



International One Health Initiative aiming to prevent Zoonotic Disease Emergence

Dr Zeev Noga
PREZODE Secretary General

PREZODE: A COMMON FRAMEWORK TO FOSTER COLLABORATION AND IMPACT

To take up the challenge of preventing pandemics, the **initiative was launched in January 2021 during the One Planet Summit**, with the support of the European Commission and the Quadripartite (FAO, WHO, WOA, and UNEP).



242 MEMBERS TODAY

26 member countries



2 overseas territories



+200 organisations (list non-exhaustive)



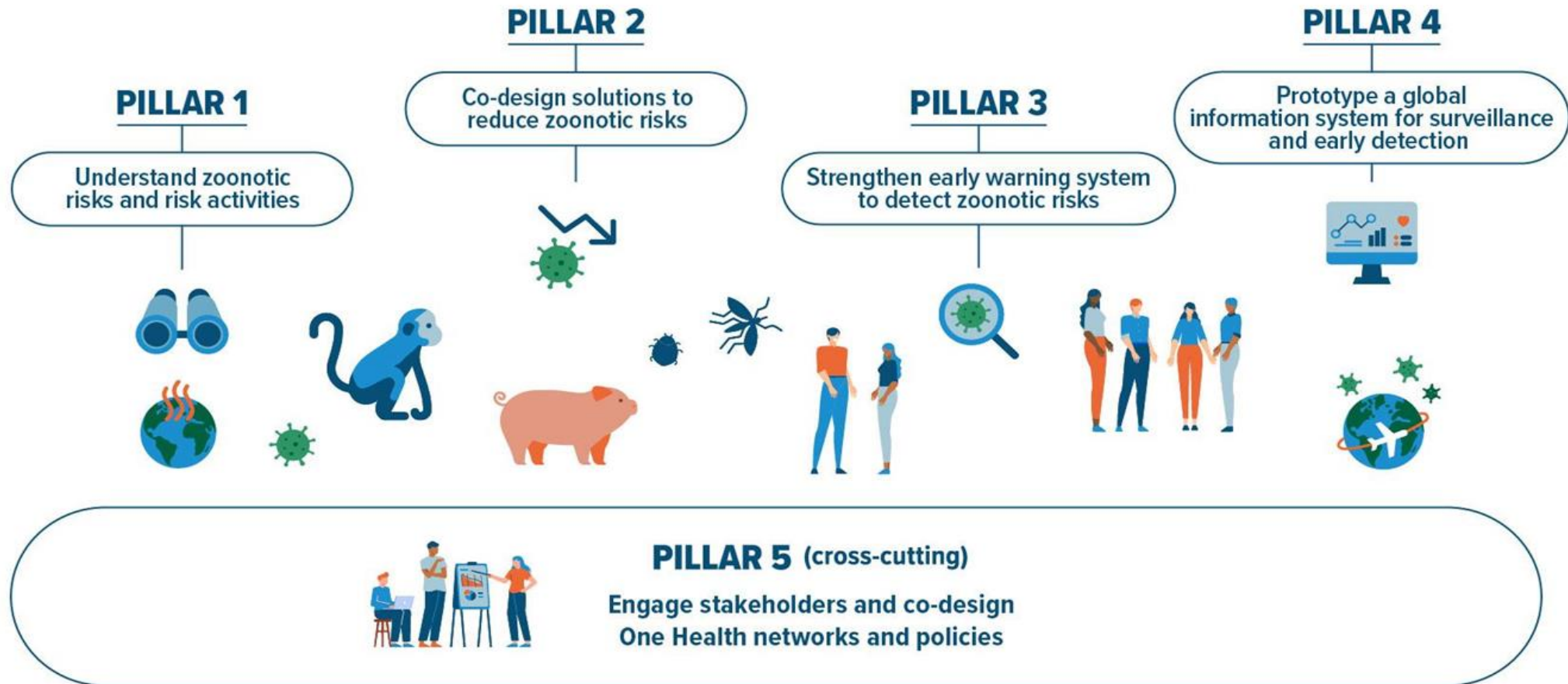
PREZODE AMBITIONS

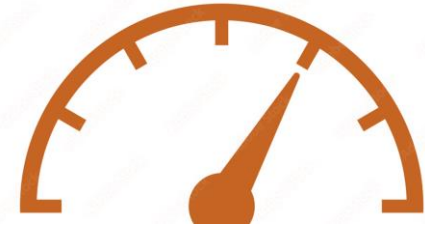
To develop a **research framework** to understand the macro processes and drivers leading to zoonosis emergence in the context of global changes.

This implies an international and multisectoral collaboration to study the **ecology and evolutionary history of pathogens and hosts** and the **socio-environmental mechanisms** that bring humans and animals together.

To promote **co-design strategies** for reducing risks with and for the local communities and actors.

A SCIENTIFIC APPROACH BASED ON FIVE PILLARS





Working Group

Quantitative indicators for risk of zoonotic disease emergence

Chairs: Maria Van Kerkhove and Benjamin Roche

Secretariat: Sophie Von Dobschuetz, Diana Rojas Alvarez, Alice Simniceanu, Manon Lounnas

Working-Group Members: Tuomas Aivelo, Kofi Amponsah-Mensah, Rico Ancog, John M. Drake, Ikhlass El Berbri, Julia E. Fa, Elisabeth Fichet-Calvet, Erik Karlsson, Justin Masumu Mulumbu, Diego Montecino-Latorre, Nazmun Nahar, Chinwe Lucia Ochu, Sarah H. Olson, Suzannah Rihn, Juan Vesga, Supaporn Wacharapluesadee

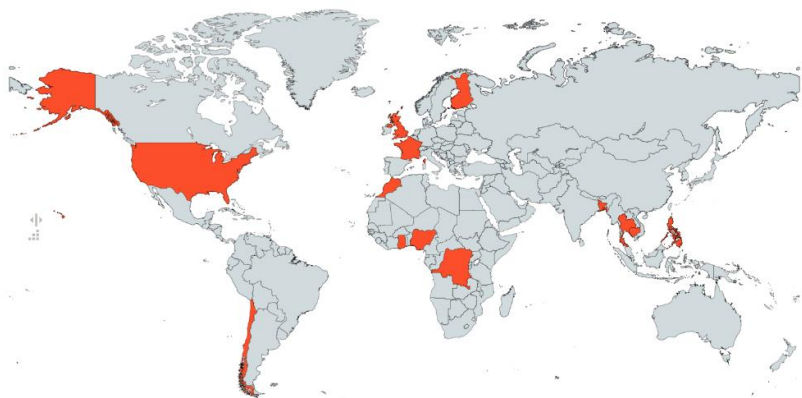
WHO/PREZODE WG Goal



Developing a standardized indicators
to assess the likelihood of zoonotic
disease emergence, focusing on human
exposure to zoonotic pathogens and
human-animal contact.



**To improve global prevention and
preparedness against future pandemics
and strengthen prevention strategies
through indicators.**



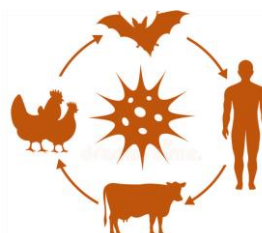
Nationalities:

- o WPR: Cambodia, Philippines
- o SEAR: Bangladesh, Thailand
- o EUR: France, Finland, United Kingdom (2)
- o AMR: Chile, United States of America
- o AFR: DRC, Ghana, Nigeria
- o EMR: Morocco



Expertise in the group:

- o Mathematical modelling and population dynamics
- o Ecology and evolution; primates, rats
- o Molecular determinants of disease emergence
- o Environmental impact
- o Social science/PH
- o Wildlife conservation
- o Rodents/Lassa and parasitic diseases
- o Rabies
- o Wildlife surveillance
- o Ecology, wildlife, veterinary /epi/zoonosis



Group consists of 8 women and 7 men.

On the agenda today

Maria Van Kerkhove – Opening and closing remarks

Benjamin Roche - Presentation of the WHO/PREZODE
WG work methodology and the indicators



Moderator: Alice Simniceanu, Epidemiologist, Emerging Diseases and Zoonoses, WHO

Wanda Markotter, Director, Centre for Viral Zoonoses, DSI-NRF South African Research Chair in Infectious Diseases of Animals (Zoonoses), University of Pretoria

Chinwe Lucia Ochu, Director, Nigeria Centre for Disease Control and Prevention, and DrPH Student, George Washington University, U.S.A

Supaporn Wacharapluesadee, Senior Researcher, Thai Red Cross Emerging Infectious Diseases Clinical Center, King Chulalongkorn Memorial Hospital and Chulalongkorn University, Thailand

