

# Update on International One Health Landscape



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**BCCDC One Health and Zoonoses Day  
November 20, 2024**

**Dominique Charron, DVM, PhD.**

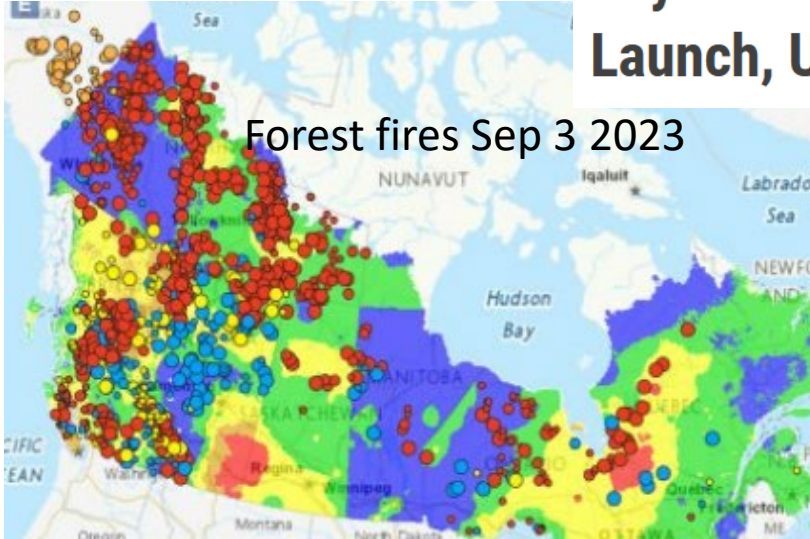
Visiting Scholar, One Health Institute,  
University of Guelph

One Health High-Level Expert Panel

**UNIVERSITY  
of GUELPH**

# Polycrisis

## Humanity Paying Price for Torching Planet, Secretary-General Says at UN Environment Programme Adaptation Gap Report Launch, Urging Action to Address Climate Calamity



10,000 km<sup>2</sup> burned in B.C. in 2024.  
In 2023, more than 28,000 km<sup>2</sup> burned (a record) and forced the evacuations of thousands of people including the Okanagan and Shuswap

PEI

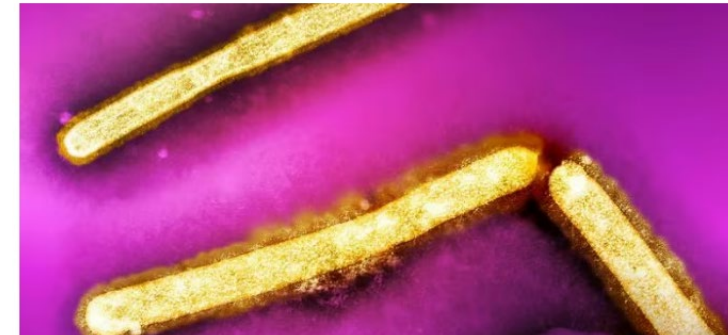
### 550 people report illness after P.E.I. shellfish festival, health officials say



### B.C. teen with avian flu is in critical condition, provincial health officer says

Teenager from Fraser Valley is 1st person to have contracted the H5N1 strain of the virus in Canada

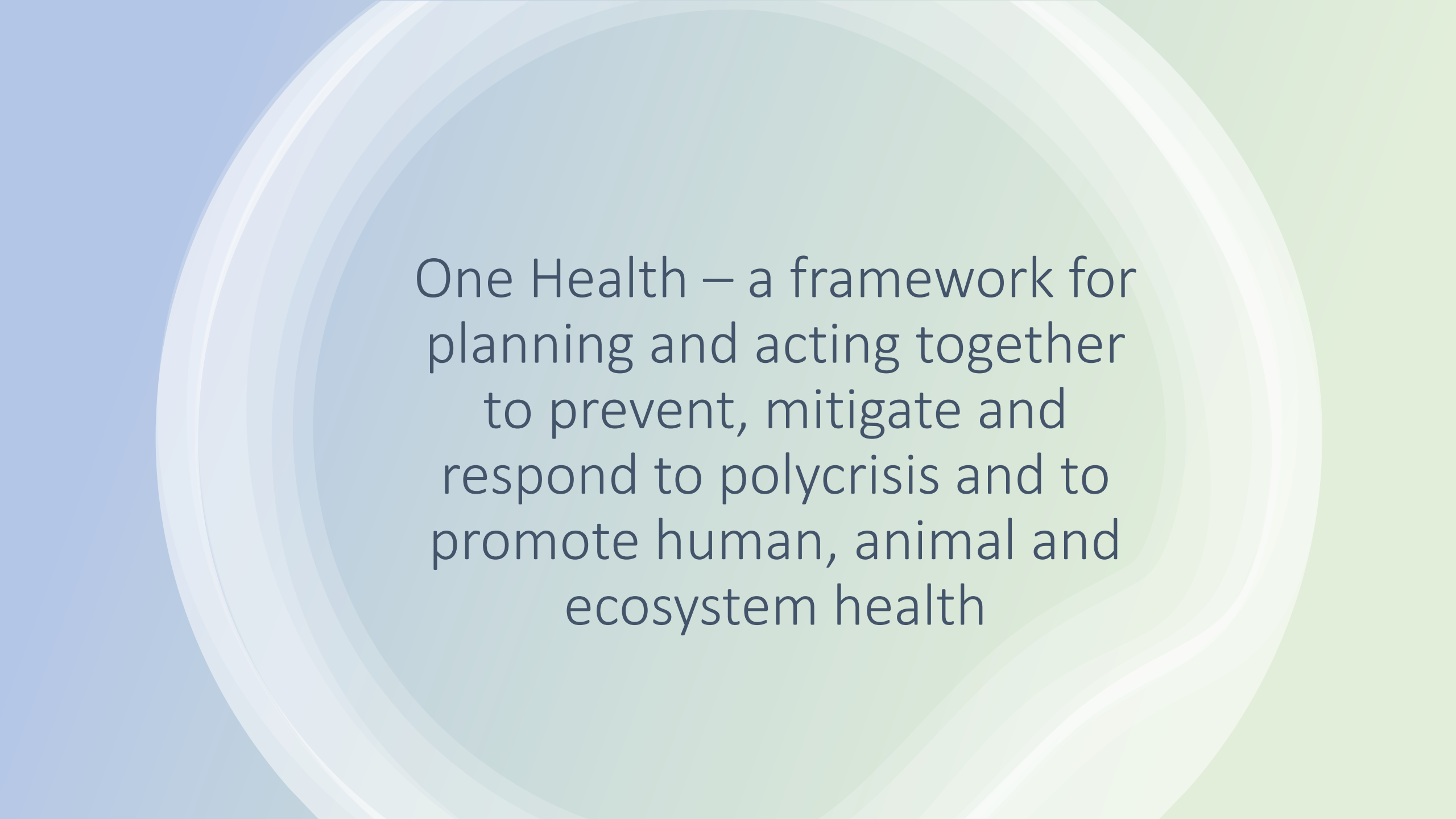
CBC News · Posted: Nov 12, 2024 3:00 PM EST | Last Updated: November 12



### 1st U.S. case of severe mpox strain confirmed in traveller: health officials

By Mike Stobbe · The Associated Press

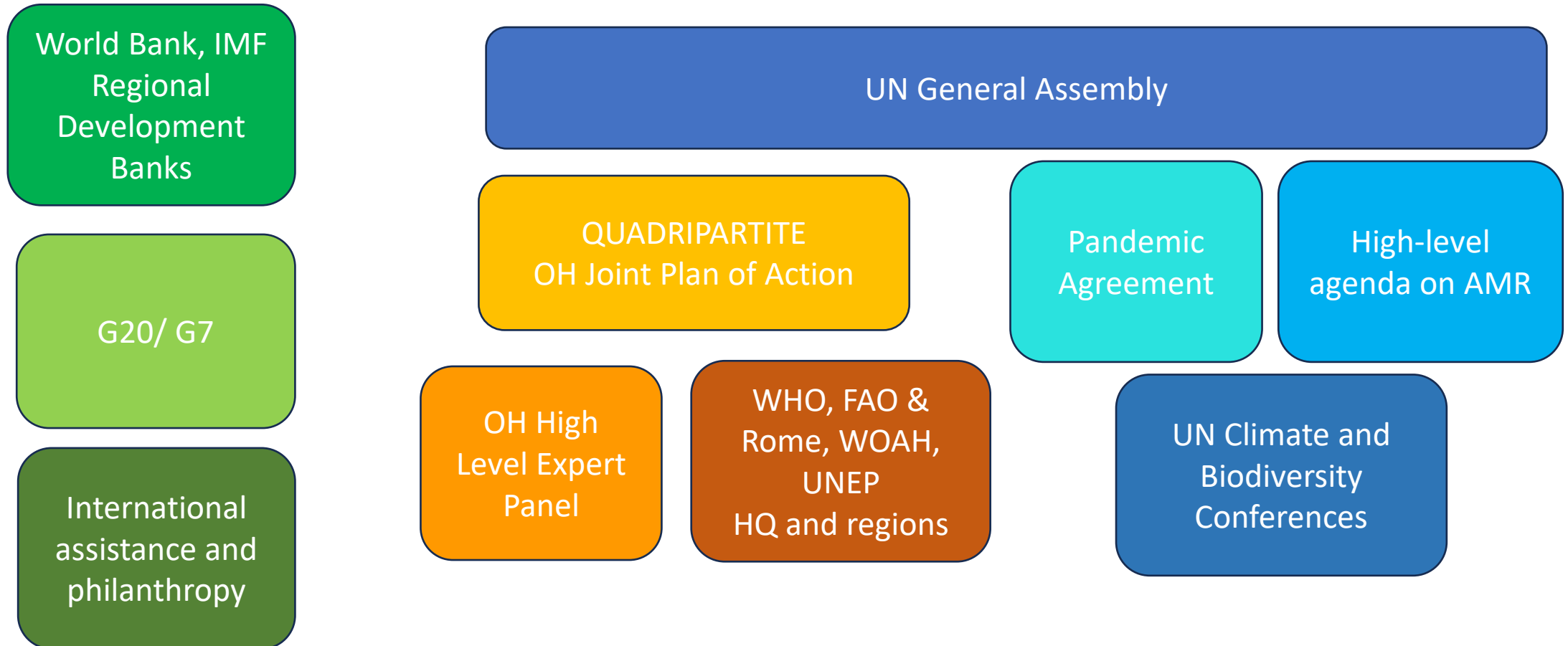
Posted November 18, 2024 7:42 am · 2 min read



One Health – a framework for  
planning and acting together  
to prevent, mitigate and  
respond to polycrisis and to  
promote human, animal and  
ecosystem health

# A Global Moment for One Health

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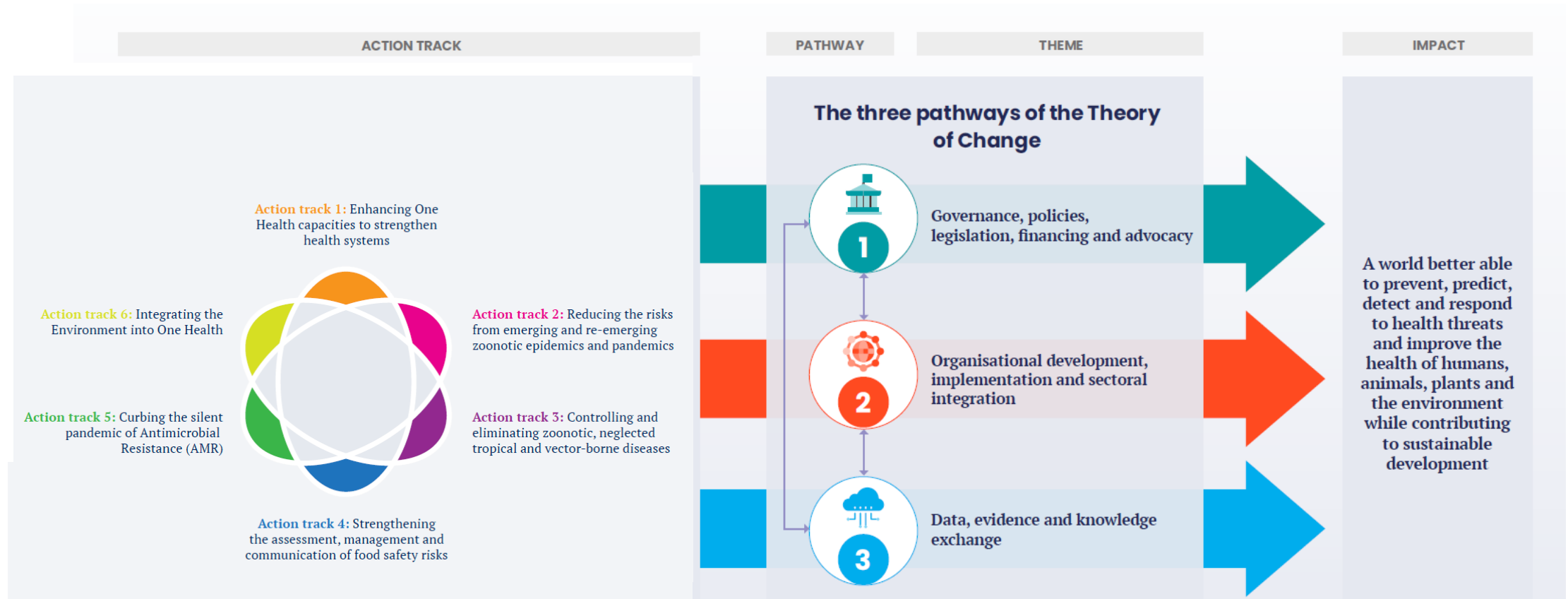


# TOOLS AND RESOURCES (international)

- Quadripartite JPA and Implementation Guide



# OH JPA implementation: Three pathways of change



## Implementation of the One Health Joint Plan of Action (JPA)

**Roll out of One Health JPA implementation** in selected countries using 5 steps outlined in JPA implementation guide.



**1**  
Situation analysis



**2**  
Set-up/strengthening of  
One Health governance  
and coordination



**3**  
Planning for  
implementation



**4**  
Implementation of  
national One Health  
action plans

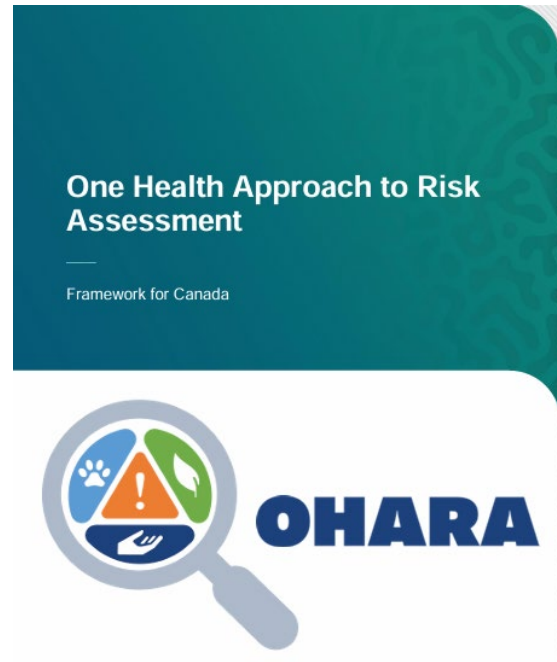


**5**  
Review, sharing and  
incorporation of lessons  
learned

# Canadian National One Health Tools and Frameworks



**Pan-Canadian Action Plan  
on Antimicrobial Resistance**



<p><b>BILL C-293</b></p> <p>An Act respecting pandemic prevention and preparedness</p>
<p><b>AS PASSED</b></p> <p>BY THE HOUSE OF COMMONS</p> <p>JUNE 5, 2024</p>
<p>441147</p>



# Canadian ONE HEALTH Research Networks

One Health Modelling Network for Emerging Infections <https://omni-reunis.ca>

Canadian Arctic One Health Network

One Health Network for Global Governance of Infectious Diseases and AMR

Canada Research Chairs (12); Applied Public Health Chair 2024 (1), Canada Excellence Research Chairs 2023 (Round 3 – 1 +7)

Health Research Training Platform 2024 (CIHR +) x2: AMR and Emerging zoonoses

Avian Influenza One Health Research 2024 (CIHR-CPPHE, CIHR-III, Michael Smith HRF, PHAC)

Collaborative One Health Research Initiative (IDRC 2021), Global Affairs Canada One Health Implementation (2022)

# Things to think about when planning and implementing OH

Gender and inclusion considerations

Indigenous perspectives and knowledge

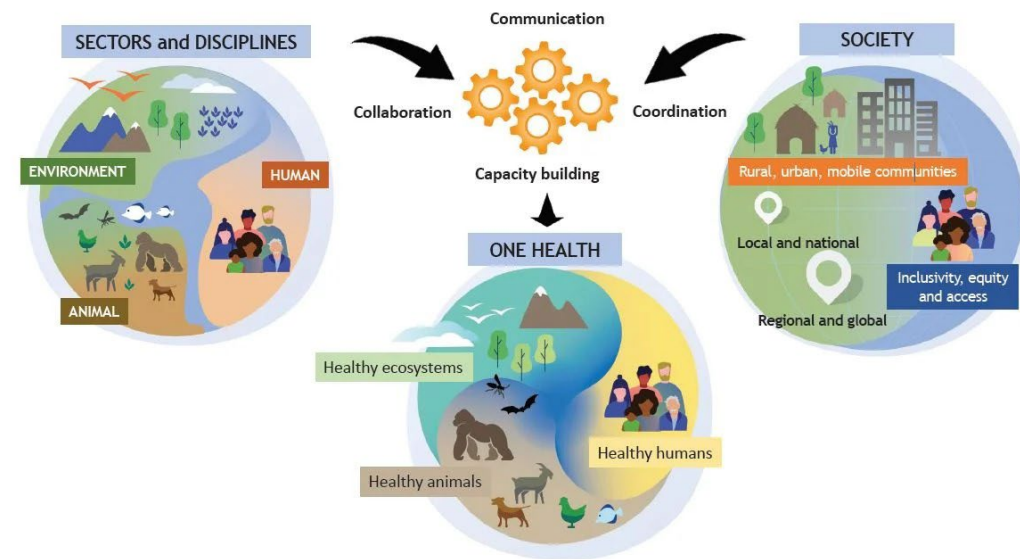
Environmental perspectives, stakeholders

Governance and financing

Telling a better OH story with evidence of impact

# Why now?

- Unique moment for OH globally, Shift from planning to doing
- Policies locking-in commitments –but there are still gaps e.g. gender, indigenous perspectives
- Public health, livelihood, climate, biodiversity emergencies in a fragmented political landscape
- More effective and efficient
- Youth, social movements can help with better OH stories



Thank you! Merci !  
Hay ce.p q'ə !

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