

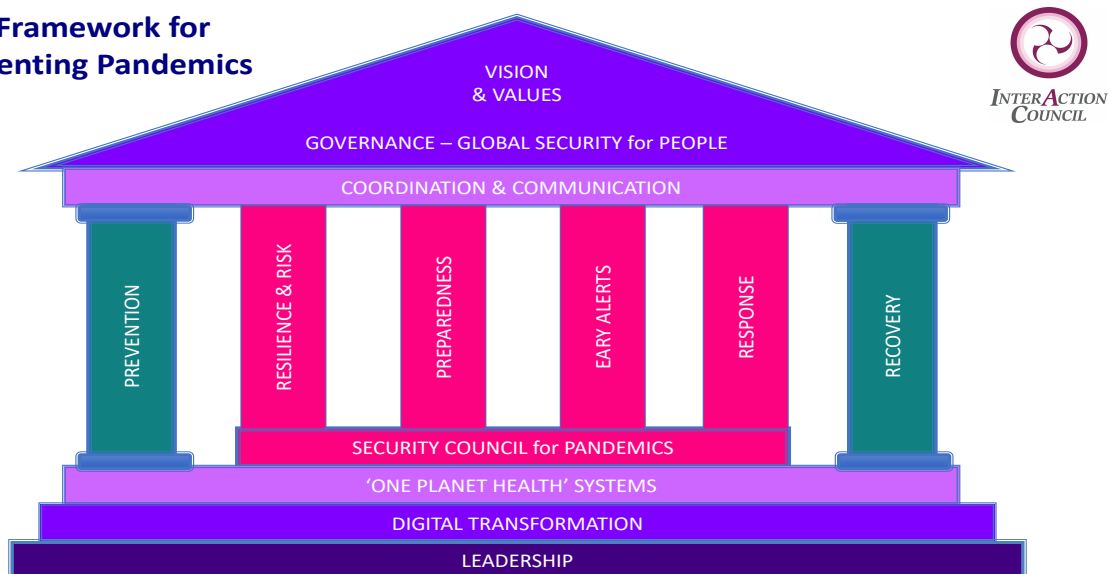
## Plan for People: *Preventing Risks from Existential Threats for Pandemics*

**Context:** This initiative is part of the intergenerational [Existential Security Threats -EXIST Board](#) including [Strategy X-EXIST](#) with a series of high level 'Plans' enabled with digital solutions by the [Global Futures Platform for Planet People and Peace](#) - further partners are welcome to advance collaborative actions and to create tools for different audiences.

### **Key Challenges – Increasing Pandemic Risks combined with less Resilience:**

- **The COVID-19 Pandemic:** cost millions of lives and had a devastating impact on the global economy, for 2020-21 estimated at US\$10 trillion or 4.3% in lost GDP, and has acted to destabilise global security with a shift to populist governments.
- **Existential Threat Potential from Pandemics:** in the past about 90% of the indigenous populations in the Americas died from smallpox, measles and influenza.
- **Pandemics from Nature:** the risk of pandemics is higher than ever before, 70% of new and emerging infections in humans originate from animals, expanding populations, urbanisation, travel and climate change increases our exposure.
- **Pandemic Watch List:** 24 pathogens with pandemic potential or resistance to antimicrobials have been identified; in 2024, 17 outbreaks of dangerous diseases were reported, with Marburg virus, Mpox and *Avian 'flu (H5N1)* of current concern.
- **Engineered and Synthetic Pandemics:** gain of function research has created more lethal variants, including vaccine resistant smallpox; stronger global governance to prevent intentional or non-intentional release of infections is needed for the increasing number of scientists and laboratories able to genetically engineer pathogens.
- **Governance, Coordination and Communication:** despite progress made with the Pandemic Treaty, the weakening of the WHO and our global multi-lateral organisations, along with misinformation and a lack of trust, increases pandemic risks.
- **Public Health Systems and Resilience:** following the COVID Pandemic we saw a reversal in SDG progress, a widening of inequalities, a drop in life expectancy, and an increase in Non-Communicable Diseases - indicating a lack of population resilience for future pandemics, which is worsened by cut backs in our Public Health Systems.

### **A Framework for Preventing Pandemics**



***We Know How to Prevent Pandemics – But We Need to Be Prepared***

## A Plan for PEOPLE – to Prevent Pandemics:

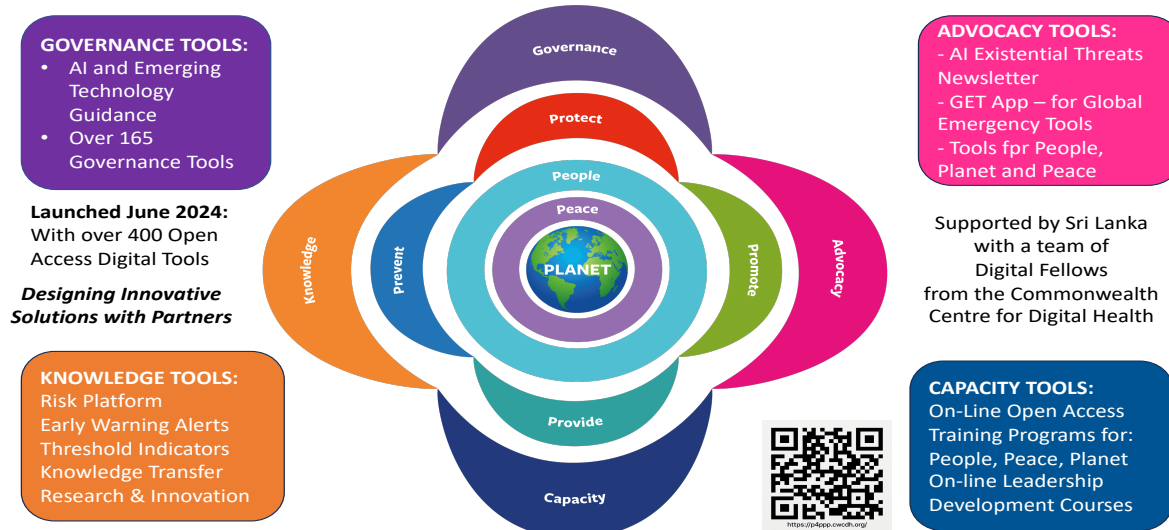
- **Enable Global Governance for Pandemics:** invest in the Pandemic Treaty, and strengthen health diplomacy to transform global health security as a global good;
- **Strengthen Public Health Systems:** prevention, detection, early warning systems, preparedness and response operations with digital solutions
- **Enhance Population Resilience:** with Universal Health Systems to promote resilience and population well-being for All

## A Systems Framework for Healthy People - Essential Public Health Operations

- 1. Governance:** public health legislation; policy; strategy; financing; organisation; quality assurance: transparency, accountability and audit.
- 2. Knowledge:** surveillance, monitoring and evaluation; research and evidence; risk and innovation; dissemination and uptake.
- 3. Protection:** international health regulation (IHR) and co-ordination; communicable disease control; emergency preparedness; environmental health; climate change and sustainability.
- 4. Promotion:** inequalities; environmental determinants; social and economic determinants; resilience; behaviour and health literacy; life course; healthy settings.
- 5. Prevention:** primary prevention: vaccination; secondary prevention: screening; tertiary prevention: rehabilitation, healthcare management and planning.
- 6. People-centred care:** primary healthcare; secondary healthcare; tertiary healthcare; rehabilitation.
- 7. Advocacy:** leadership and ethics; community engagement and empowerment; communications; sustainable development.
- 8. Capacity:** workforce development for public health workers, health workers and wider workforce; workforce planning; numbers, resources and infrastructure; standards, curriculum and accreditation; capabilities, teaching and training.

## A Global Futures Platform – Transforming Health for People, the Planet and Peace

### A Global Futures Platform – for Planet, People and Peace - **P4PPP**



## Recommendations for Preventing Pandemics:

- 1. Global Ethical Principles for Pandemics** - protect health as a Global Good
- 2. Global Governance and Security Council** - to include Pandemic Prevention
- 3. Invest in Pandemic Prevention**– with US \$2 person/year for Pandemic Prevention
- 4. Enable ‘One Planet Health Systems’** – to reduce emerging pandemic risks
- 5. Enhance Emergency Skills**–scale capacity throughout the public health workforce
- 6. Political Leadership for Pandemic Prevention**- including policy makers
- 7. Counter Misinformation and Build Trust** – with accountability and transparency
- 8. Coordinate Collaborative Action**- through Digital Transformation and Platforms