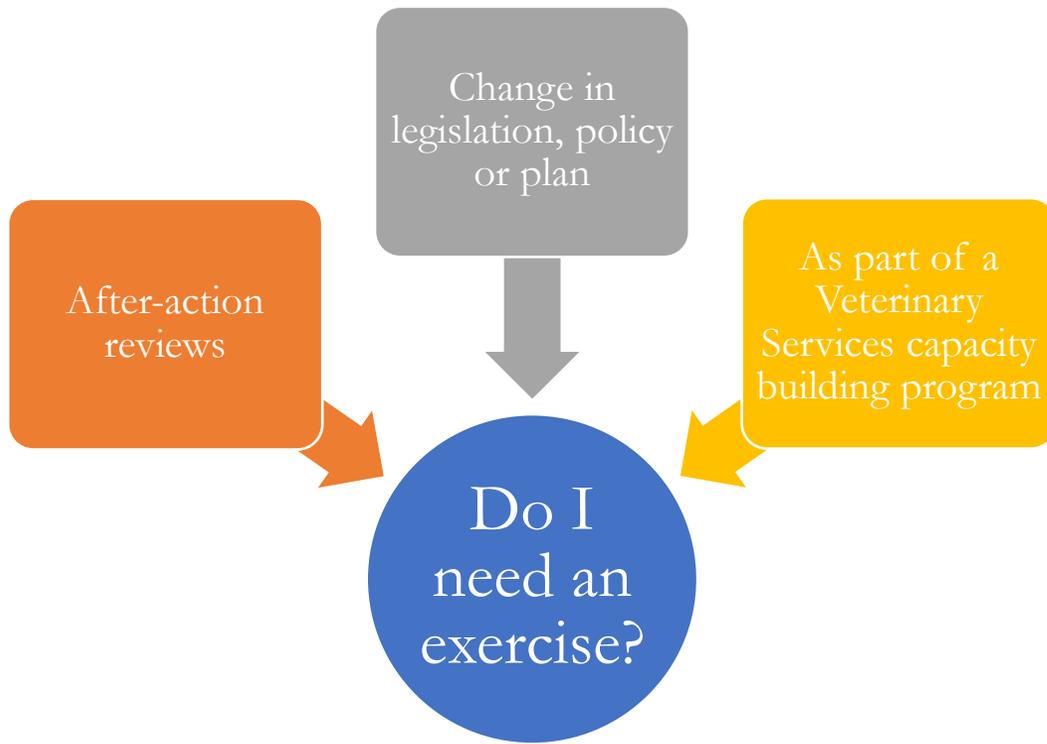


Source: World Health Organization. Figure 3 from the *WHO Simulation Exercise Manual* (<https://apps.who.int/iris/handle/10665/254741>).

PLANNING AN EXERCISE



Assessing the need for an exercise and obtaining approvals



- Defining the **need** for an exercise is the first step in planning an exercise.
- **Approvals** must be obtained from senior management to **commit resources** and the financial and personnel constraints within which the exercise planning team must operate



**Establish the
exercise
planning team**

**Define the
purpose**

**Determine the
scope of the
exercise**

**Define the
objectives**





Format of the exercise

Location

Participants involved

Prepare documentation

Communication

Logistics and administration

Pre-exercise activities for participants



Delivering an Exercise



Delivering the exercise



Exercise Manager in charge



Health, safety and well-being of all participants



Pre-exercise briefing for all participants



Management and facilitation



Debriefing for all participants





Learning from an exercise



Learning from the exercise

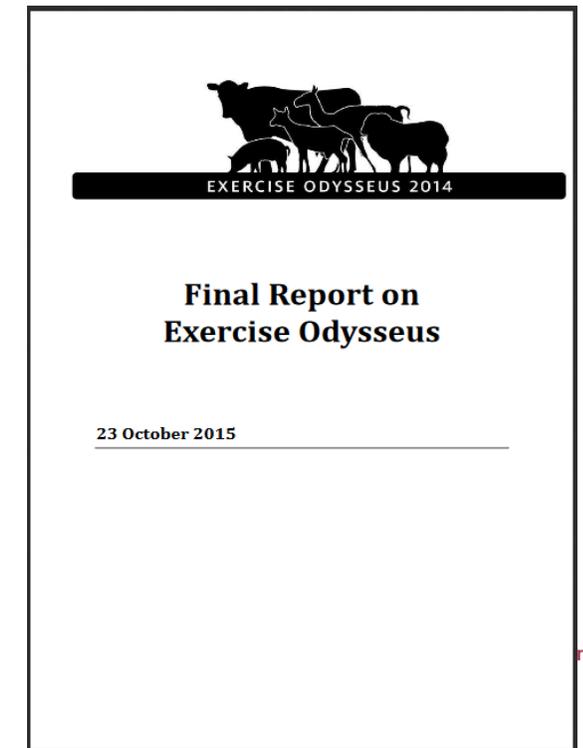
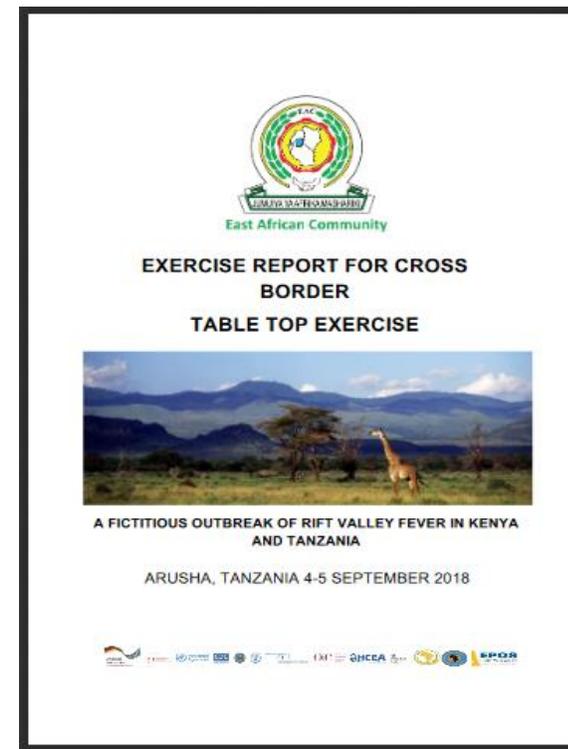
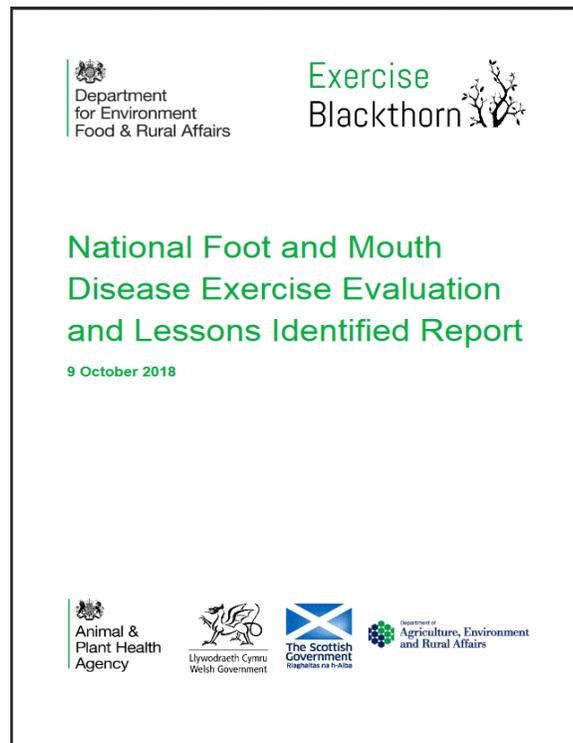
- Two main components:

Lessons learned to **improve emergency preparedness and response**

Lessons learned concerning the planning and delivery of the simulation exercise to **improve the quality of future exercises**

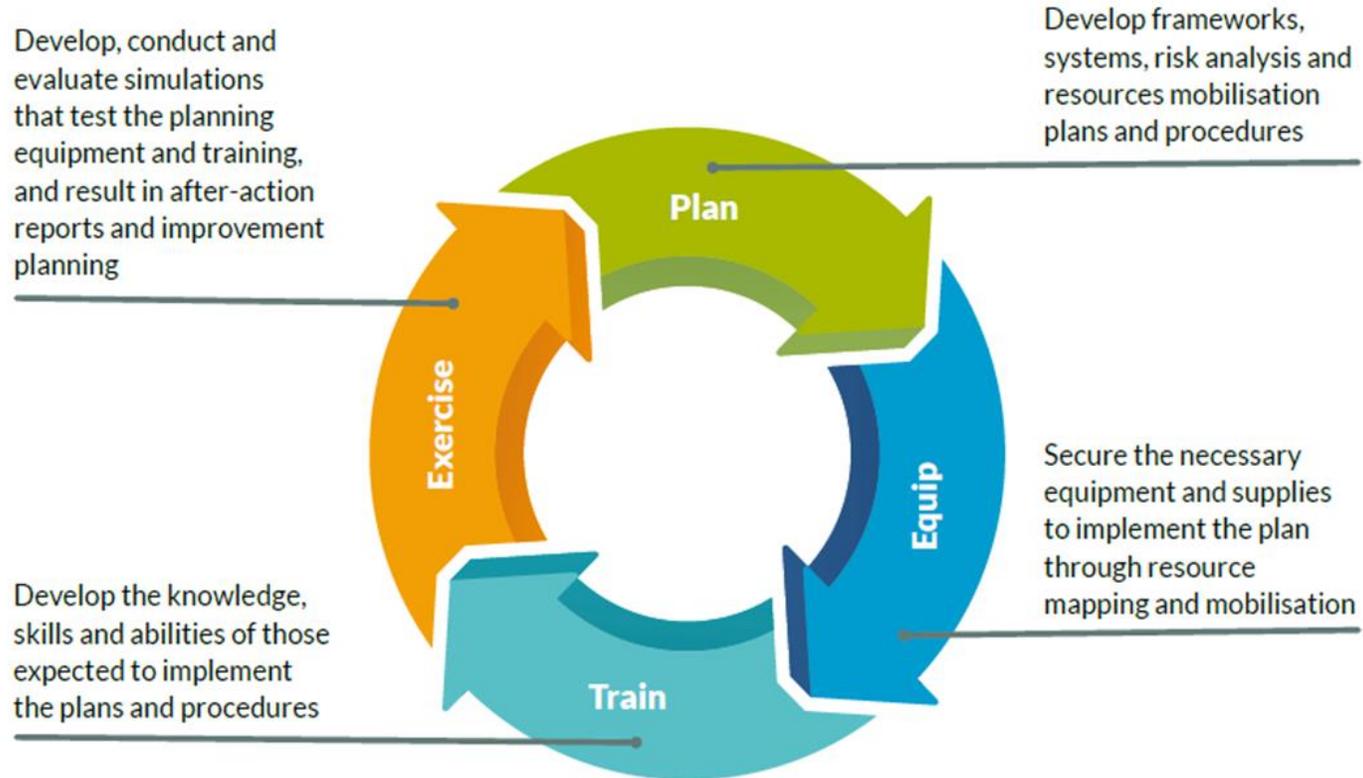
- Evaluators report on observations

- Exercise Report





Learning from an exercise



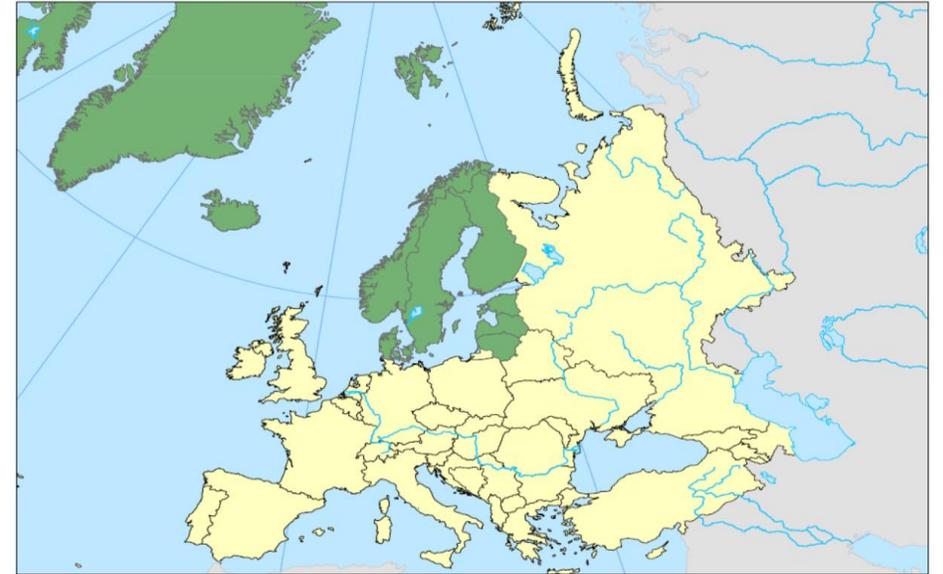
Source: World Organisation for Animal Health. After Figure 2 from the *OIE/FAO Global Rinderpest Action Plan: Post-Eradication* (www.oie.int/fileadmin/Home/eng/Media_Center/docs/pdf/PressReleases/Global_Rinderpest_Action_Plan_2018.pdf).



Exercise Ruta 2019

- FMD simulation regional simulation exercise
- Tabletop exercise
- 9 countries took part and purpose was to enhance **joint emergency preparedness** among the Nordic and Baltic Countries and assist understanding of **roles and responsibilities** in the event of FMD outbreaks
- **Objectives** focused on preparing and implementing an **FMD emergency vaccination plan** and exit strategy and well as **stamping out.**
- Discussions and use of injects
- **Evaluation** determined recommendations on how to improve contingency plans and SOPs.
- Recommendations on future exercises

<https://pub.norden.org/temanord2020-530/#>



Thank you

12, rue de Prony, 75017 Paris, France
T. +33 (0)1 44 15 19 49
F. +33 (0)1 42 67 09 87

woah@woah.int
www.woah.org

[Facebook](#)
[Twitter](#)
[Instagram](#)
[LinkedIn](#)
[YouTube](#)
[Flickr](#)



World
Organisation
for Animal
Health

Organisation
mondiale
de la santé
animale

Organización
Mundial
de Sanidad
Animal

