

# International Coordination for Deliberate Biological Events (DBE)

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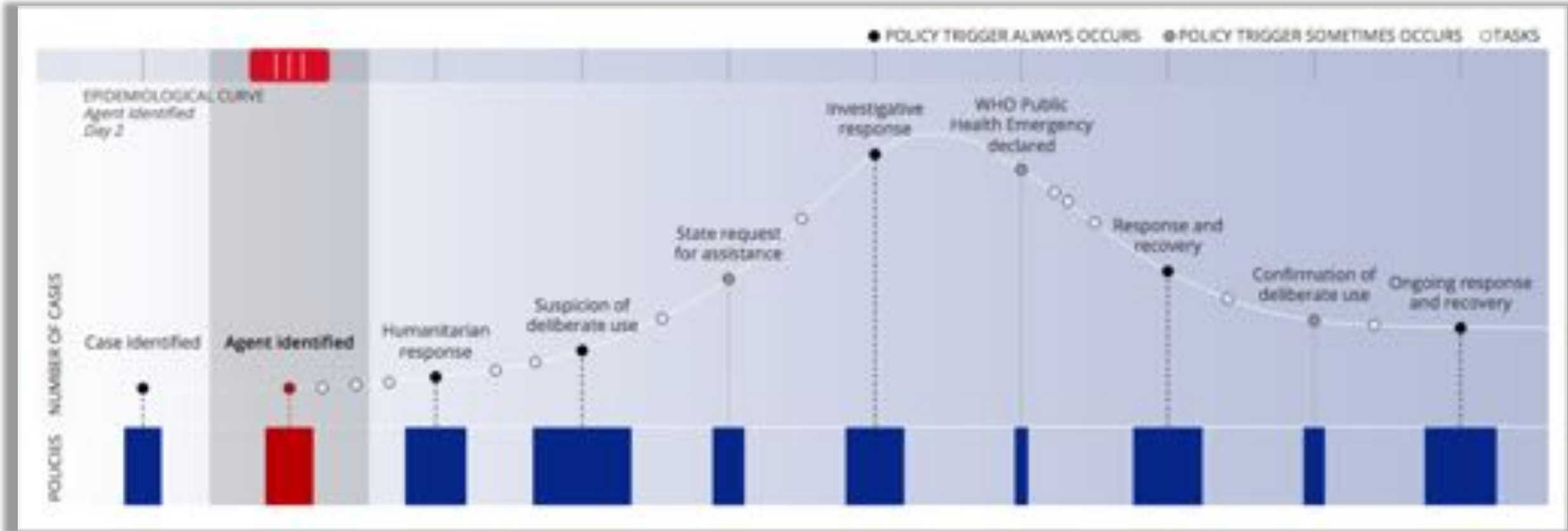
An analysis of policies, stakeholders, and roles against a timeline of the event

# Challenges of DBE Response and Recovery

- Authorities and mandates, and roles unclear in a deliberate biological attack (DBE), even among experts
  - Policies in place for natural outbreaks do not all apply
  - Stakeholders differ from natural outbreaks (e.g., military and law enforcement involvement; humanitarian assistance organizations may not respond)
  - Additional roles for investigative response, safety/security

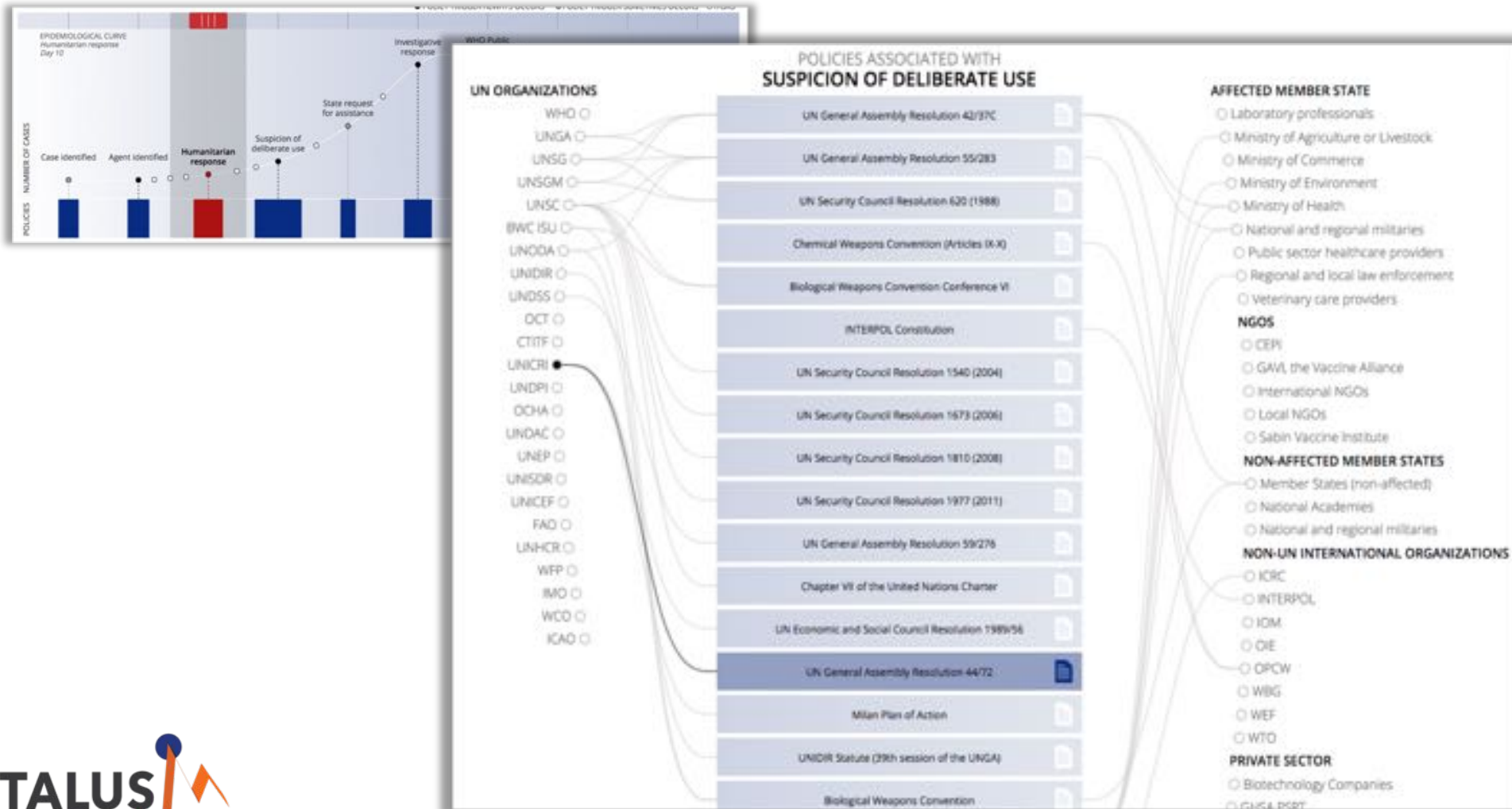
# Linking International Policy to Response

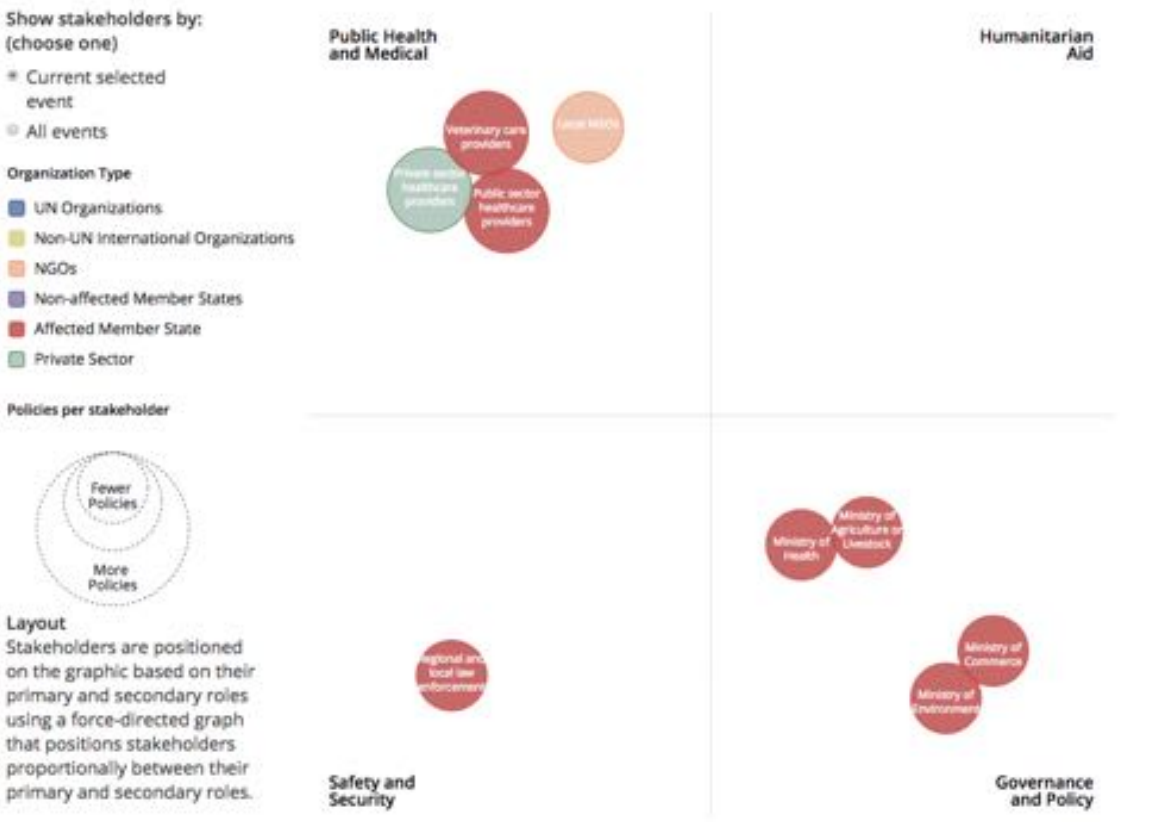
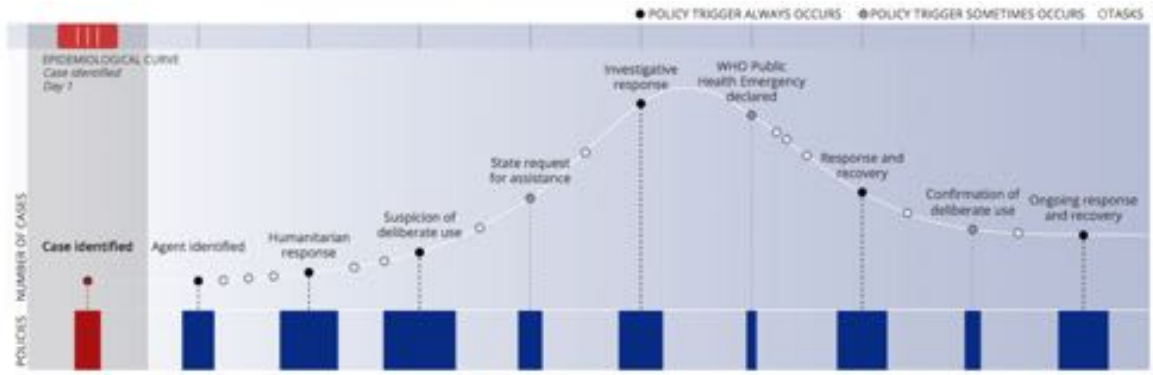
*Mapping stakeholders involved in a deliberate biological event to the timeline of events and policy charters*



# Linking International Policy to Response

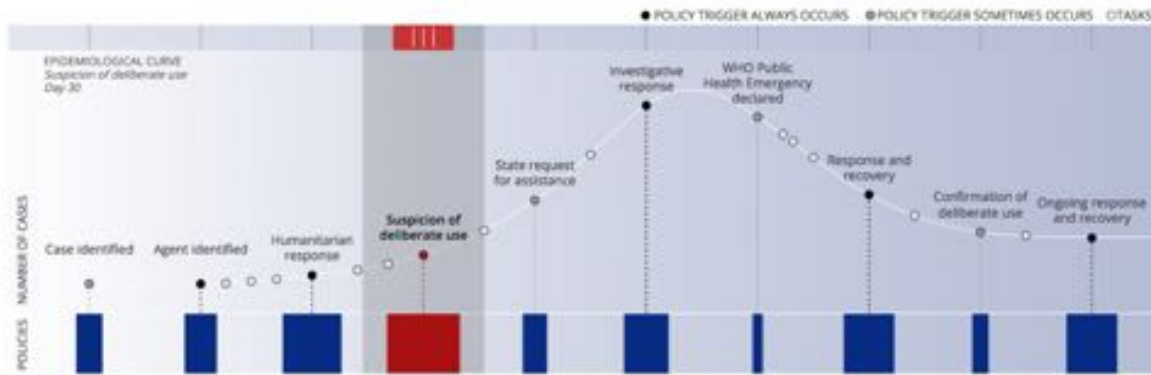
*What policies are in place to coordinate a response?*





# When the first cases are identified:

- Most stakeholders are local or regional (e.g. healthcare providers, veterinary care providers, local NGOs)
- Governance and policy is managed by national ministries
- Limited security involvement (maybe local law enforcement) or humanitarian aid (maybe local NGOs already in-country)



Show stakeholders by:  
(choose one)

- Current selected event
- All events

Organization Type

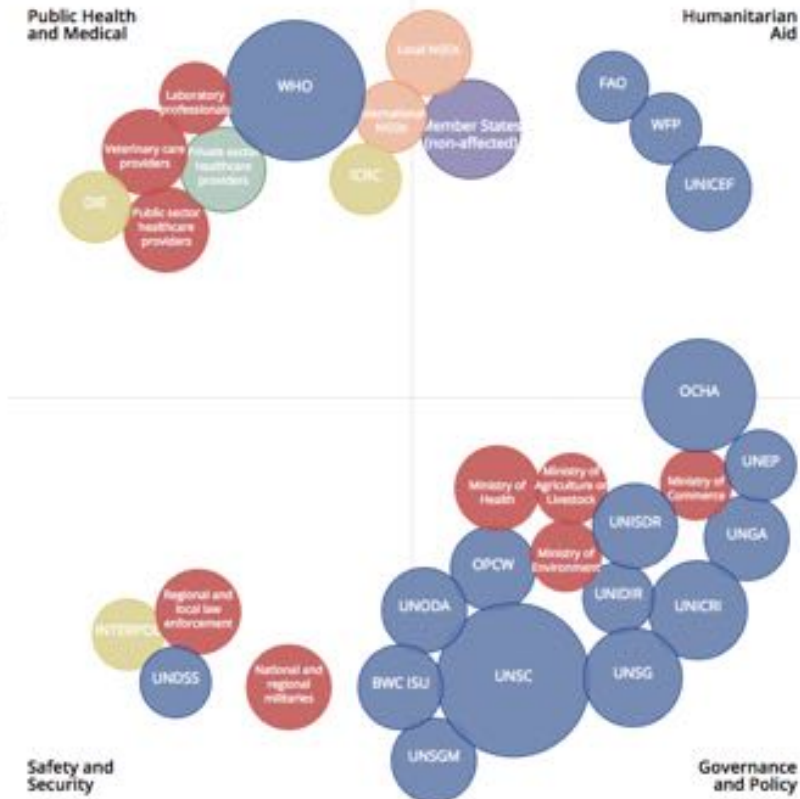
- UN Organizations
- Non-UN International Organizations
- NGOs
- Non-affected Member States
- Affected Member State
- Private Sector

Policies per stakeholder



Layout

Stakeholders are positioned on the graphic based on their primary and secondary roles using a force-directed graph that positions stakeholders proportionally between their primary and secondary roles.

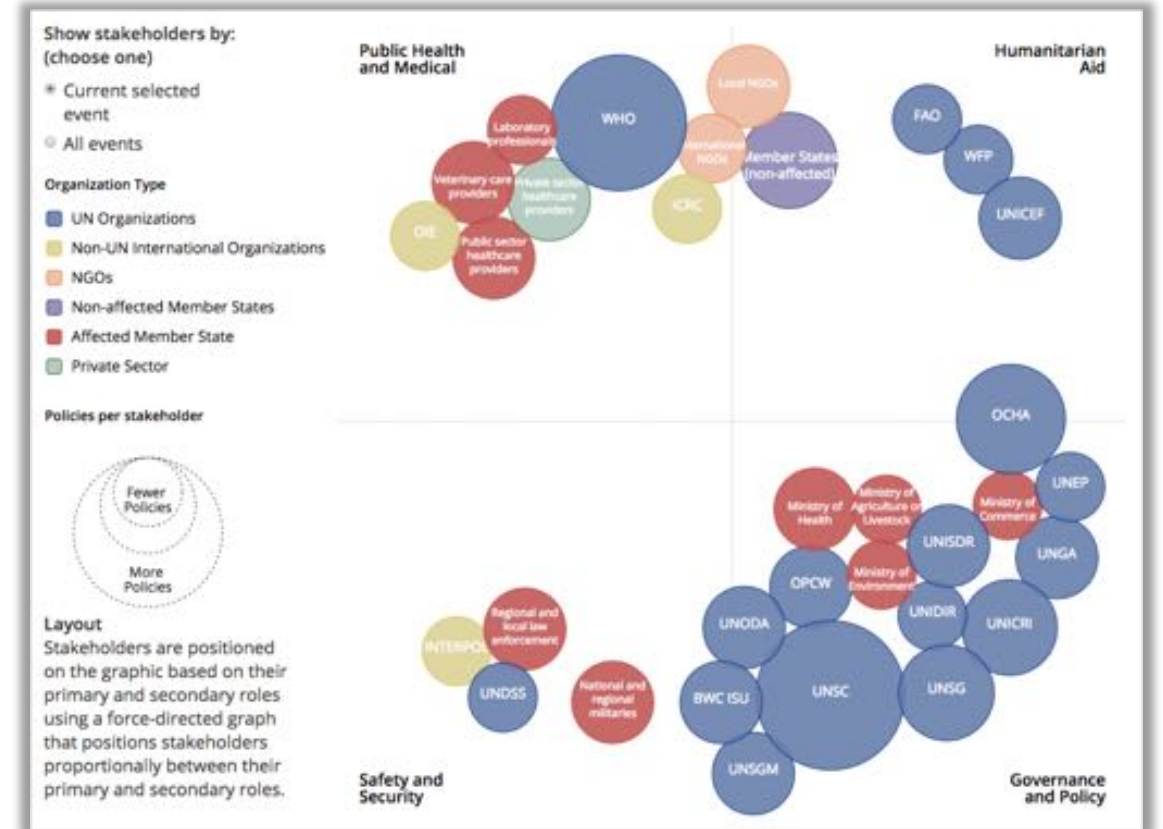
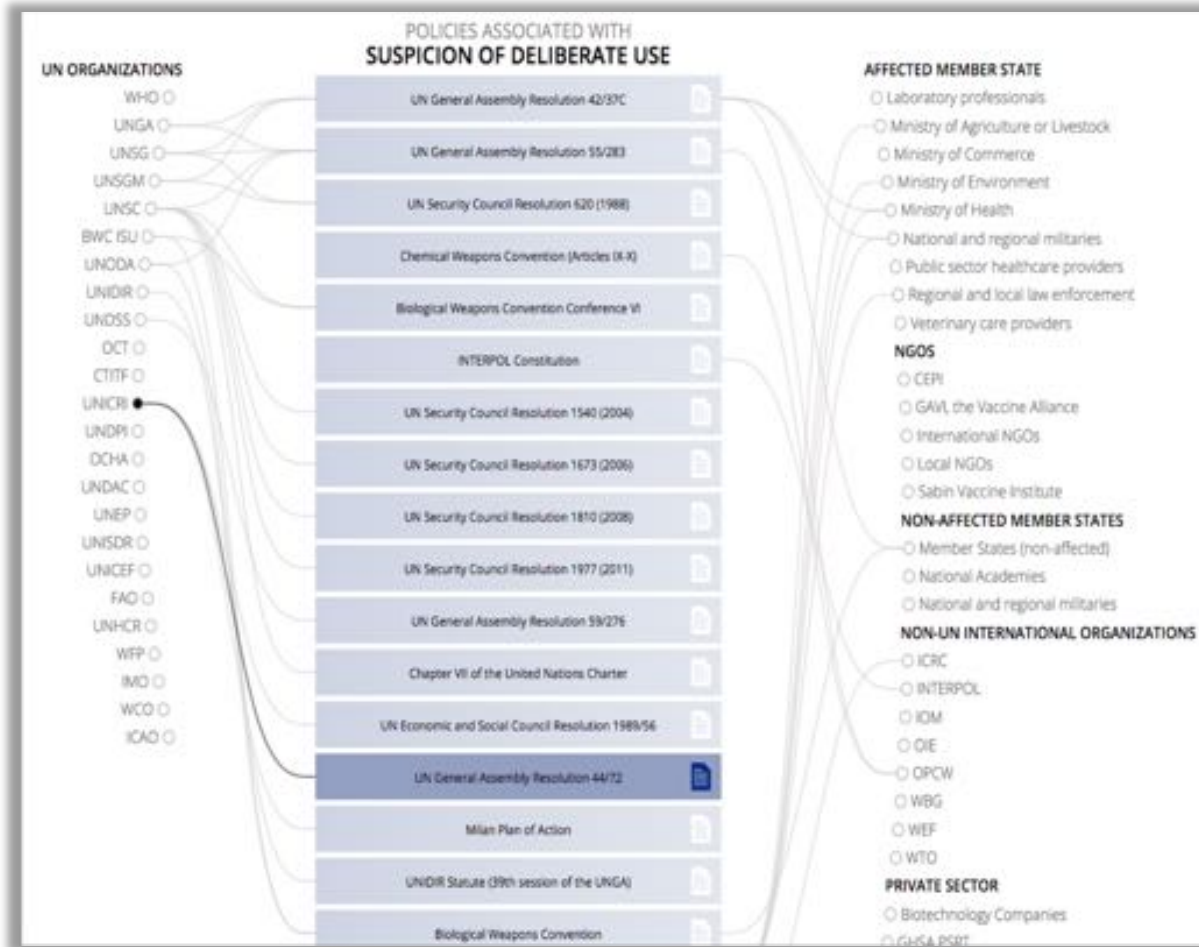


## When deliberate use is officially suspected:

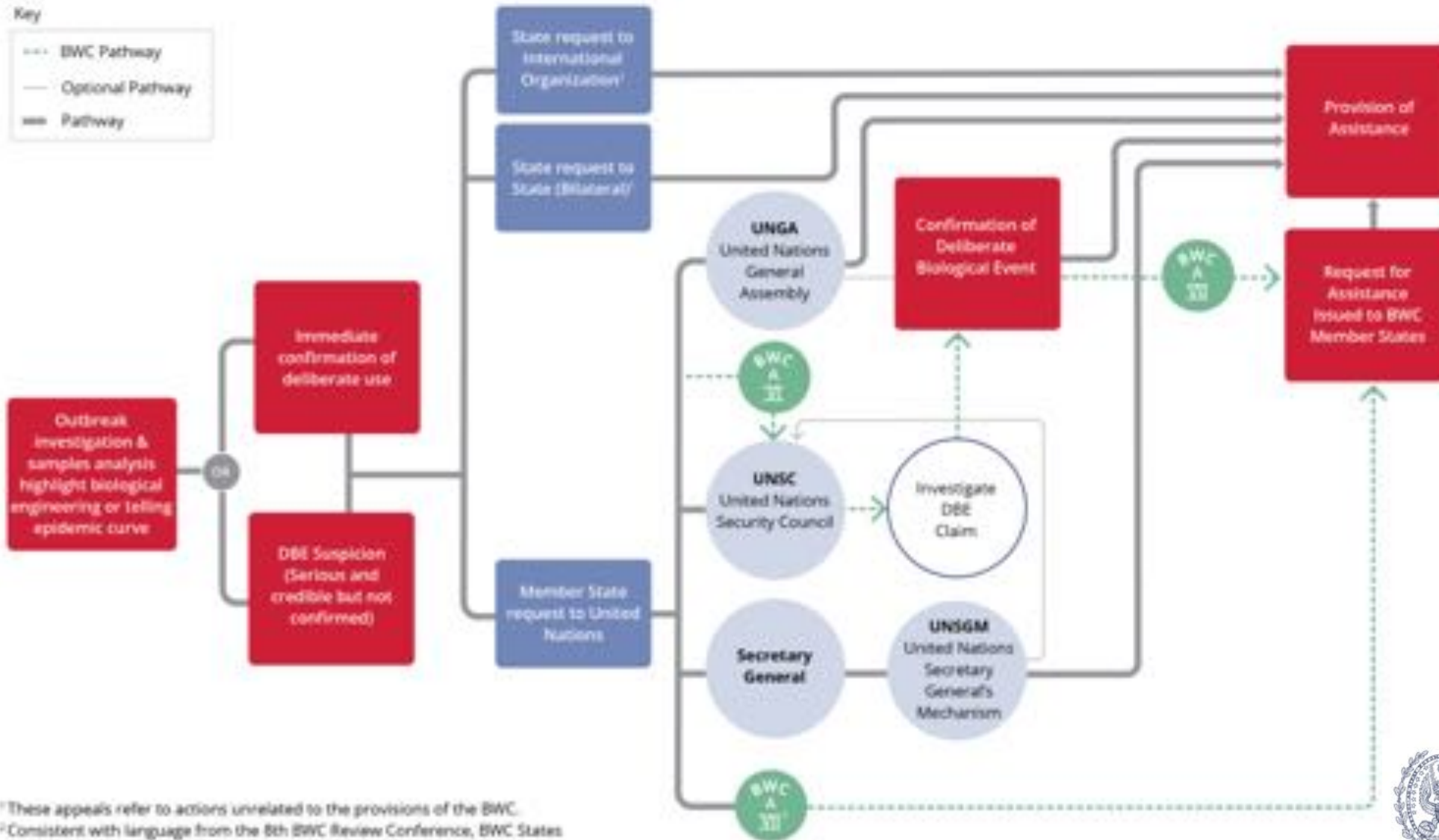
- Immediate surge in the number of organizations involved in governance/policy and in safety/security
- Non-affected member states likely to become involved
- Heavy involvement from many UN agencies in governance and policy roles, supporting the affected government

# Linking International Policy to Response

*No single clear authority or coordinating body*



# Pathways to BWC Article VII



<sup>1</sup> These appeals refer to actions unrelated to the provisions of the BWC.

<sup>2</sup> Consistent with language from the 8th BWC Review Conference, BWC States Parties may submit a provisional request for assistance under Article VII to other BWC States Parties, pending a determination by the UNSC.





# Articulating the gap: A path forward

- There is no clear lead for international coordination of a deliberate biological event
- Lack of deliberate events (fortunately) means systems are untested
- What is needed:
  - **A clearly articulated and scalable policy framework to define roles and authorities for deliberate biological events**
  - **Integration between national and international authorities**

# For more information:

[preprints.org](#) > [social sciences](#) > [political science](#) > doi: 10.20944/preprints201807.0607.v1

Preprint

Article

Version 1

This version is not peer-reviewed

## Mapping Stakeholders and Policies in Response to Deliberate Biological Events

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Version 1 : Received: 30 July 2018 / Approved: 31 July 2018 / Online: 31 July 2018 (06:14:05 CEST)

**How to cite:** Katz, R.; Graeden, E.; Abe, K.; Attal-Juncqua, A.; Boyce, M.; Eaneff, S. Mapping Stakeholders and Policies in Response to Deliberate Biological Events. *Preprints* **2018**, 2018070607 (doi: 10.20944/preprints201807.0607.v1). [Copy](#)

# For more information:



[GHSS.GEORGETOWN.EDU/DBE\\_RESPONSE](https://ghss.georgetown.edu/dbe_response)

[DBE.TALUSANALYTICS.COM](https://dbe.talusanalytics.com)

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