# All Sectors on Deck!

# An overview of the Joint Risk Assessment Operational Tool

Food and Agriculture Organization of the United Nations

World Health Organization

World Organisation for Animal Health
Founded as OIE

# Why do we need Joint Risk Assessment?

**The reality: Technical staff from different sectors, assessing the same hazard, will generally estimate risk differently.**

**Example Risk Assessment Question:**

What is the likelihood of a zoonotic influenza infecting a person and infecting an animal?

| Animal Health Sector Assessment: | Human Health Sector Assessment: |
| --- | --- |
|   |   |
|   |   |

# Can we just use existing risk assessment tools, jointly?

**Joint methods and approaches are required to fully understand hazards arising at the interface**

While sector-specific risk assessment methods are similar, they...

- Can be operationally different
- Have evolved to meet the needs of specific sectors
- Do not directly align to support expertise and data gathering from many sectors
- Cause confusion when sectors have differing approaches to foundational risk assessment principles  such as risk pathways, impact, uncertainty versus confidence, and more

# All Sectors on Deck…

**All relevant stakeholders are required to fully understand hazards arising at the interface**

## When all relevant sectors are at the table they can:

- Collectively evaluate where and why risk exists
  - ✔ through **expertise** and **data** gathered from each sector

- Minimise unintended impacts
  - ✔ by understanding and addressing the **perspectives** and **needs** from each sector

# Joint Risk Assessment Operational Tool (JRA OT)

An Operational Tool of the Tripartite Zoonoses Guide

*Taking a Multisectoral, One Health Approach: A Tripartite Guide to Addressing Zoonotic Diseases in Countries*

Food and Agriculture Organization of the United Nations

OIE

World Health Organization

# Introducing the Joint Risk Assessment (JRA OT)

Builds from existing tools and resources available across the Tripartite



Food and Agriculture Organization of the United Nations

OIE

World Health Organization

# A standard Tripartite (FAO-OIE-WHO) operational tool

## JRA OT allows technical staff to conduct joint qualitative risk assessments at the national or subnational level

A 10-step method for assessing risk at the human-animal-environmental interface:

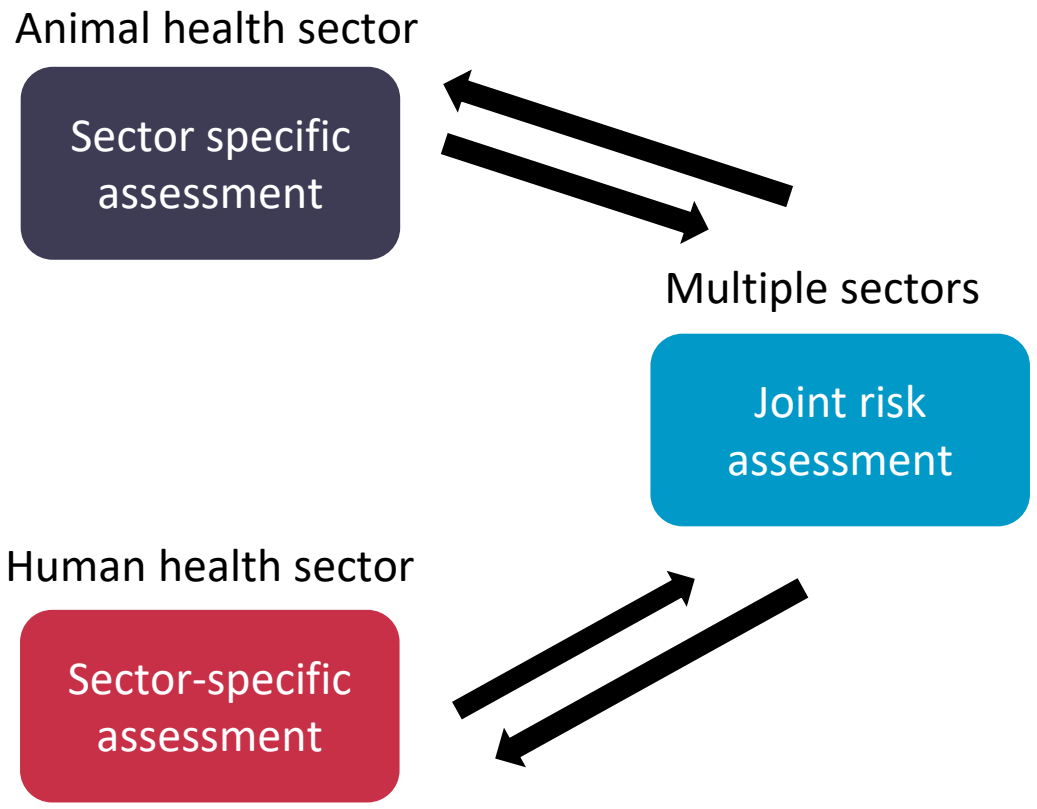
- Qualitative
- Assessment of a single hazard (e.g. health event or priority zoonotic disease)
- Uses existing technical knowledge and available data
- Can be iteratively repeated and updated
- Ensures science-informed / evidence-based risk management and communication
- **Does NOT replace sector-specific risk assessments**

# Values and integrates sector-specific risk assessments into the JRA

**Information from sector-specific risk assessments inform the JRA and vice versa**

Sector-specific risk assessments are required to manage unique risks related to each sector, including:

- ✔ Sector-related risk assessment questions
- ✔ Sectoral context, perspectives, priorities, and mandates



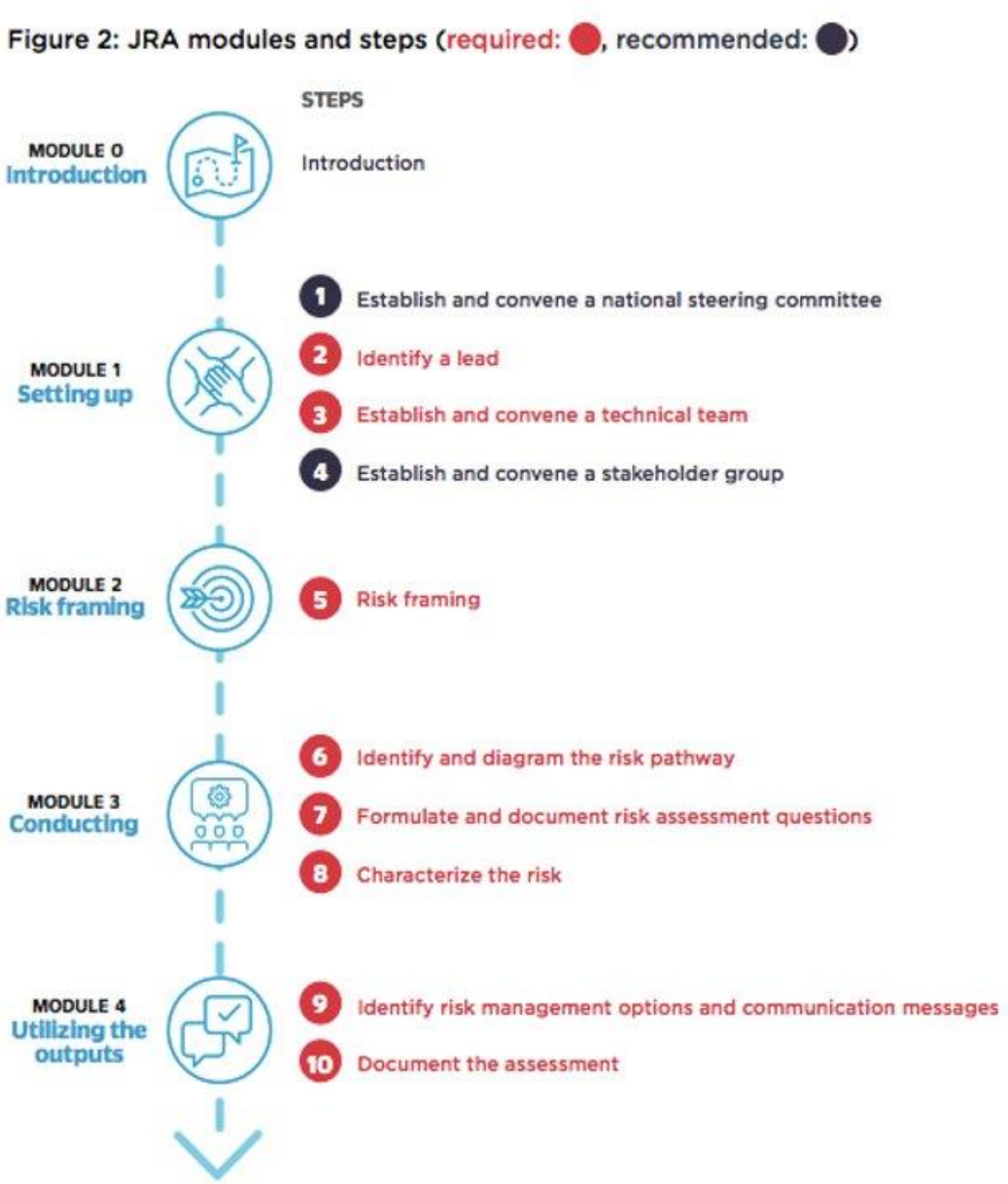
# Benefits of the JRA OT

- Creates a national structure and approach for conducting JRAs at the national or subnational levels
- Identifies joint hazards
- Involves all relevant sectors in technical risk assessment
- Allows decision makers to implement evidence-based approaches for risk management and communication
- Fosters regular communication among sectors
- Identifies missing information and knowledge gaps

# The 10-steps to the JRA Method

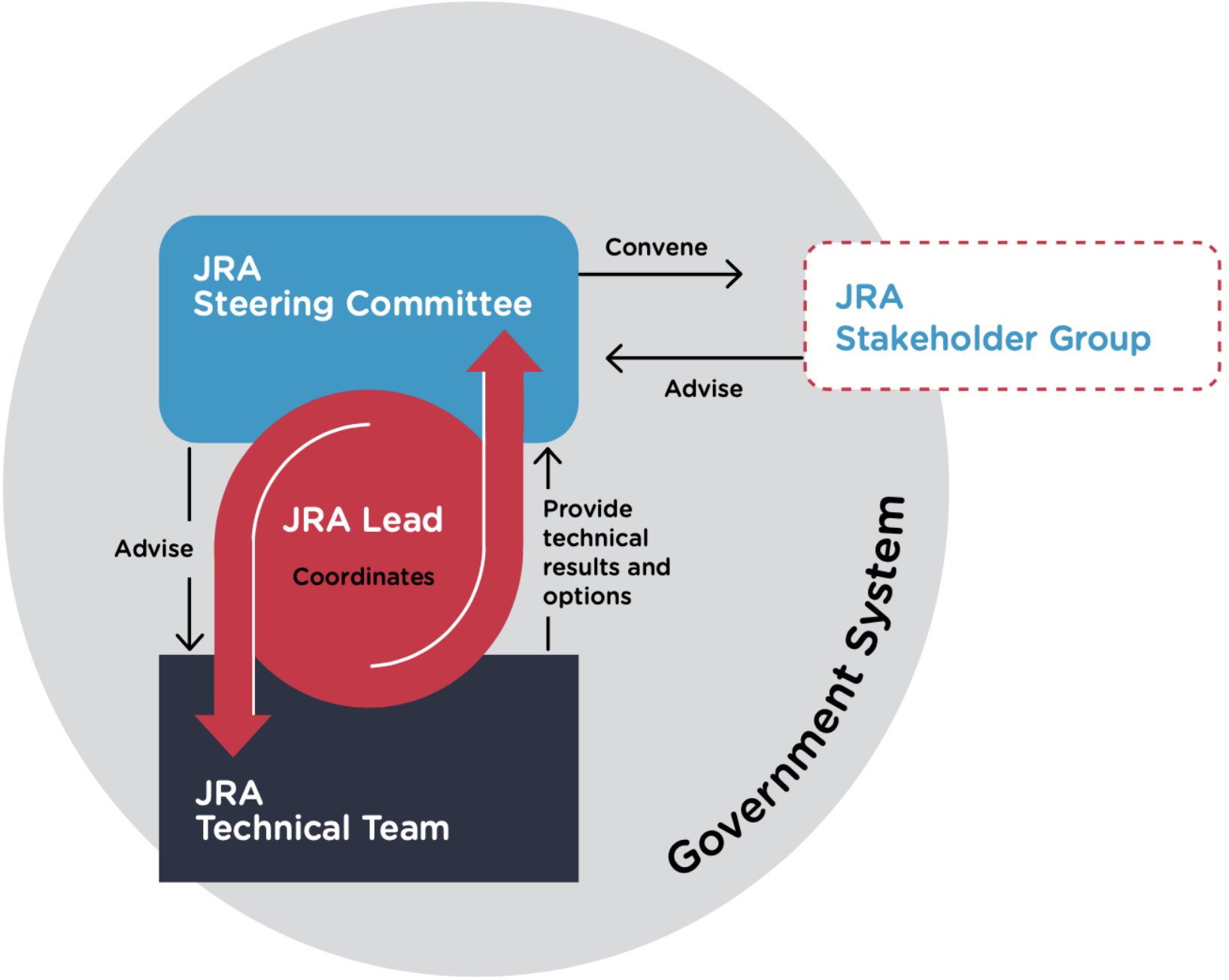
# JRA modules & steps

**The 10 steps of the JRA OT are divided into four modules in a workshop format**

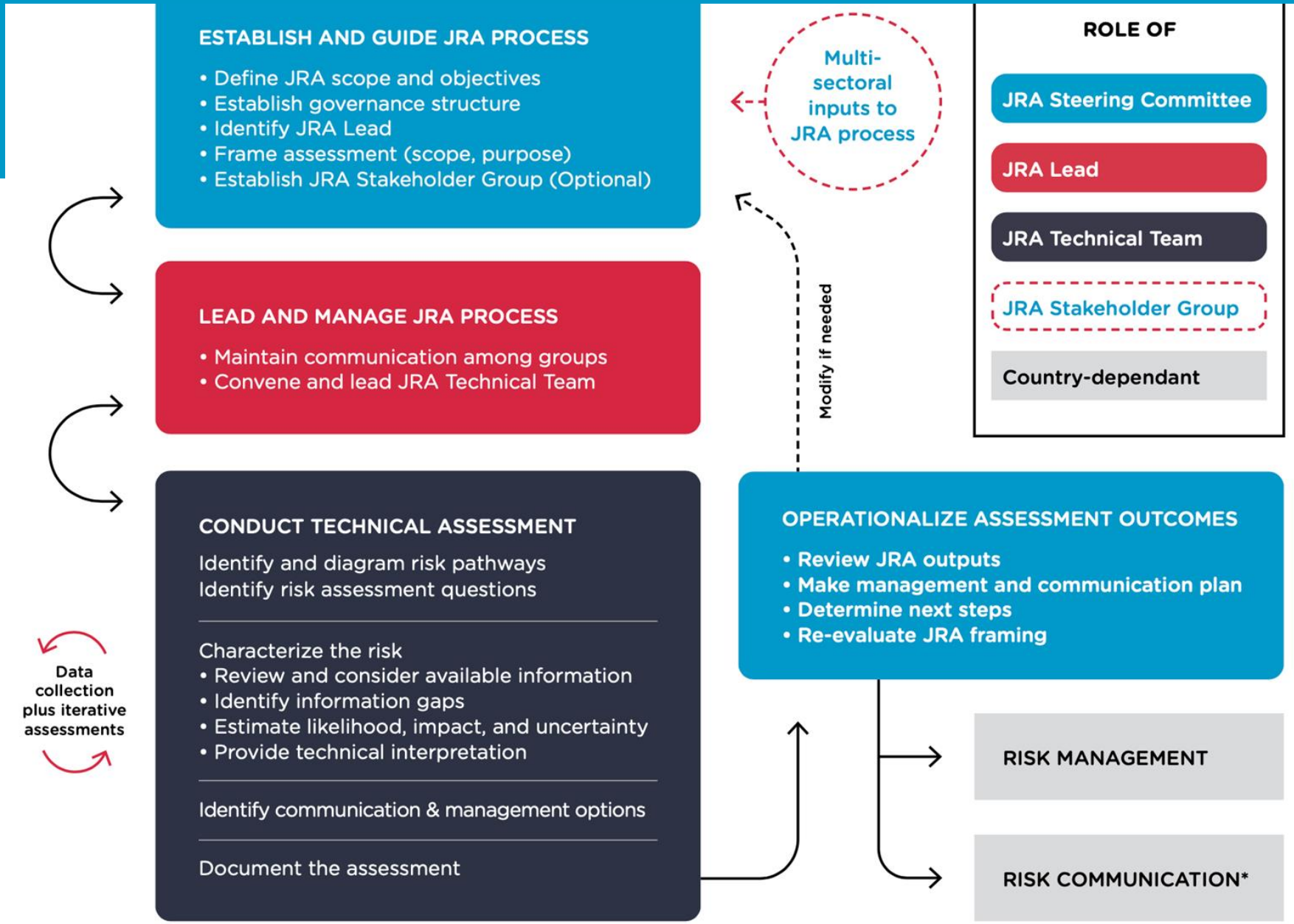


# Setting up JRA

**The JRA Organizational Structure**

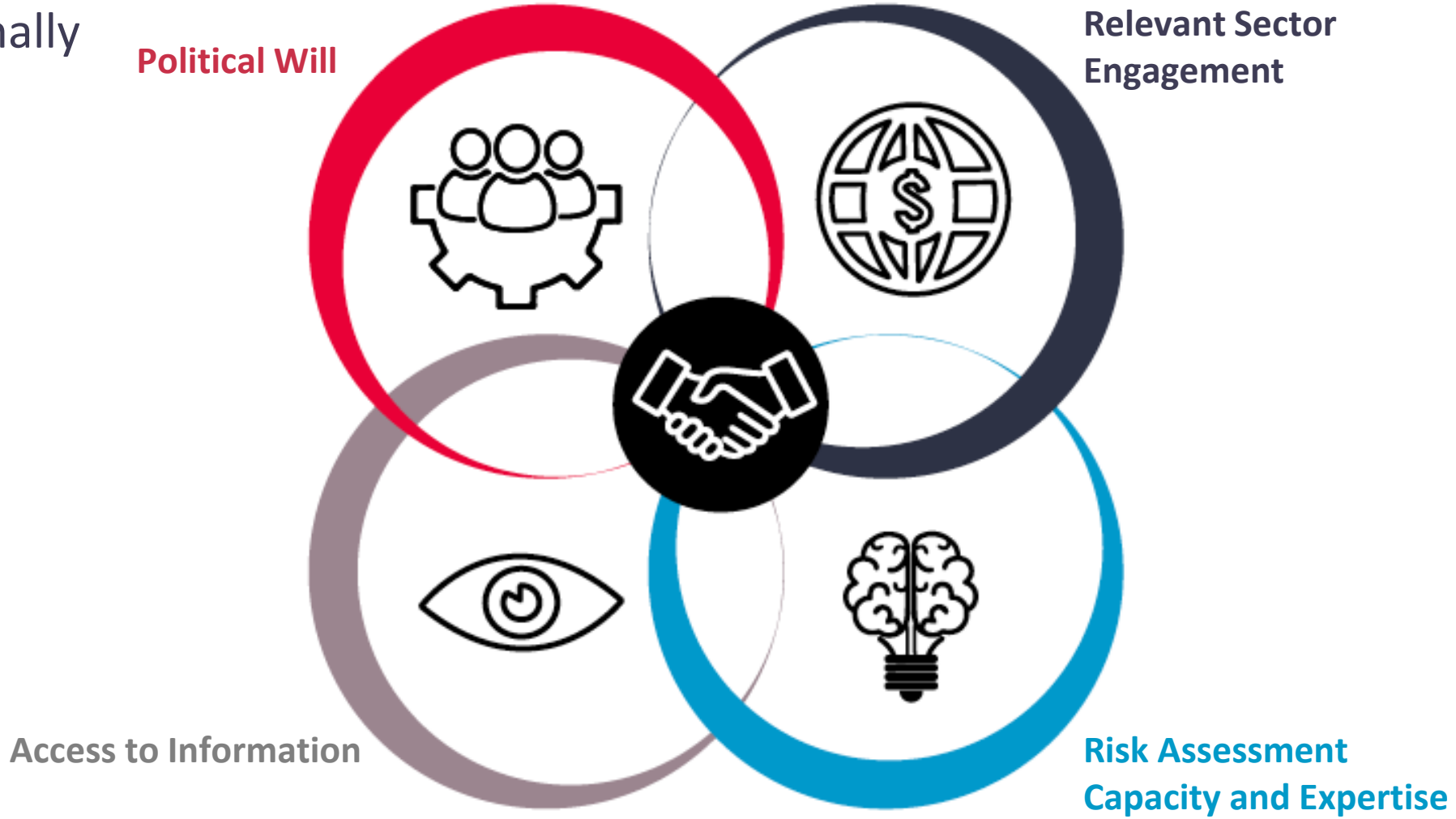


# Roles & responsibilities



# Enhancing the JRA

The JRA functions optimally when all are available:



# Questions?

# Thank you!

## More information on the JRA OT

WOAH webpage: https://www.woah.org/en/document/en_jointriskassessmentoperationaltool_webversion/

WHO webpage: Joint Risk Assessment Operational Tool (JRA OT) (who.int)

FAO webpage: Joint Risk Assessment Operational Tool (JRA OT): An Operational Tool of the Tripartite Zoonoses Guide (fao.org)

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