



Current status of the PREZODE initiative

PREZODE Interim Secretariat

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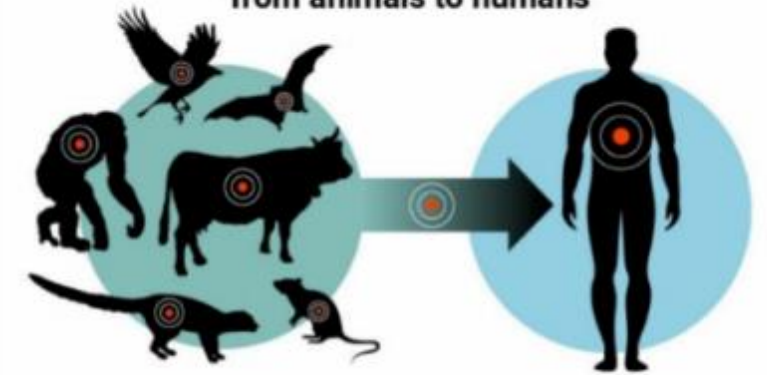
PREZODE in a nutshell

Emerging infectious diseases: A worldwide threat



What are zoonoses and how prevalent are they?

Zoonoses are diseases transmitted from animals to humans



They comprise: **60%** of all infectious diseases in humans **75%** of all emerging infectious diseases

Source: UNEP Frontiers 2016 Report

#COVID19

Infectious zoonotic disease emergence with transmission from animal to people

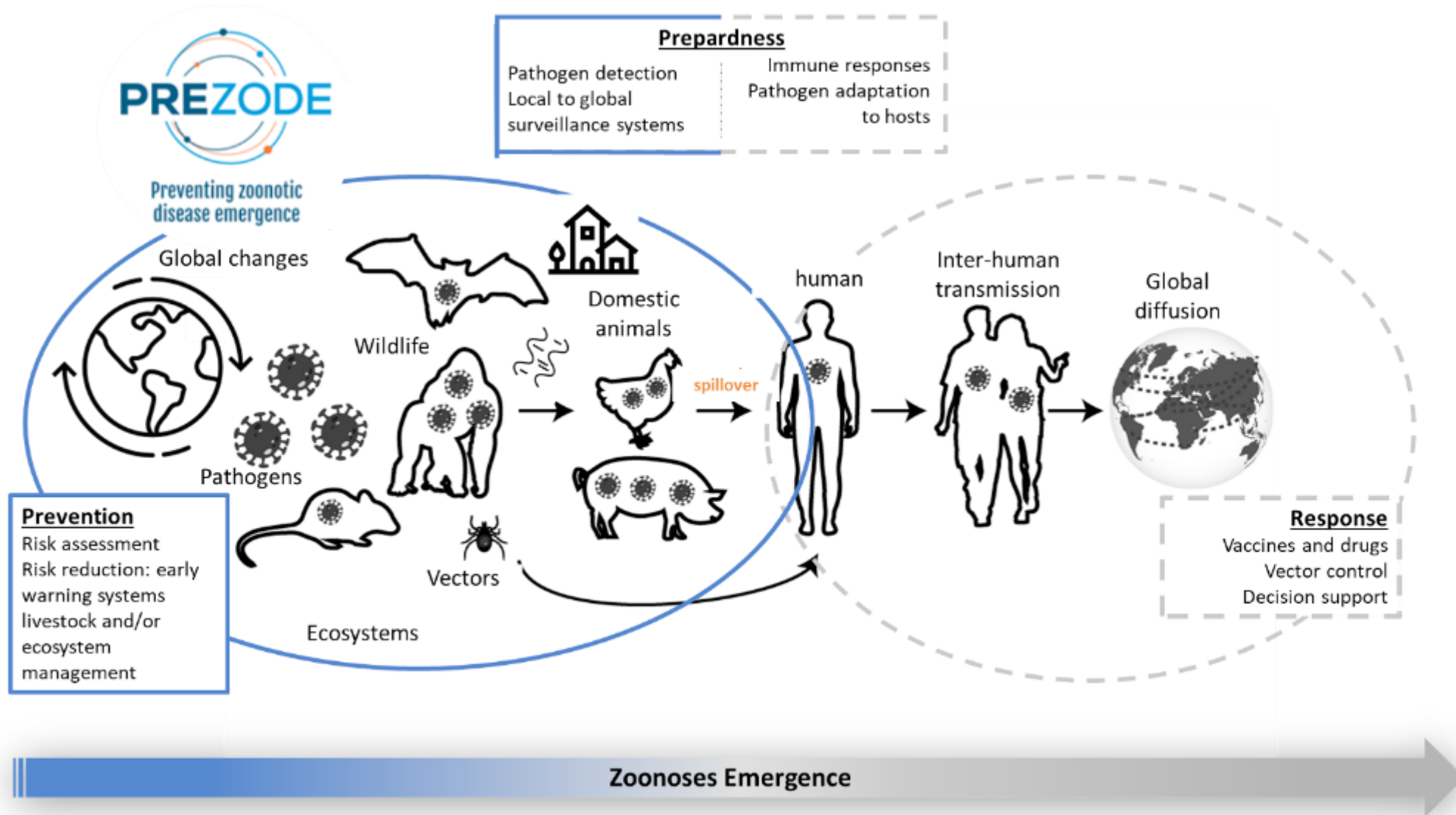
<https://eidr.ecohealthalliance.org/event-map>

Ambition

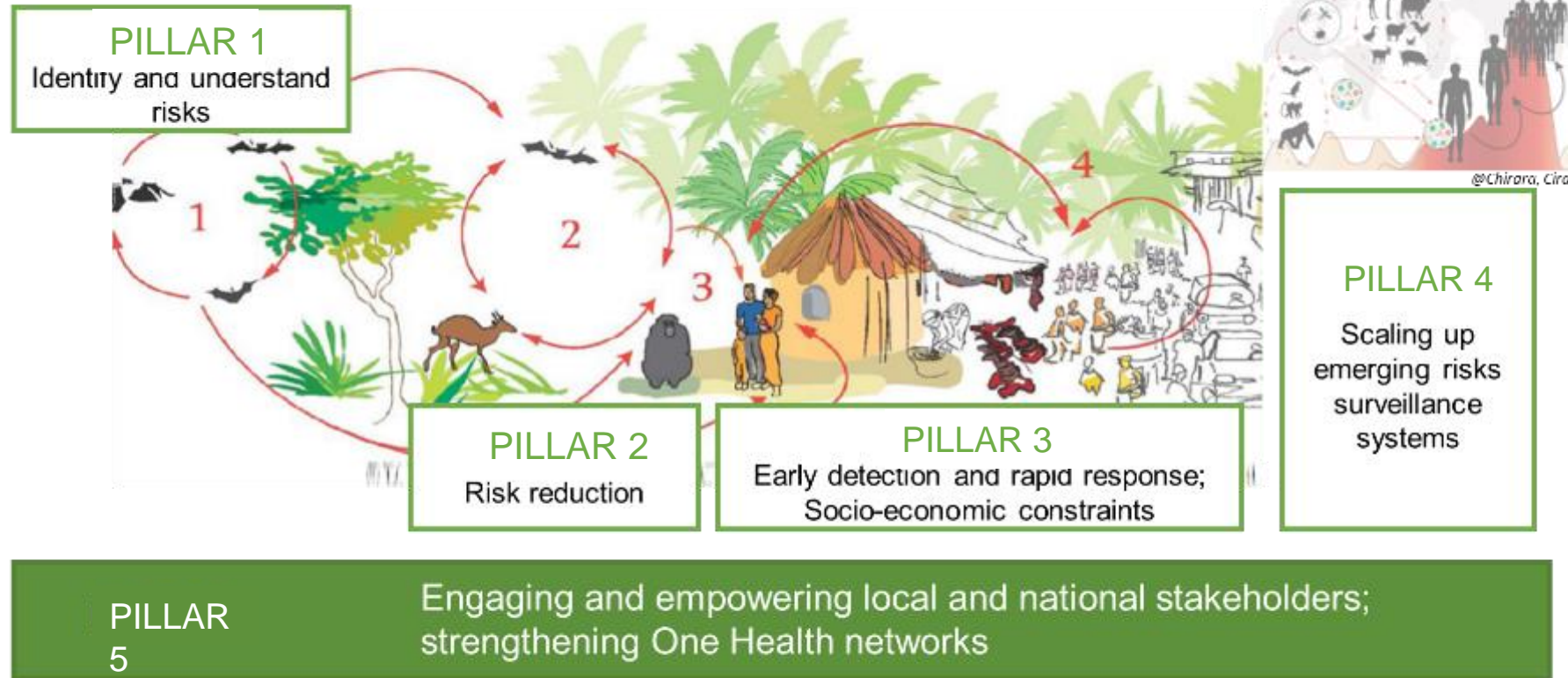
Working with countries and with other initiatives for avoiding animal born pandemics, while ensuring food security and livelihoods for the poorest communities



The need for a change in paradigm: towards PREVENTION and BOTTOM-UP approaches



Vision and objective



IDENTIFY AND UNDERSTAND RISKS to
CO-DEVELOP SOLUTIONS TO REDUCE THEM



STRENGTHENING EARLY WARNING
SYSTEMS, OPERATIONAL
FROM LOCAL TO GLOBAL

AIMS

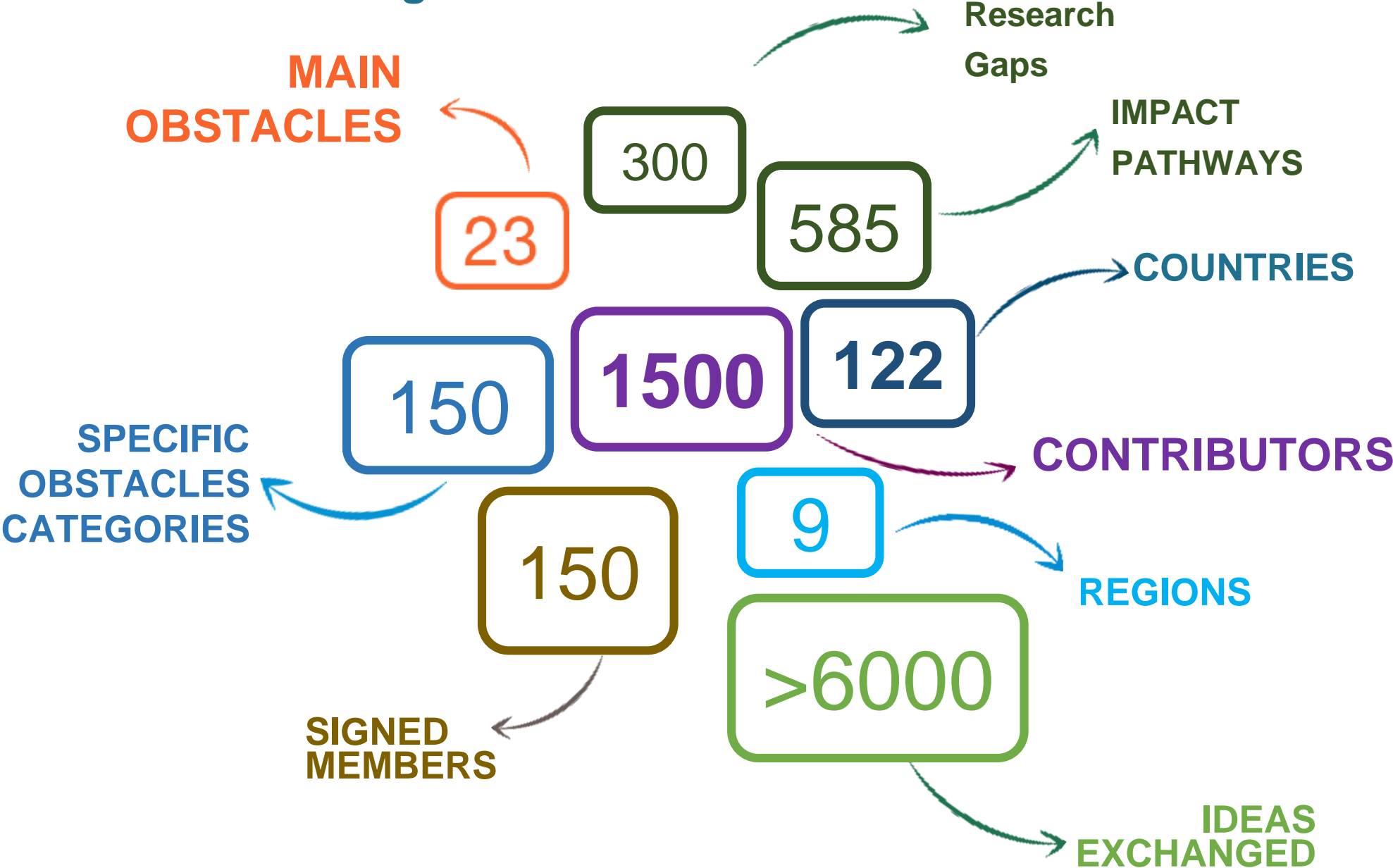
**A reference
FRAMEWORK
for preventing
emerging risks**

**A collaborative
PLATFORM
for sharing knowledge
and synergise activities
(past, present, future)**

**A SUPPORT
MECHANISM
for research and/or
development
PROGRAMS, PROJECTS**

**An International
COLLABORATION
to facilitate decision
making and enable
relevant public policies**

PREZODE in a few figures



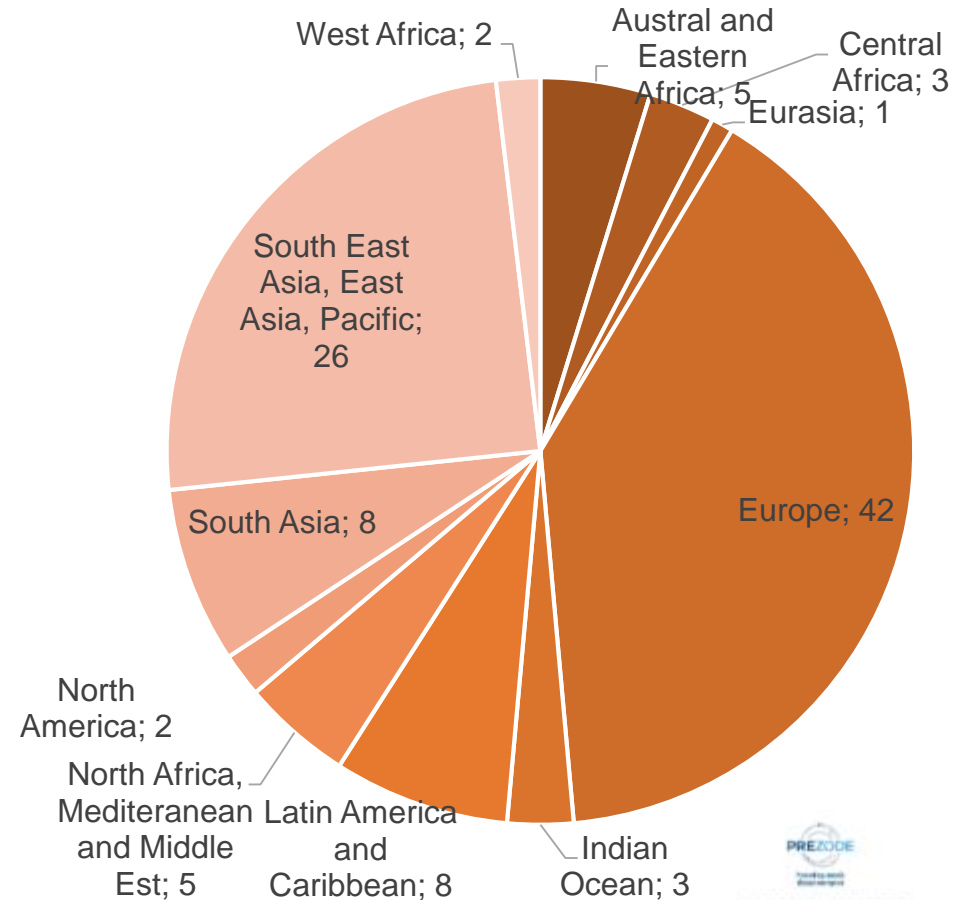


Where are we now?

PREZODE: a science led initiative with a strong political support



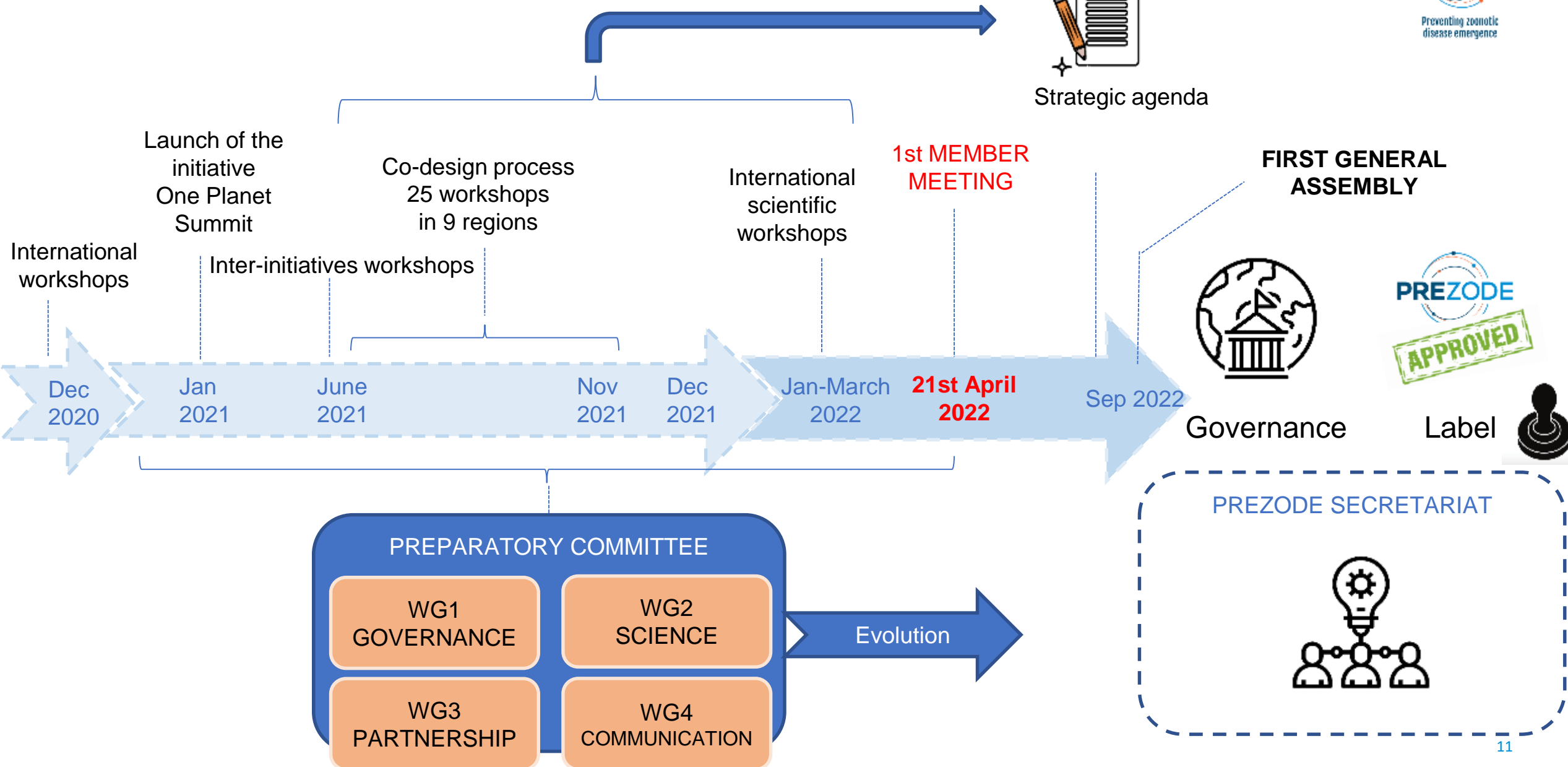
- **Launched at the One Planet Summit (Jan 21)**
- **Supported by international organisations composing the Quadripartite**
- **Signatory Members so far:**
 - **130 institutions from more than 50 countries**
 - **23 International or Regional institutions & NGOs**
 - **10 countries**
- **Core Fundings:**
 - **30 millions € research (France)**
 - **30 millions € R&D (AFD)**



What have we done so far?



Strategic agenda



Way Forward

PREZODE: a common framework to foster collaboration and impact

- By building collaborations with other partners
- By securing the required level of funding
- By building up joint programs

In 2022:

- Setting up the governance for the initiative
- Meeting of the Partners
- Adopting a Strategic Agenda co-elaborated with the partners
- Launching the first operational programs



Outputs of the co-design process

PREZODE's co-design process

3 phases in 8 world regions (out of 11) over 6 months



- COMMON VISION to tackle zoonotic risks
- OBSTACLES

1

June 2021



- NEED FOR CHANGES
- ACTORS INVOLVED

2

September 2021



- HOW TO PROMOTE CHANGES ?
- WHICH ACTIVITIES ?

3

November 2021



PREZODE contributors to the co-design process in 9 regions of the world

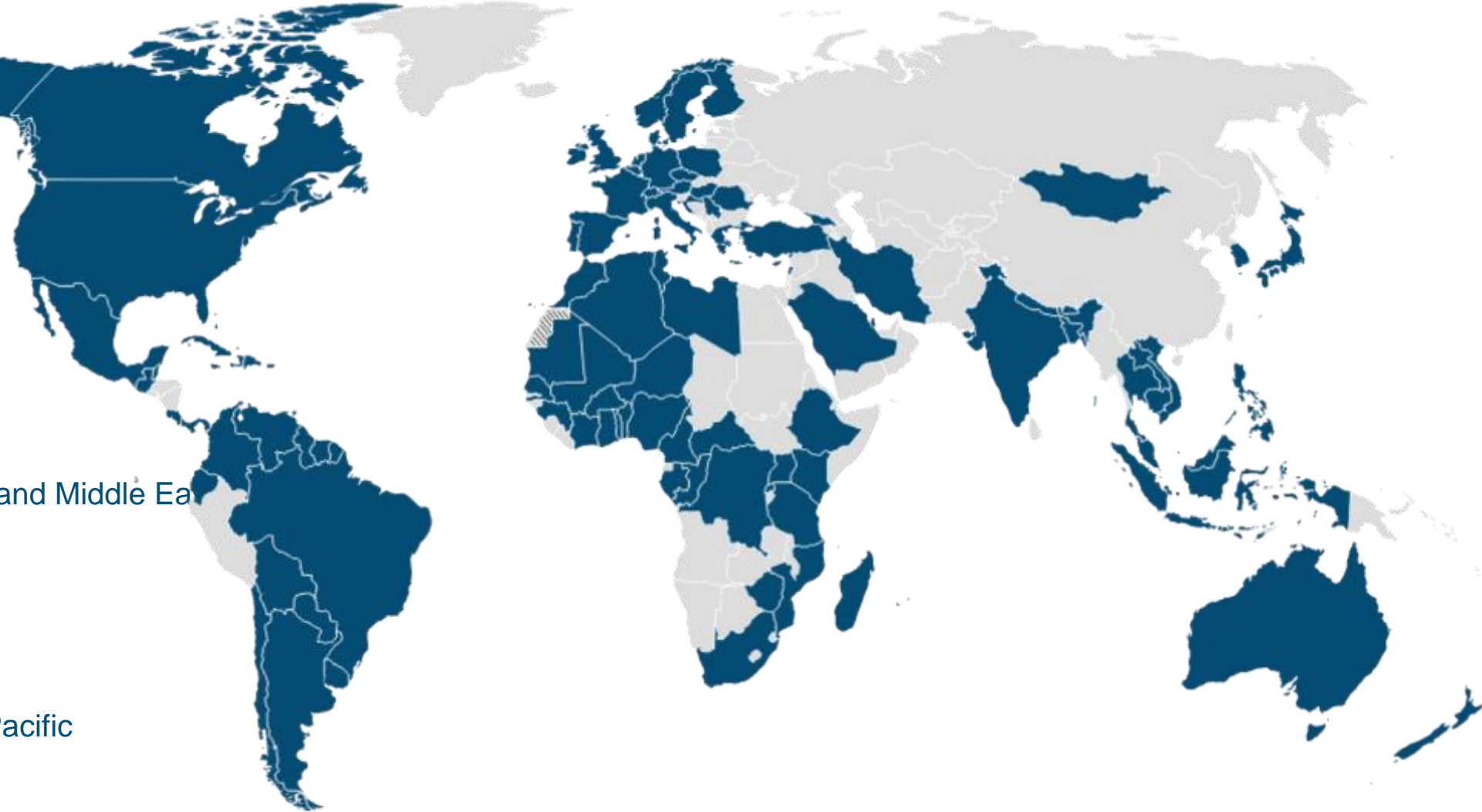
1500

Total number of contributors

122

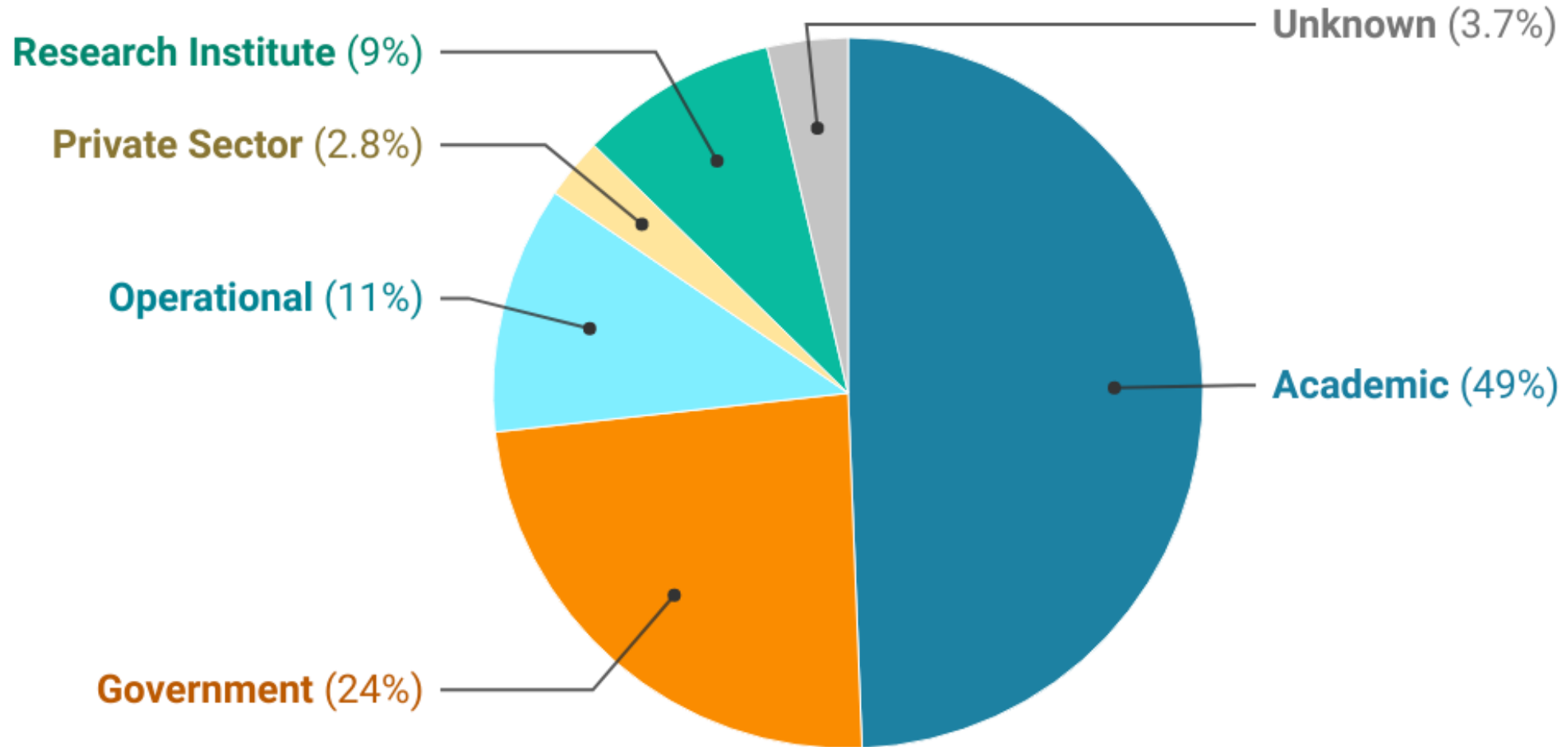
Total number of countries

- North Africa, Mediterranean, and Middle East
- West Africa
- Central Africa
- Austral and Eastern Africa
- Indian Ocean
- South East Asia, East Asia, Pacific
- Latin America and Caribbean
- Europe
- USA/Canada



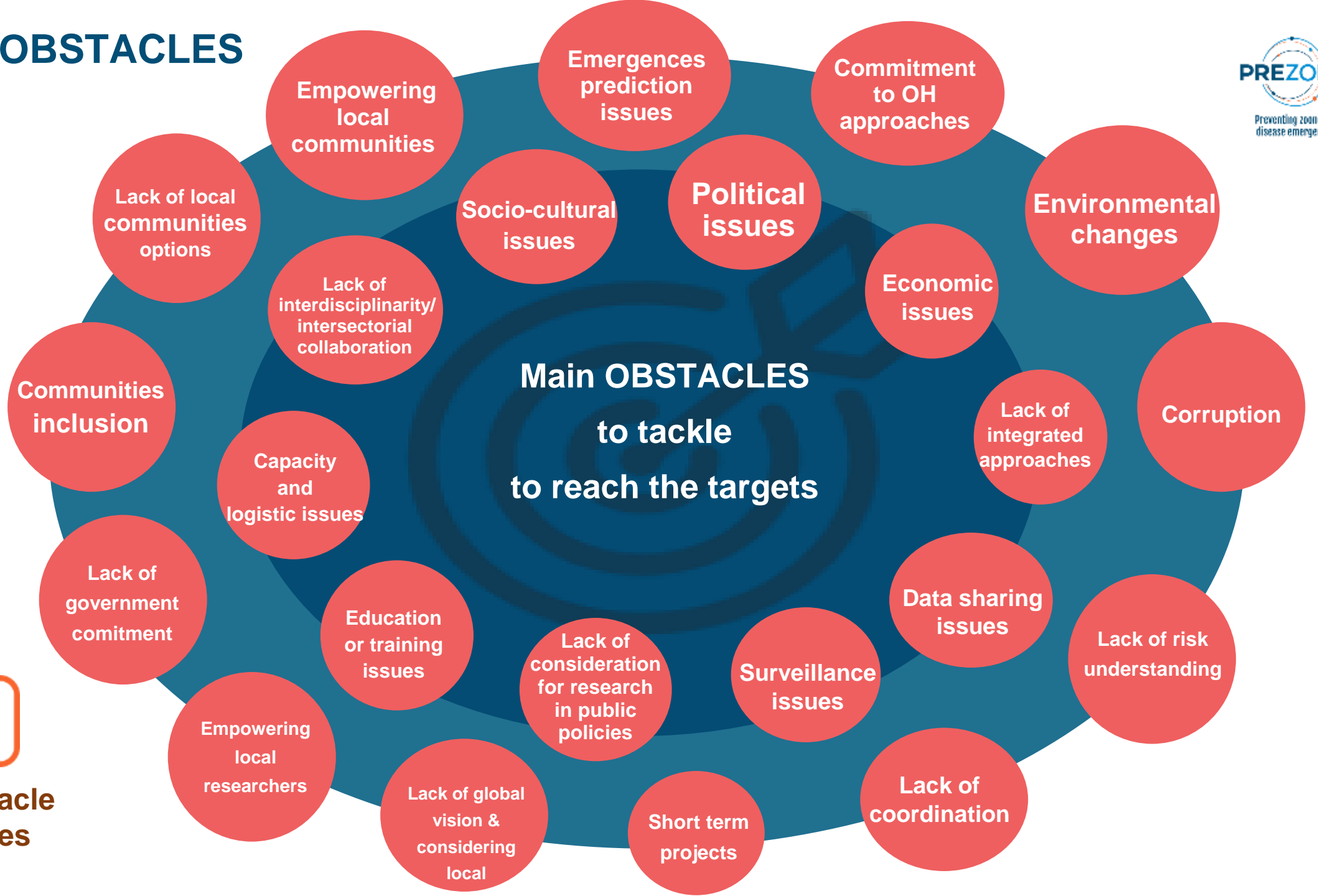
*contributors : registered and/or connected to the workshops series

PREZODE – contributors representation in terms of sectors



*contributors : registered and/or connected to the workshops series

MAIN OBSTACLES



23

Main obstacle categories

Targets for all regions combined



In 30 years time PREZODE would have contributed to reduce the risk of zoonotic disease emergence by...

Building up sustainable zoonotic risks prevention frameworks

with a better understanding and management of risks



Empowering local communities / national stakeholders

in the reduction and early detection of emerging risks



Building up resilient socio-ecosystems while reducing pressure on biodiversity and environmental health

to contain zoonotic risks and ensure food security from wildlife and domestic animal production



Ensuring ethical practices considering inequities and development needs of the countries and sharing of results and recommendations



Improving early detection & surveillance networks – from local to global



Strengthening collaborations and trust between sectors/levels/type of partners – from local to global



Science-policy interface

Promotion of dialogue between science & policies. Facilitate the operability of science in action



Ensuring POLITICAL engagement – and evidence based policy changes Integrated One Health policies

International scientific workshops

Co-construct the science base of the strategic agenda of PREZODE

What is missing ?



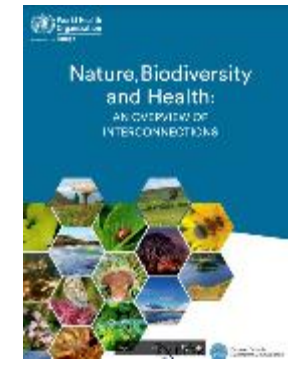
Identification of experts

to ensure the representation of an international scientific community of experts around the scope of PREZODE

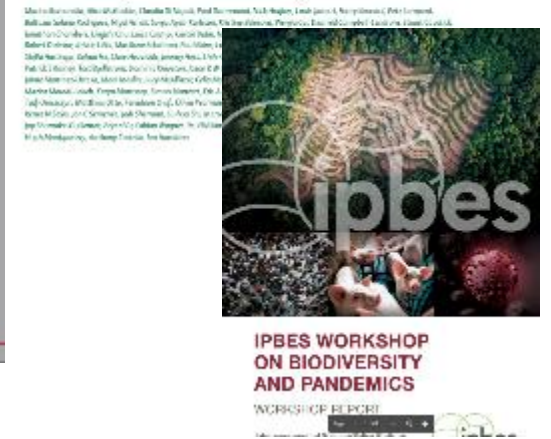
Literature review

Extraction of research gaps per pillar

RGs from regional workshops



The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future



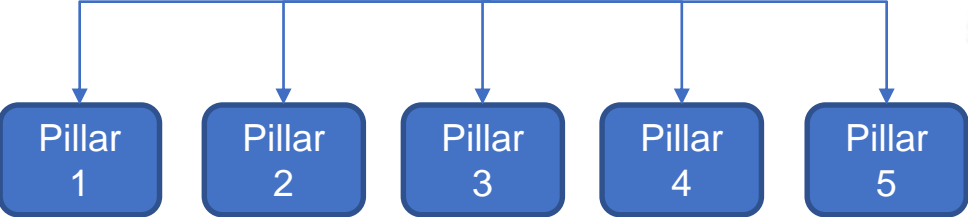
International scientific workshops



182 experts from 57 countries



Workshop 1
Research gaps and criteria



756 ideas shared

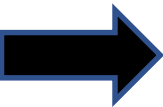
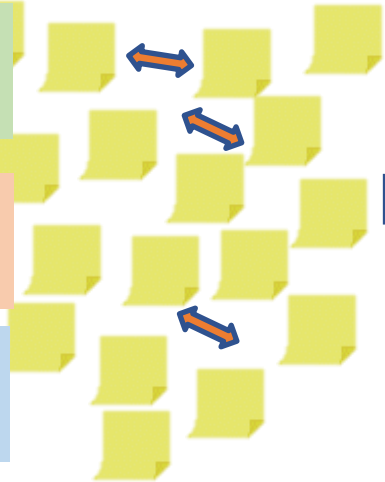
Workshop 2
Link between research gaps through the construction of pluridisciplinary projects



Theme 1 – Wildlife, biodiversity and land use in a changing climate

Theme 2 – Livestock, production scheme and animal-based food system

Theme 3 – Urbanisation: green cities and human demographic



Research plan per pillar and between pillars

10 categories

1. Fundamental knowledge
2. Predictive methods
3. Surveillance systems
4. Innovative methods
5. Data management
6. Framework/infrastructures
7. Indicators and impact
8. Gender equality, diversity and inclusion
9. Communities engagement
10. Science and policy interface

PREZODE Strategic Agenda – Provisional content

