

Fortifying institutional resilience against biological threats (FIRABioT) project launch

Emergency response systems

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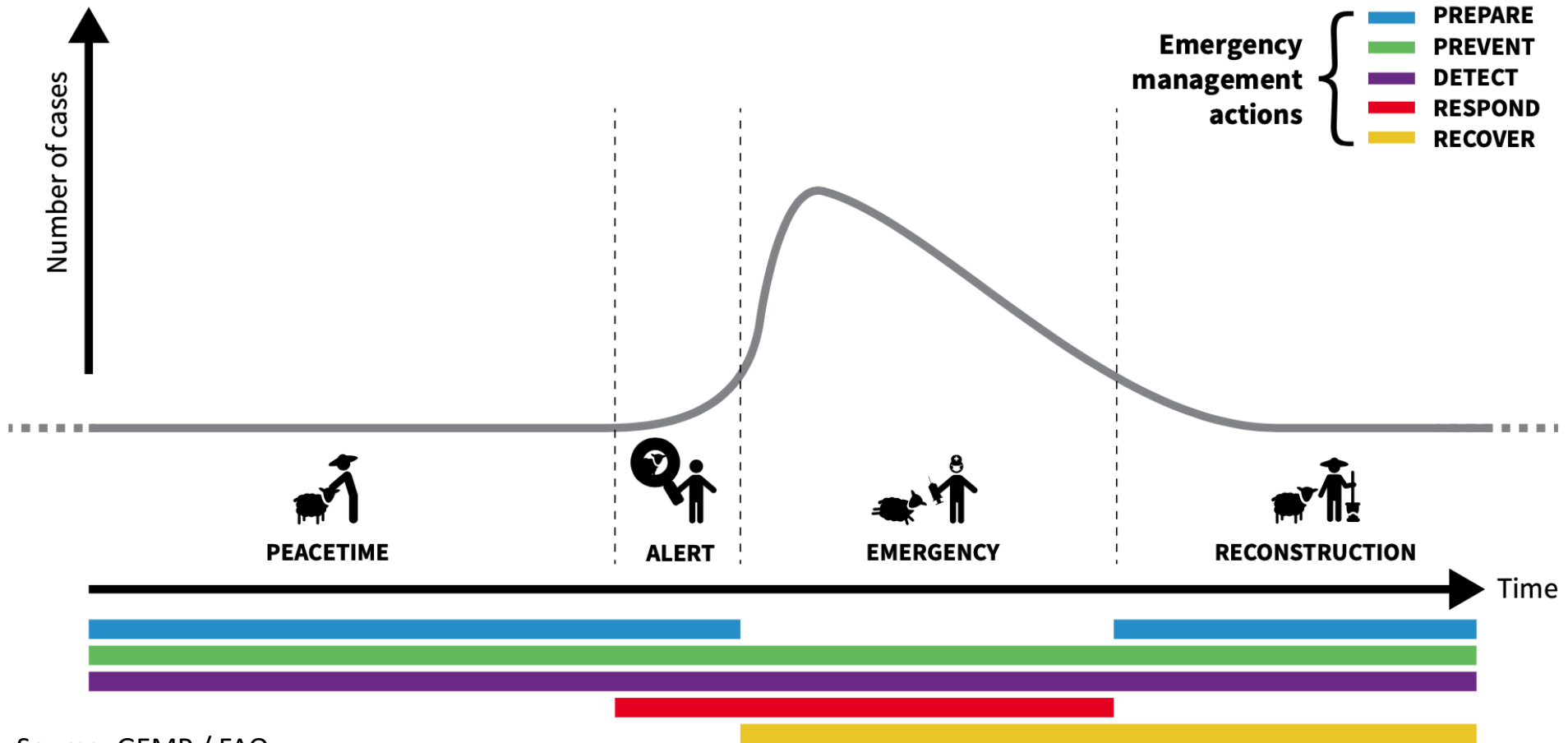
Nairobi – Kenya

14-16 March 2023

Emergency management cycle



Emergency management actions implemented at each phase of an animal health event causing an emergency



Source: GEMP / FAO

Pillars of infection disease control

Find it fast

Surveillance

Public awareness

Eliminate it quickly

Culling and disposal

Cleansing and disinfection

Compensation

Stop the spread

Biosecurity

Movement restrictions

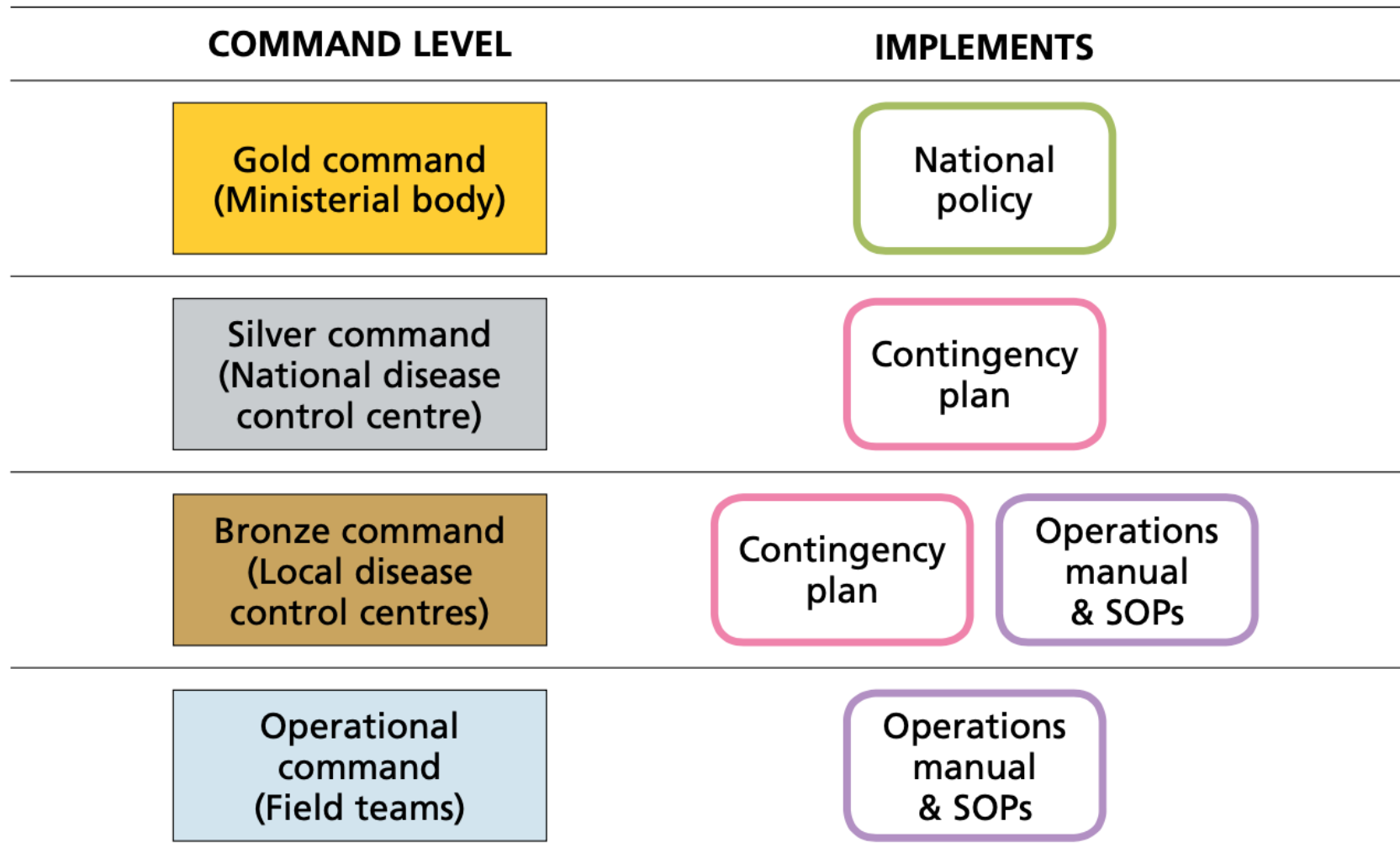
Public awareness

Vaccination (treatment)

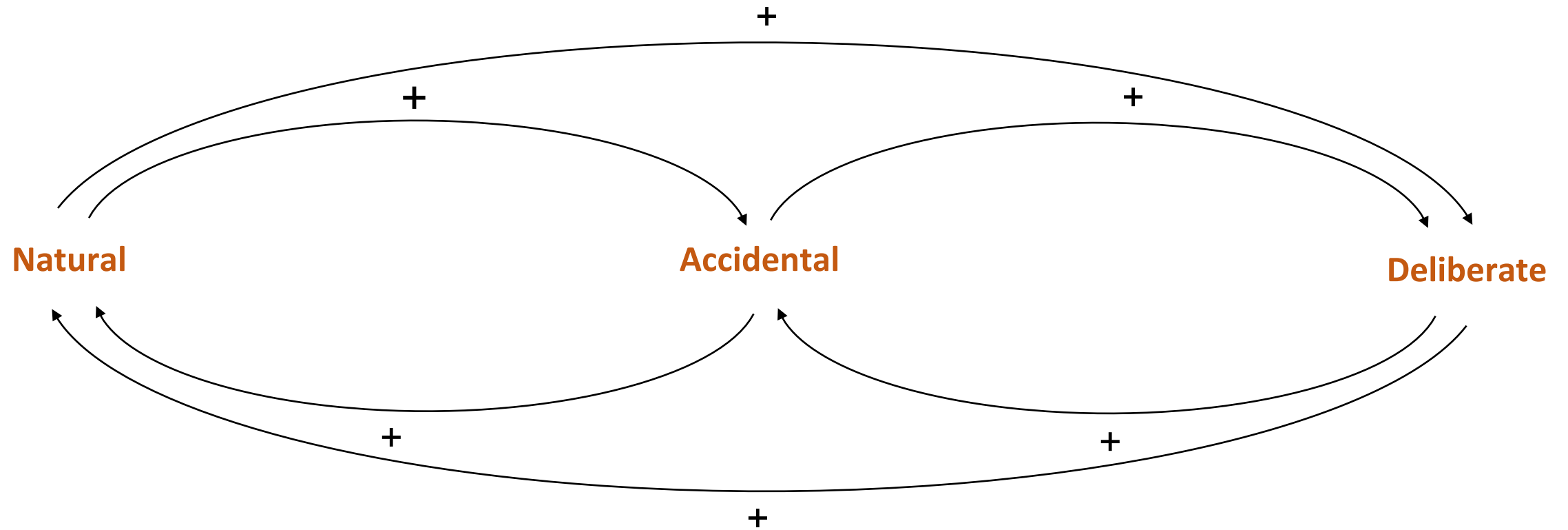
Contingency plans

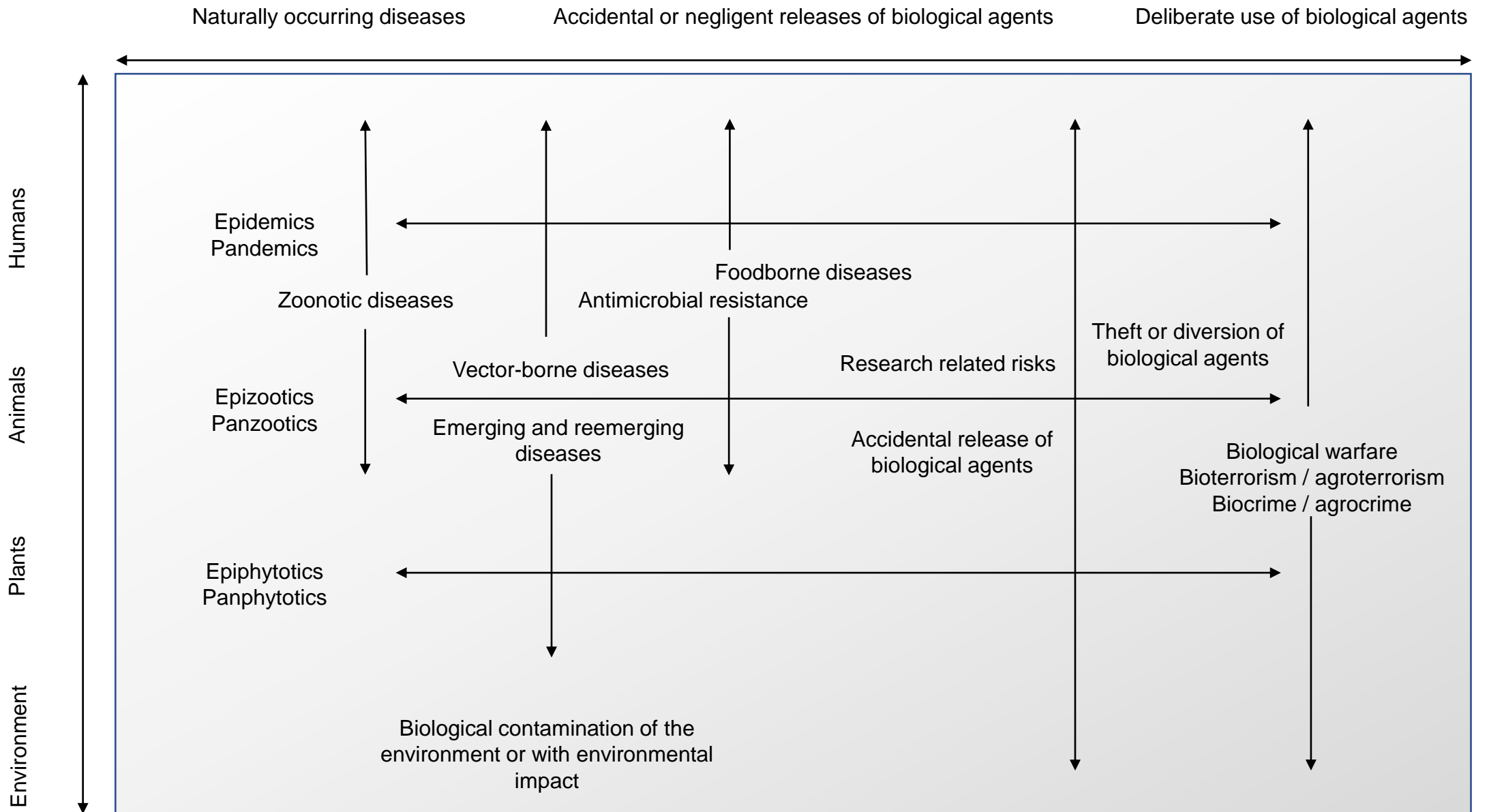
1. Legislation
2. Finance
3. Command and control
4. Nature of the disease
5. Size, structure and movements and trading patterns of relevant live stock populations
6. Wildlife
7. Policy
8. Resource plans
9. Laboratories
10. Vaccination
11. Public awareness
12. Communication
13. Establishing disease freedom
14. Recovery

Command and control



Biological threats spectrum



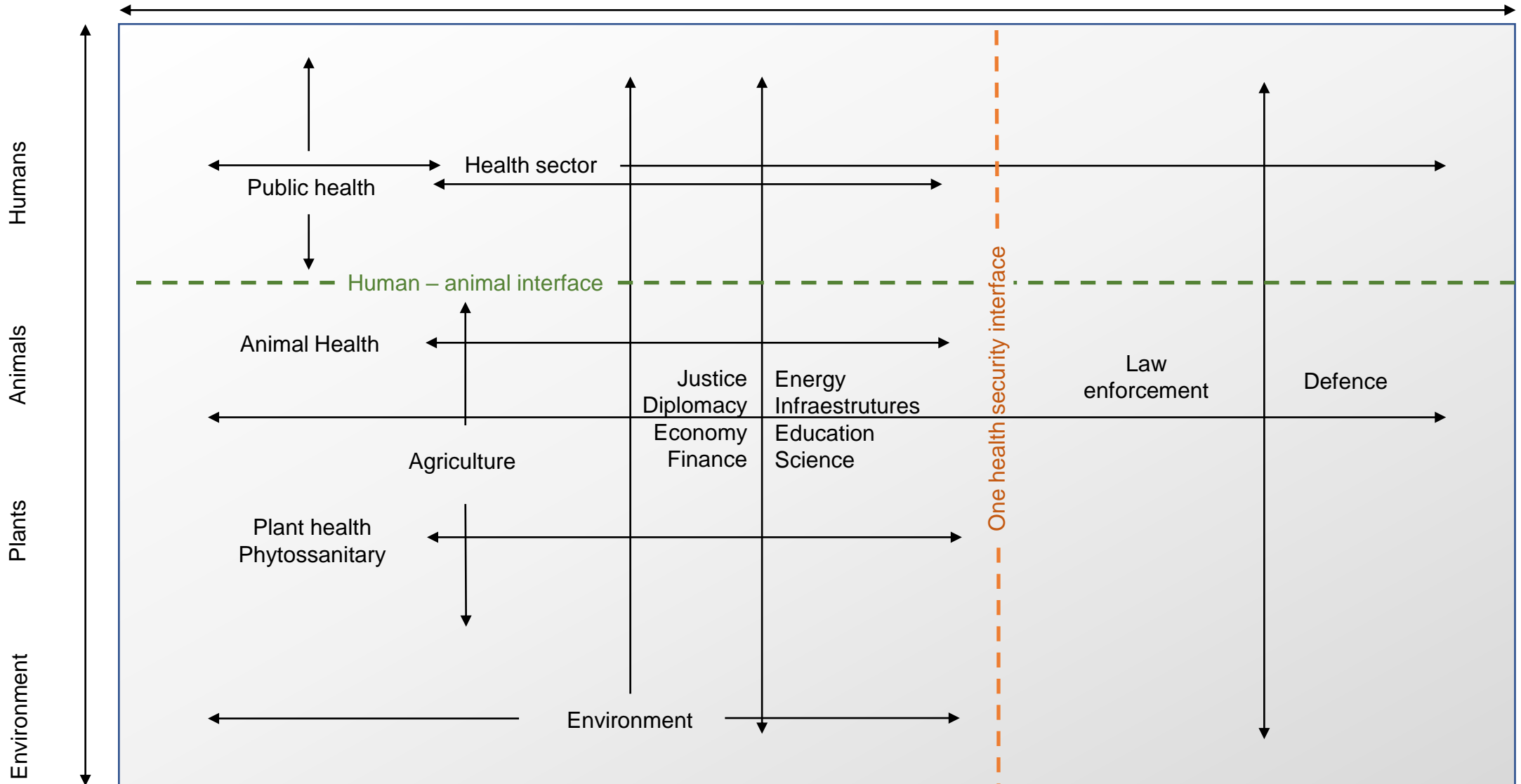


**INTERSECTORAL
COLLABORATION**

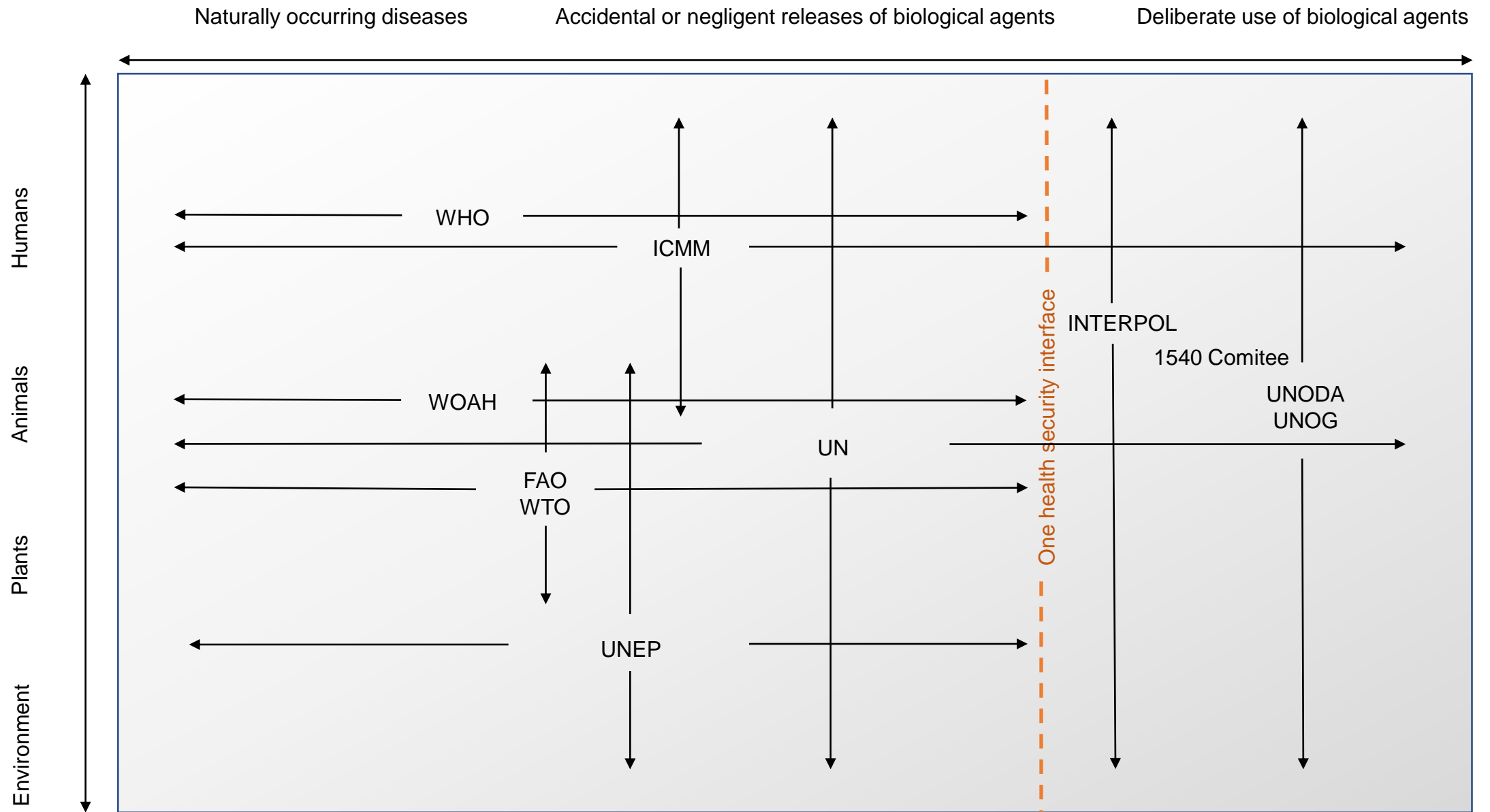
Naturally occurring diseases

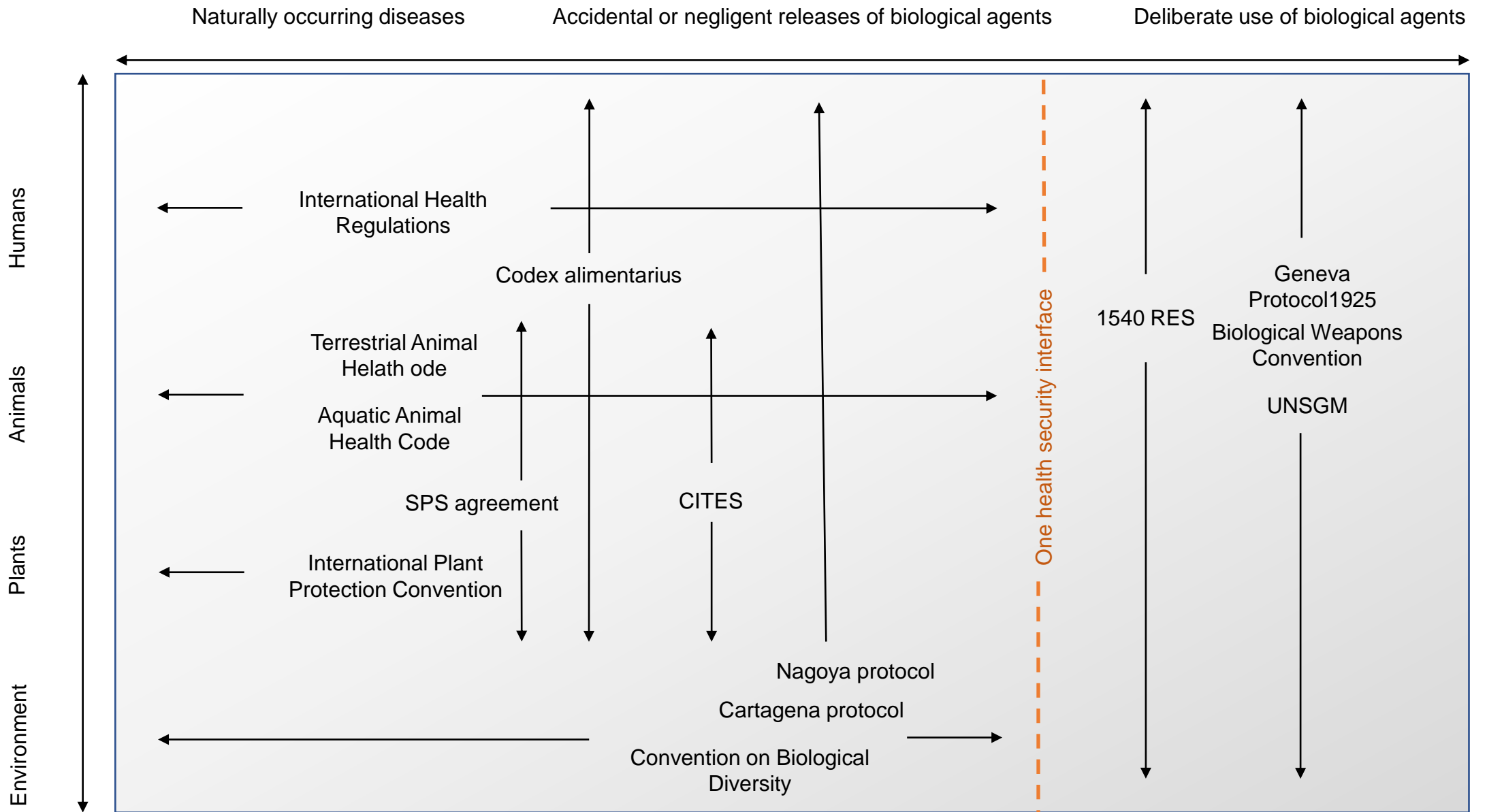
Accidental or negligent releases of biological agents

Deliberate use of biological agents



INTERNATIONAL COOPERATION





Portugal has nearly run out of people to vaccinate. What comes next?

By [Chico Harlan](#) and Mia Alberti
September 30, 2021 at 6:00 a.m. EDT

Lisbon is triumphant: a city of live music and partying, where early-risers might find sidewalks still sticky with beer. Traffic is back to normal as people settle into the rhythms of commuting to work. And the celebrity of the moment — on glossy magazine covers — is the former submarine commander who led the country's vaccination drive.

LISBON — Portugal's vaccination campaign is almost over now, and it has exceeded even the wildest goals. Nearly an entire nation trusted in the science, officials say. At mass immunization centers, just the last trickle of teenagers is passing through. Some 85 percent of Portugal's population is fully vaccinated — aside from tiny Gibraltar, the highest rate in the world.

A wartime approach

But across Lisbon, in a windy hilltop military facility, Portugal's much-admired vaccine czar was worried about something else entirely.

To Henrique Gouveia e Melo, most of the information arriving about the elderly was overwhelmingly reassuring. Even six months in, they weren't filling hospital beds. Case levels among seniors were falling still.

The naval vice admiral had spent much of his career measuring risks, and he felt the biggest risk for Portugal required a bigger-picture view.

The New York Times

In Portugal, There Is Virtually No One Left to Vaccinate

Portugal is among the most highly vaccinated countries in the world. Vice Adm. Henrique Gouveia e Melo, who led the campaign, said there was a key to his success: Keep politics out of it.

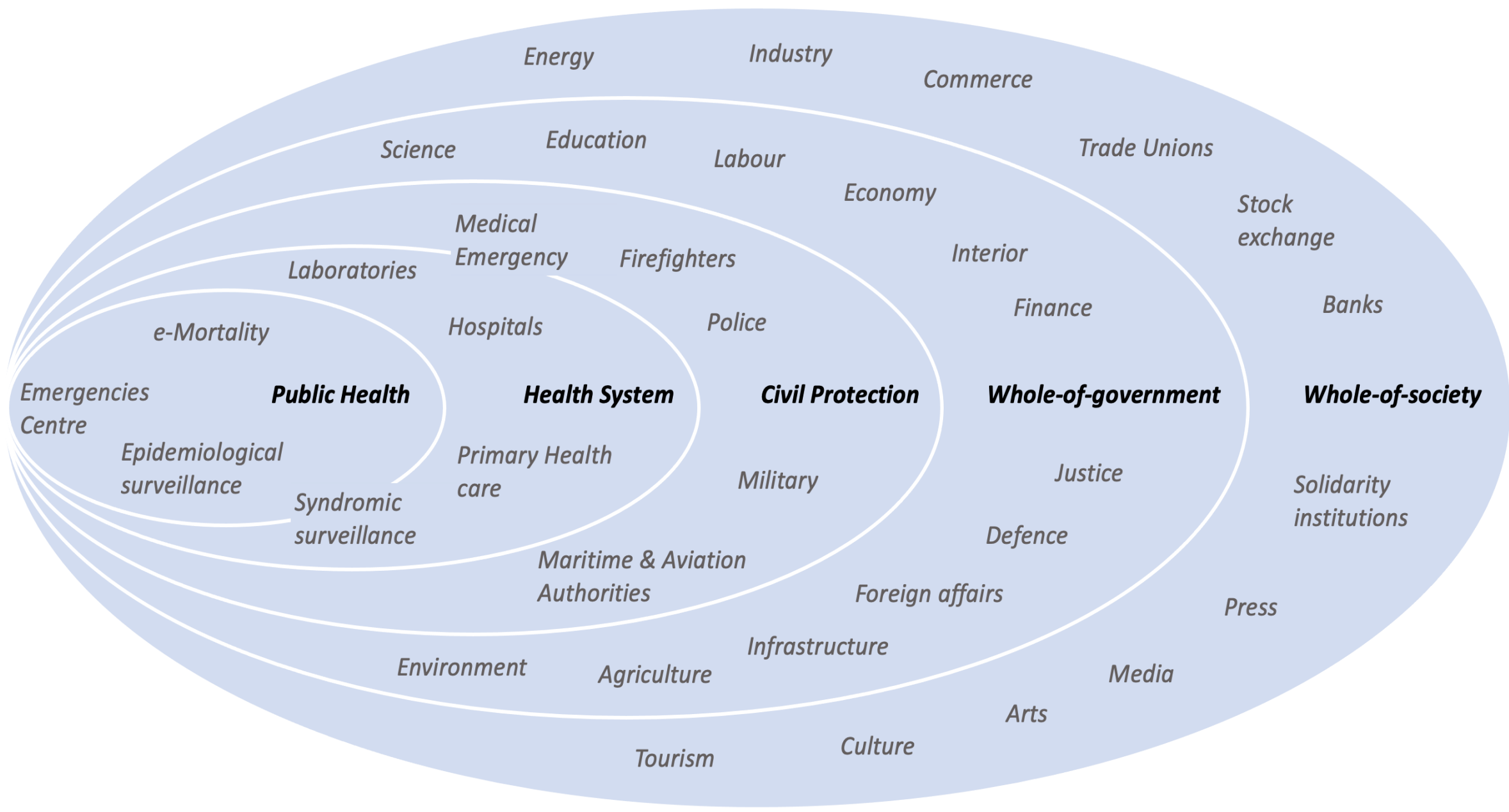


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