

# **Strategy on Epidemic Intelligence for Strengthening Early Warning of Health Emergencies in the Americas**

December 12, 2024

Health Emergency Information and Risk Assessment (HIM) Unit

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# Background: Epidemic intelligence in the Americas

Epidemic and pandemic-prone diseases remain a significant public health threat in the Region of the Americas, and new threats pose continued challenges

Efficient and robust early warning and response systems are needed, but implementation of epidemic intelligence in countries varies in the Region



# Regional Meeting on the Use of Epidemic Intelligence for Early Warning and Response

December 11-13, 2023, in Brasilia, Brazil

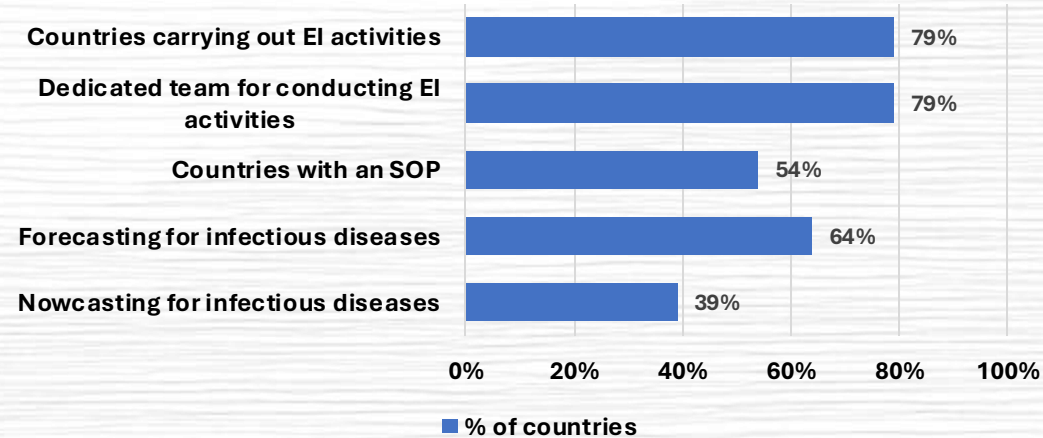


**31** Member States, **28** from the Region of the Americas and **3** belonging to the Community of Portuguese-speaking Countries (CPLP)

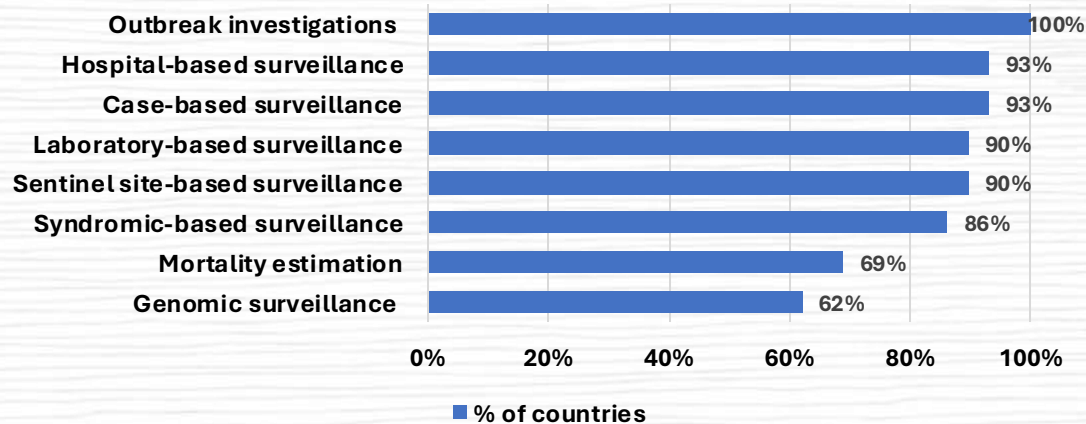
- To review the implementation of the Epidemic intelligence among countries participants (AMRO and Portuguese speaking countries);
- To facilitate the exchange of experiences and best practices among the participating countries;
- To identify key strategic priorities at national, sub regional and regional level; and
- To develop a roadmap for strengthening epidemic intelligence in the Region and among Portuguese speaking countries.

# Regional Meeting on the Use of Epidemic Intelligence for Early Warning and Response: Existing Capacities

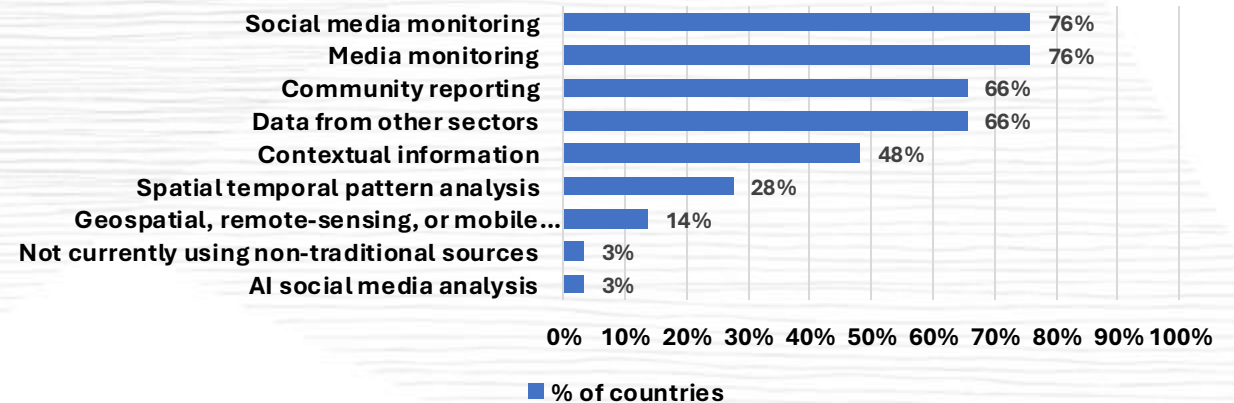
## Existing epidemic intelligence capacities



## Traditional type(s) of data sources for infectious disease surveillance

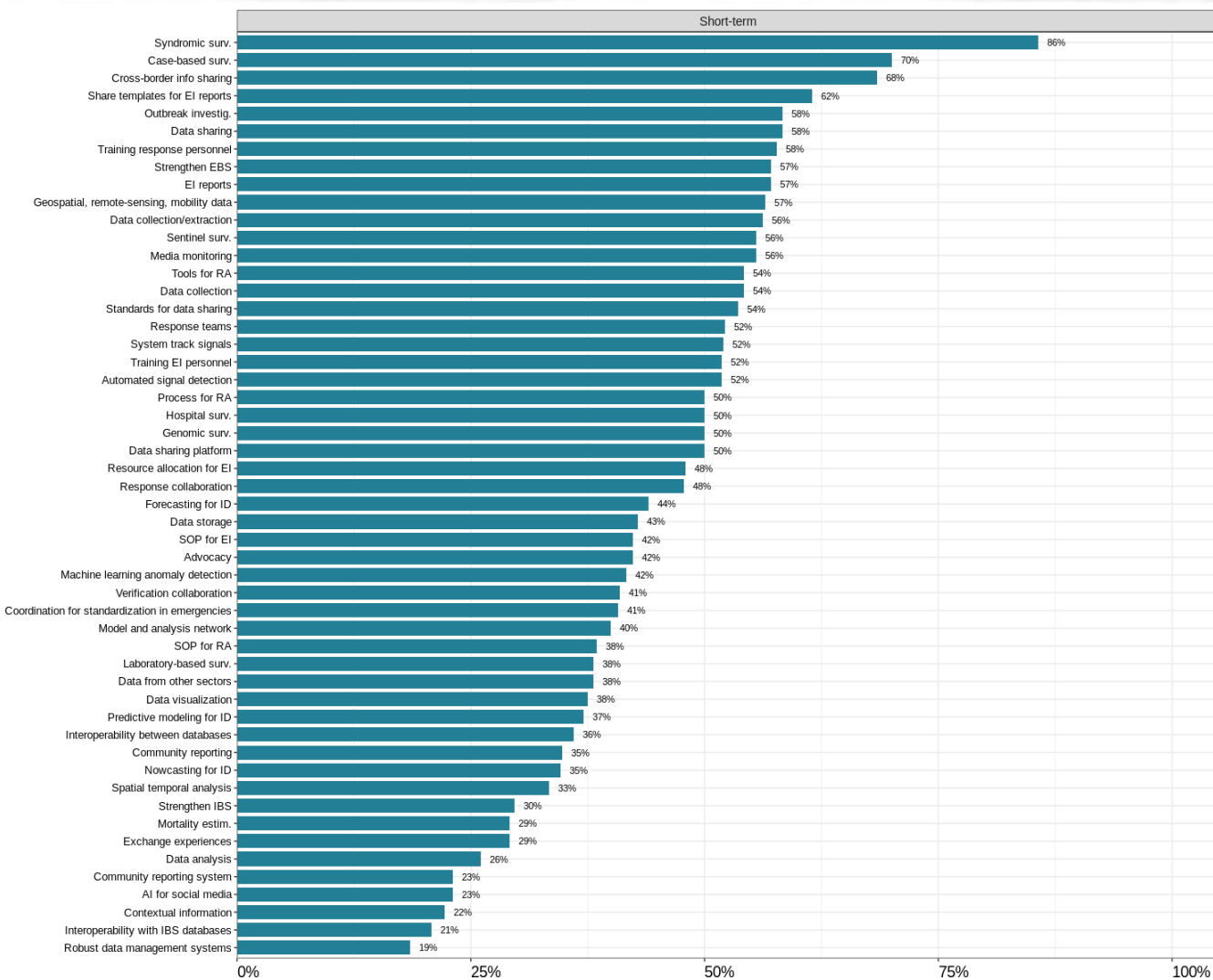


## Non-Traditional type(s) of data sources for infectious disease surveillance





# Regional Meeting on the Use of Epidemic Intelligence for Early Warning and Response: Short-Term Prioritization Results

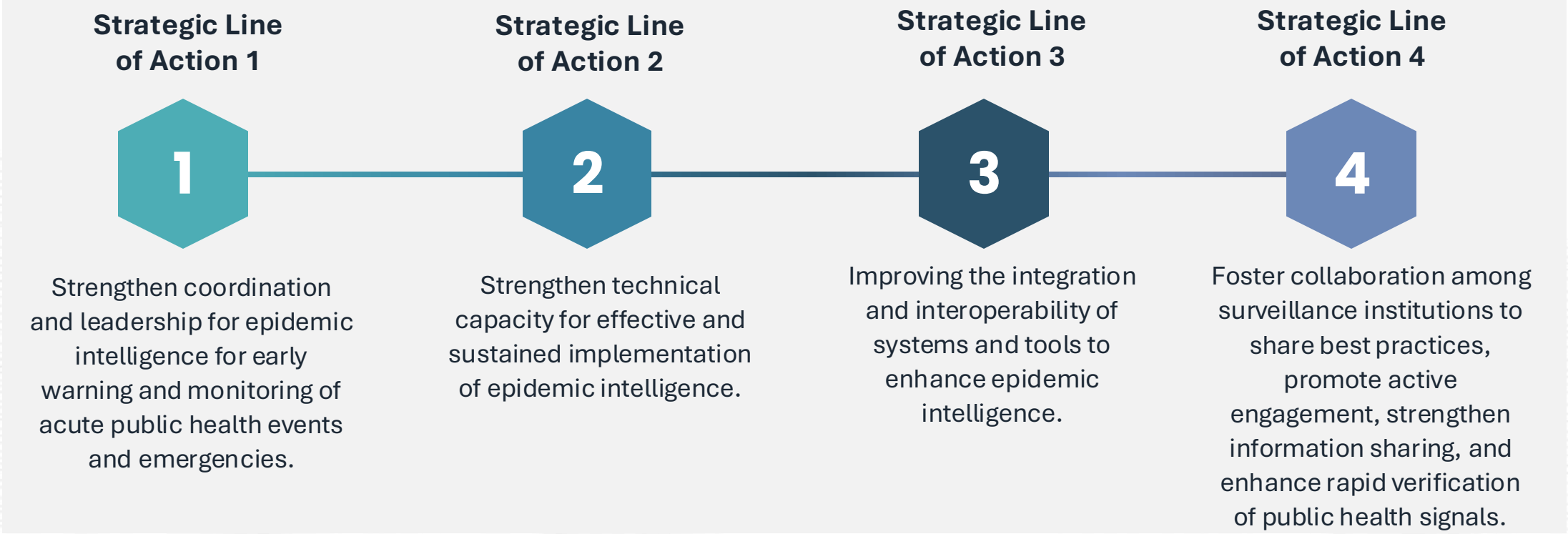


## Top 10 priorities:

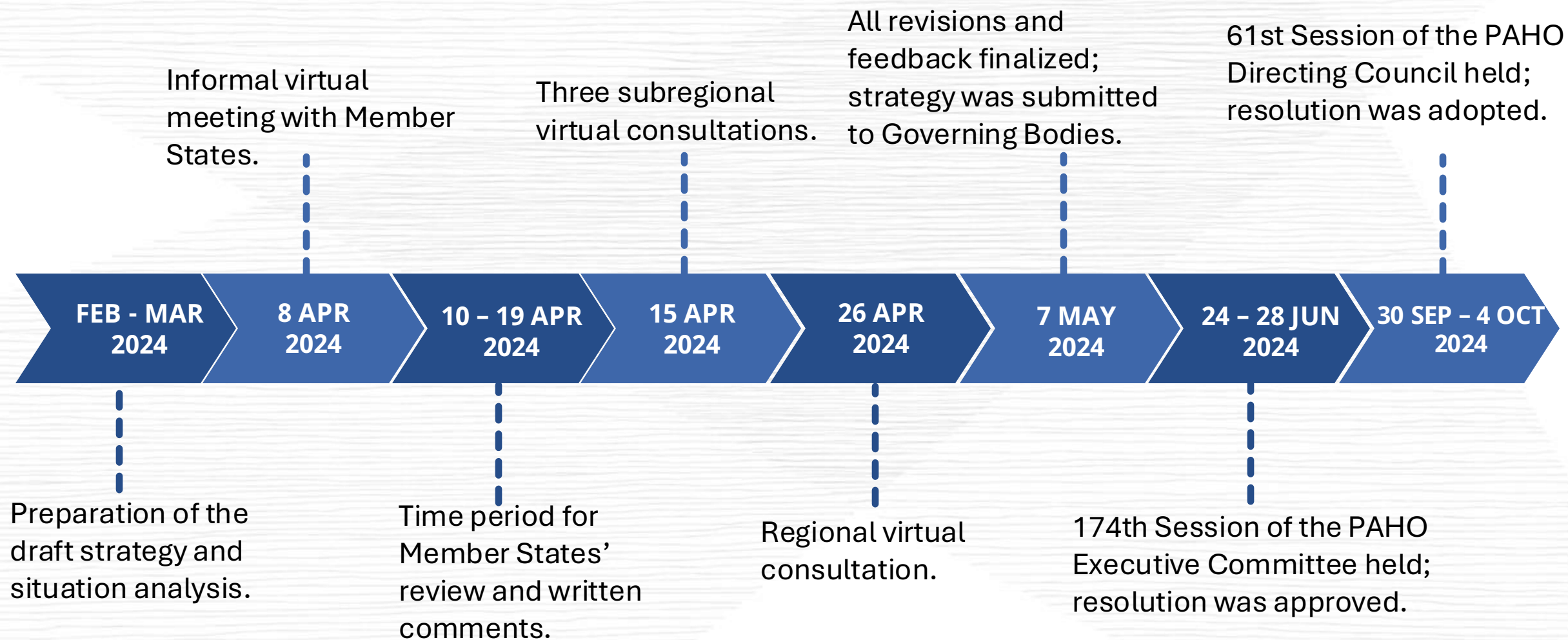
1. Syndromic surveillance (86%)
2. Case-based surveillance (70%)
3. Cross-border info sharing (68%)
4. Share templates for epidemic intelligence reports (62%)
5. Outbreak investigations (58%)
6. Data sharing (58%)
7. Training response personnel (57%)
8. Strengthen EBS (57%)
9. Epidemic intelligence reports (57%)
10. Geospatial, remote-sensing, mobility data (56%)

# Resolution: Strategy on Epidemic Intelligence for Strengthening Early Warning of Health Emergencies 2024-2029

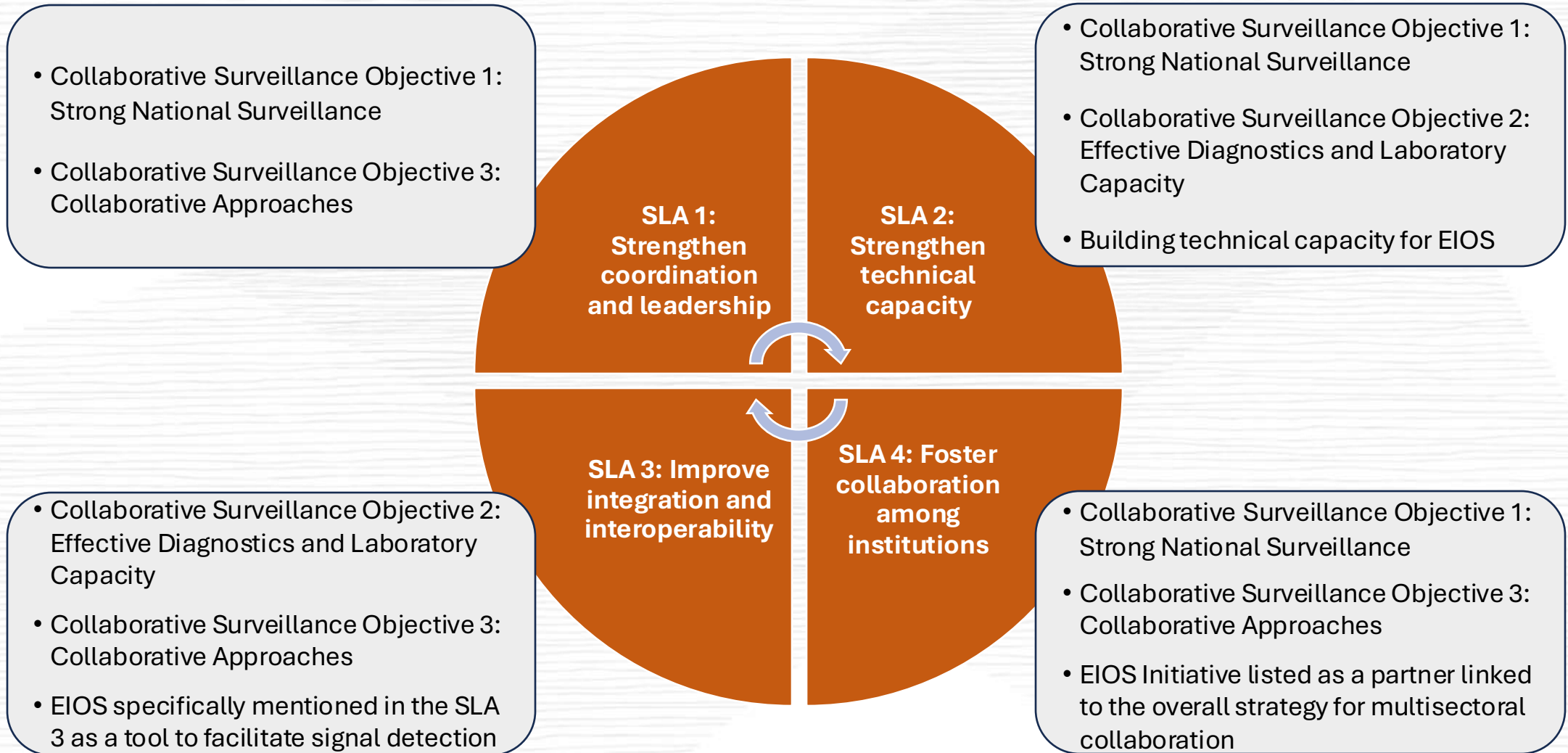
- In February 2024, following the Regional Meeting, Brazil proposed the inclusion of a strategy on epidemic intelligence as an agenda item for the 174<sup>th</sup> Session of the PAHO Executive Committee held in June 2024.
- PAHO/WHO supported the development of the draft Strategy, leveraging the information and priorities identified during the Regional Meeting.



# Strategy Consultation and Approval Process with Member States: Timeline



# How does the Strategy support Collaborative Surveillance and link with the EIOS Initiative?





# Next Steps for Epidemic Intelligence in the Americas

- Complete the consultation process with Member States to finalize the Action Plan.
- Convene for the second Regional Meeting on Epidemic Intelligence in early 2025.
- Epidemic intelligence will be a priority for the PAHO/WHO and the Americas for 2024-2029, and will require:



Leveraging existing initiatives, tools, trainings, and resources through collaborative approaches (e.g., EIOS, Risk Assessment for Member States, Public Health Intelligence Core Competencies, amongst others).



Integrating innovative technologies, artificial intelligence, and software to support Member States.



Establishing best practices, procedures, concepts, definitions, performance indicators, etc.



Developing and strengthening national and regional capacity-building initiatives, including trainings and fostering multilateral collaboration.