

Update on International One Health Landscape



BCCDC One Health and Zoonoses Day
November 20, 2024

Dominique Charron, DVM, PhD.

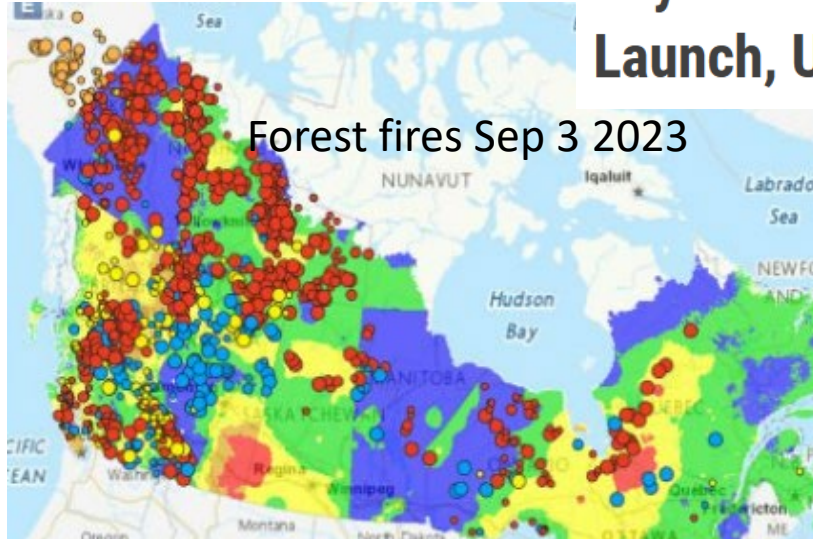
Visiting Scholar, One Health Institute,
University of Guelph

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 km² burned in B.C. in 2024.
In 2023, more than 28,000 km² burned (a record) and forced the evacuations of thousands of people including the Okanagan and Shuswap

PEI

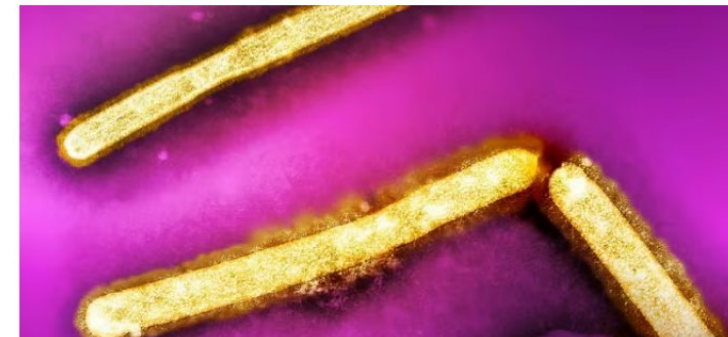
550 people report illness after P.E.I. shellfish festival, health officials say



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

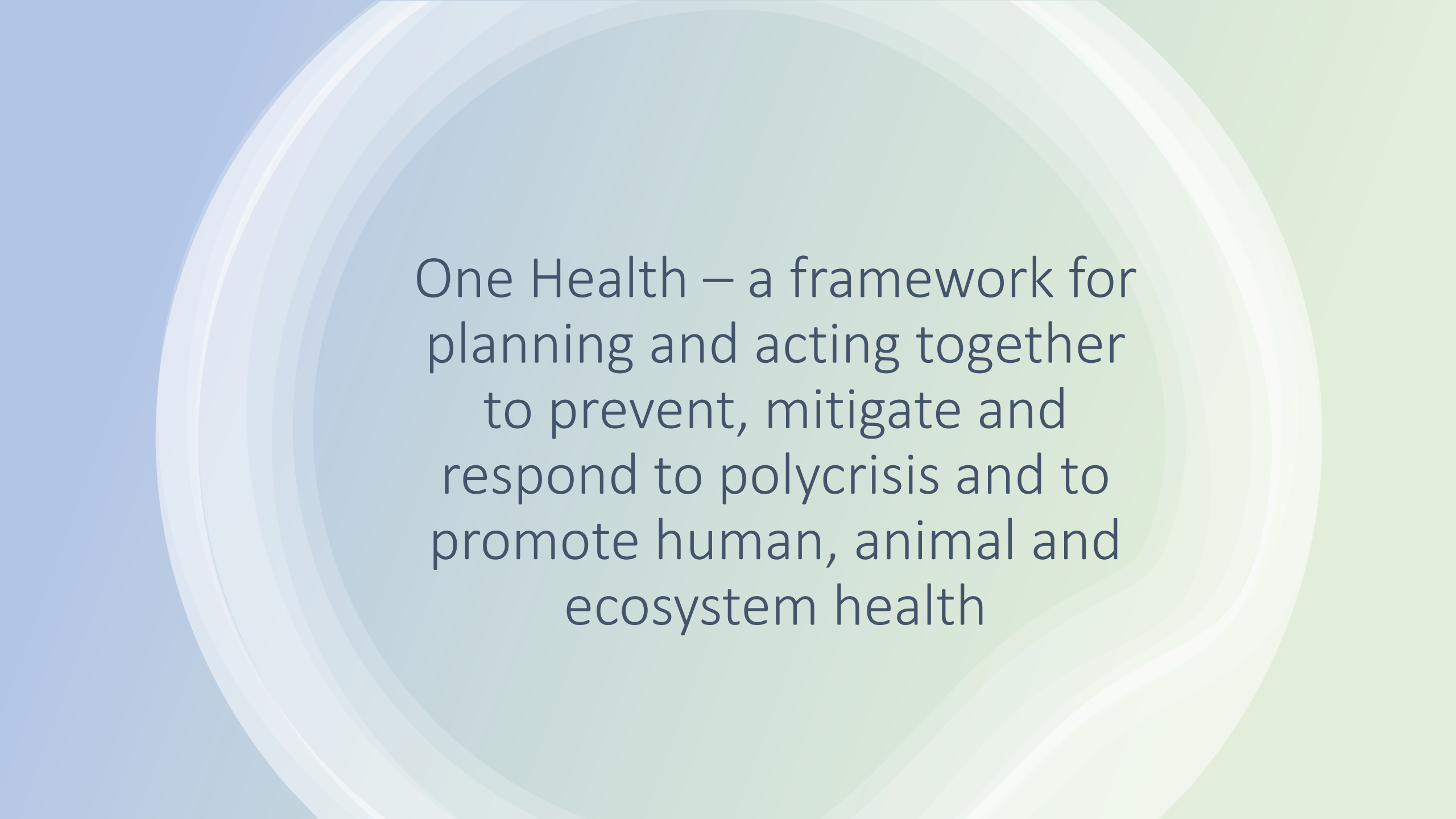
CBC News · Posted: Nov 12, 2024 3:00 PM EST | Last Updated: November 12



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

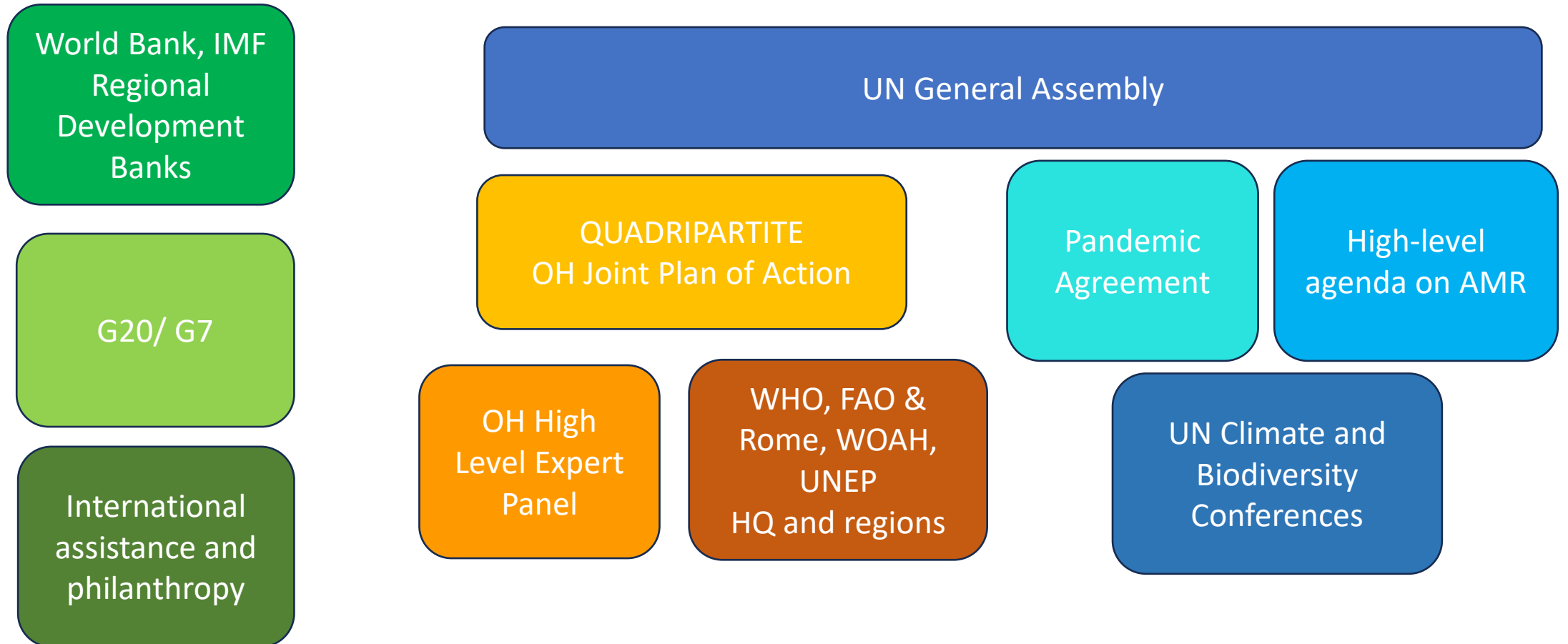
By Mike Stobbe • The Associated Press

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

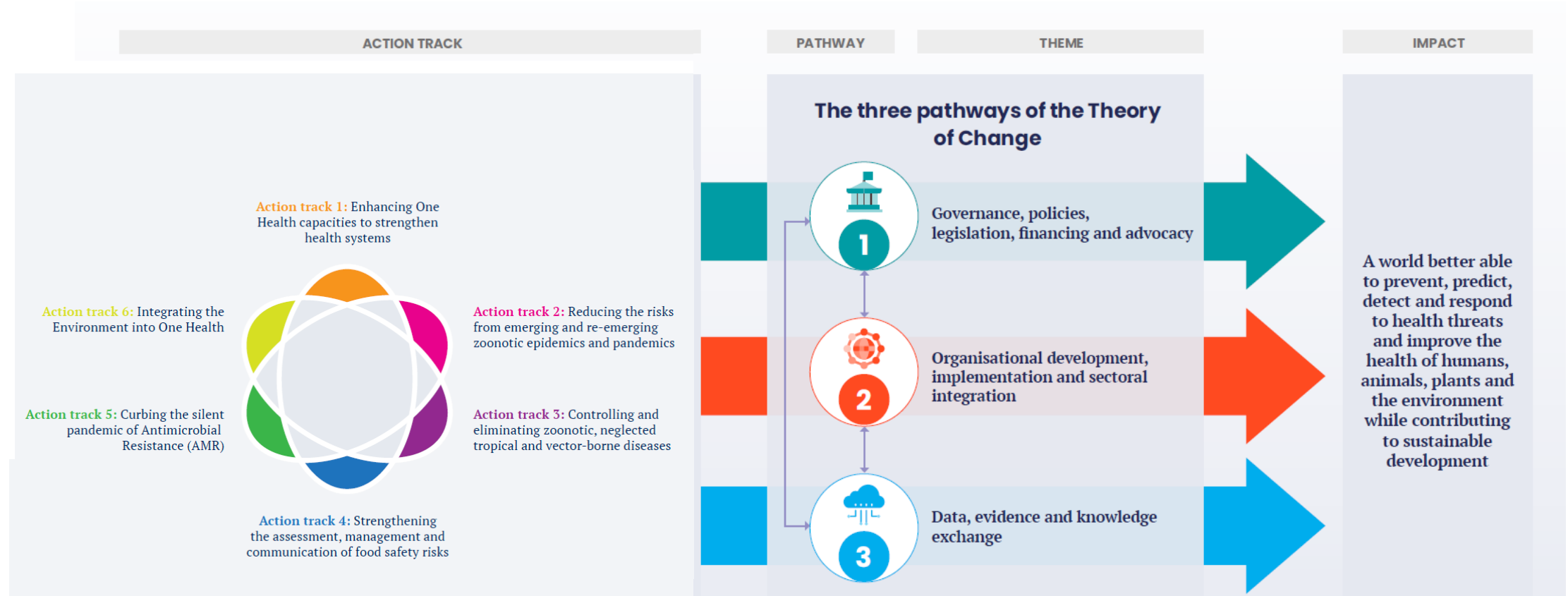


TOOLS AND RESOURCES (international)

- 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.



Situation analysis



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



**Planning for
implementation**

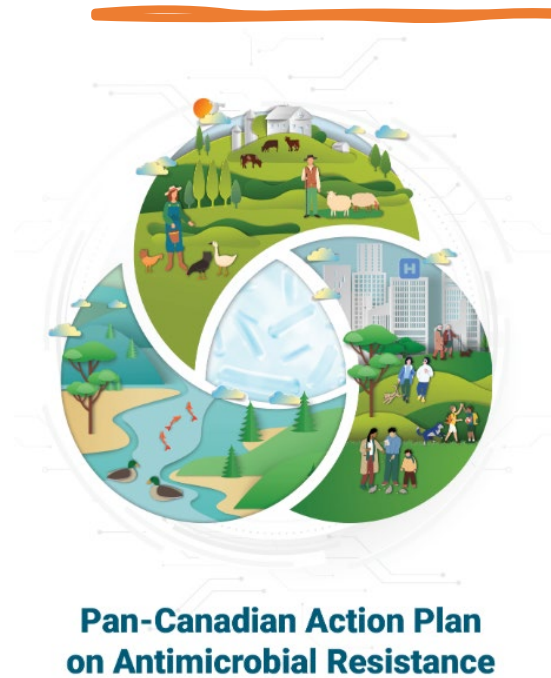


**Implementation of
national One Health
action plans**



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

Canadian National One Health Tools and Frameworks



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

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

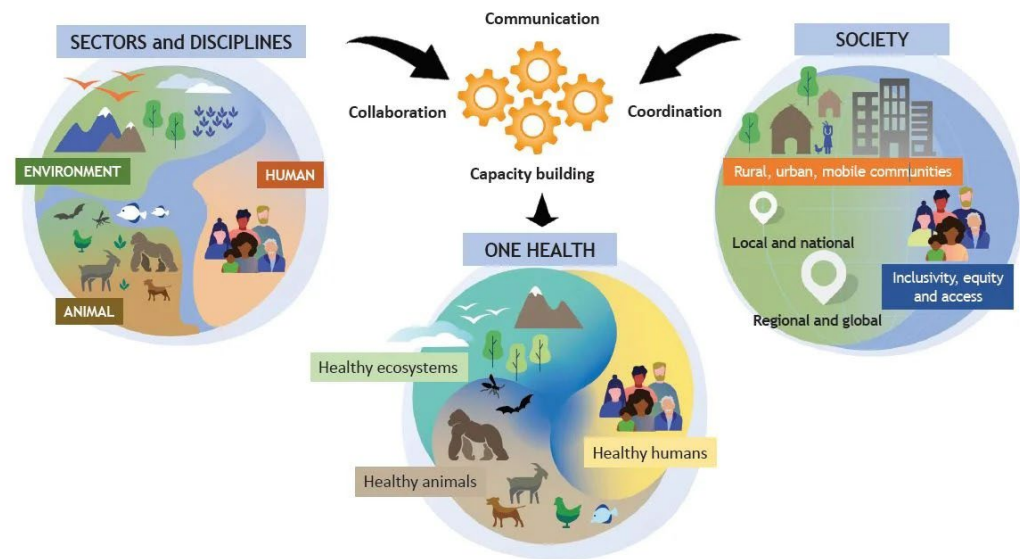
Environmental
perspectives,
stakeholders

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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