



Preventing zoonotic
disease emergence

Synthesis of PREZODE co-construction workshops - International



FRANCE22
FRENCH PRESIDENCY
OF THE COUNCIL OF THE
EUROPEAN UNION

- 
1. Introduction by Prisca MUGABE - University of Zimbabwe
 2. African Region by Prisca MUGABE - University of Zimbabwe
 3. South East Asia and Pacific Region by Hung NGUYEN-VIET - ILRI
 4. Latin American and Caribbean Region by Gerardo SUZAN - Universidad Nacional Autonoma de Mexico (UNAM)



Introduction

Presented by Prisca MUGABE – University of Zimbabwe

Methodology : PREZODE's co-construction process



The 3 phases of the regional workshops took place in the year 2021.

- COMMON VISION to tackle zoonotic risks
- OBSTACLES

1

June 2021



- NEED FOR CHANGES
- ACTORS INVOLVED

2

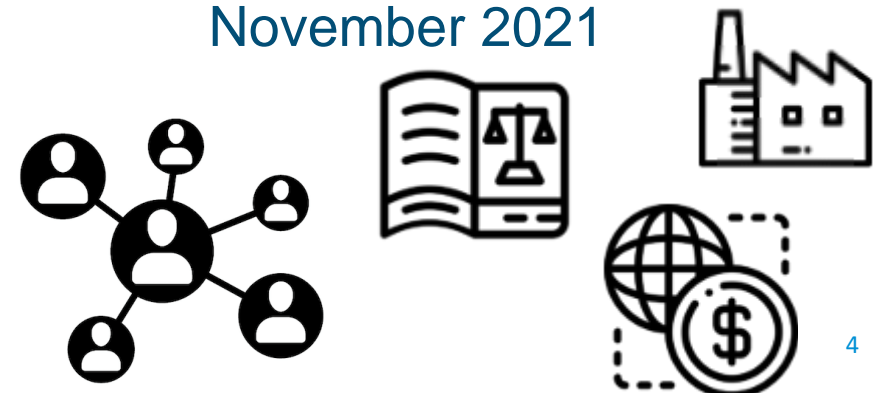
September 2021



- HOW TO PROMOTE CHANGES ?
- WHICH ACTIVITIES ?

3

November 2021



PREZODE contributors to the co-construction process in 7 regions of the world

1118

Total number of contributors

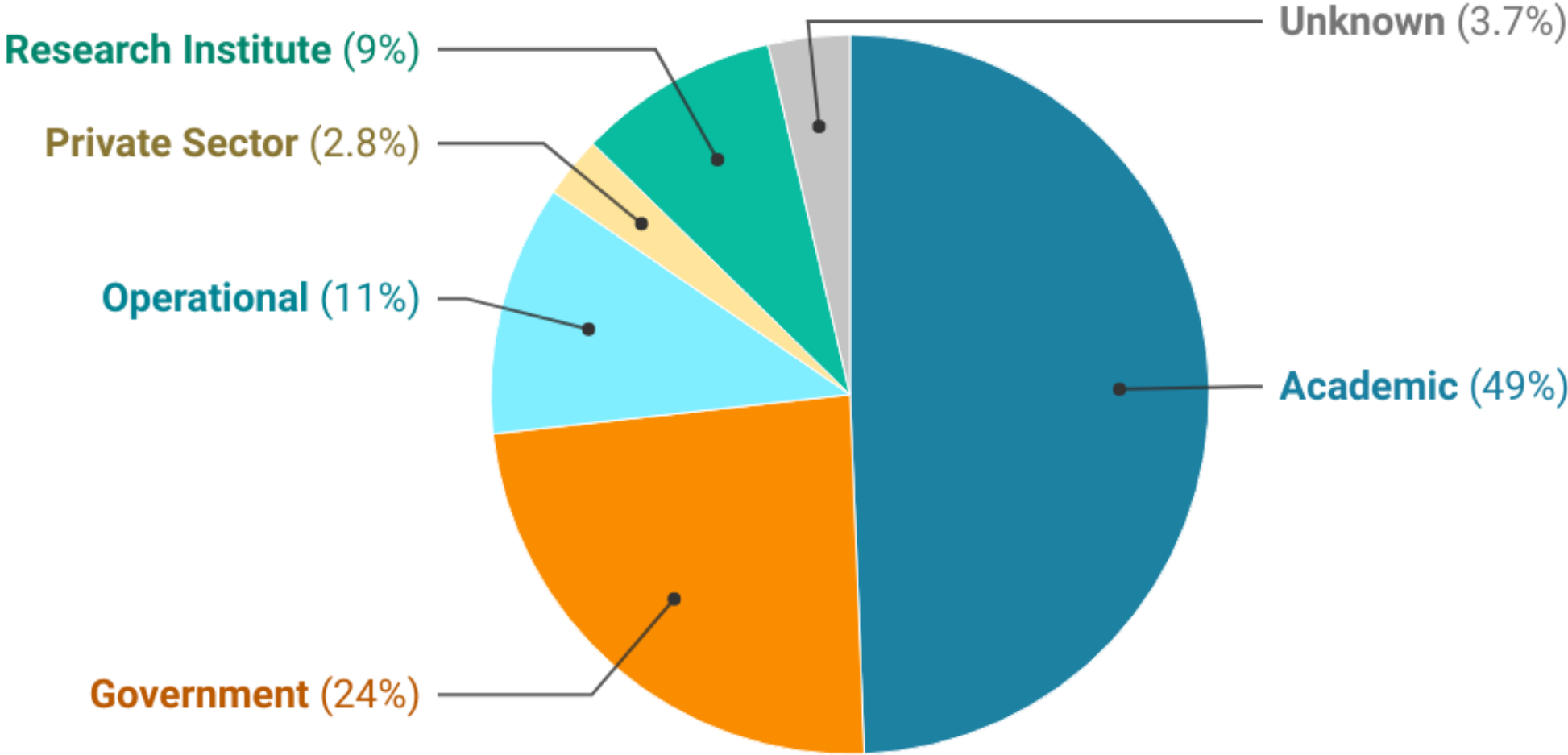
99

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

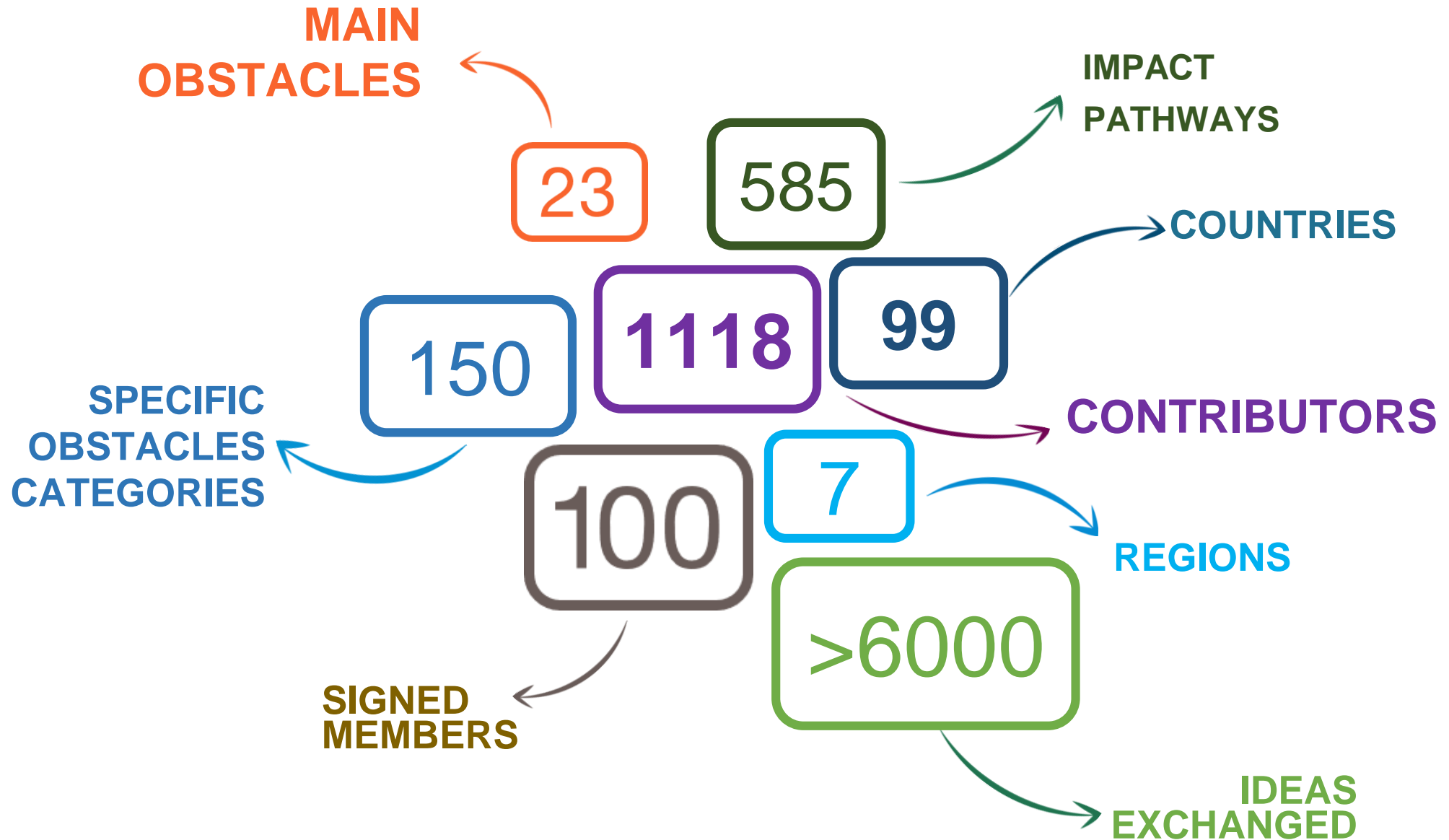


PREZODE – contributors representation in terms of sectors



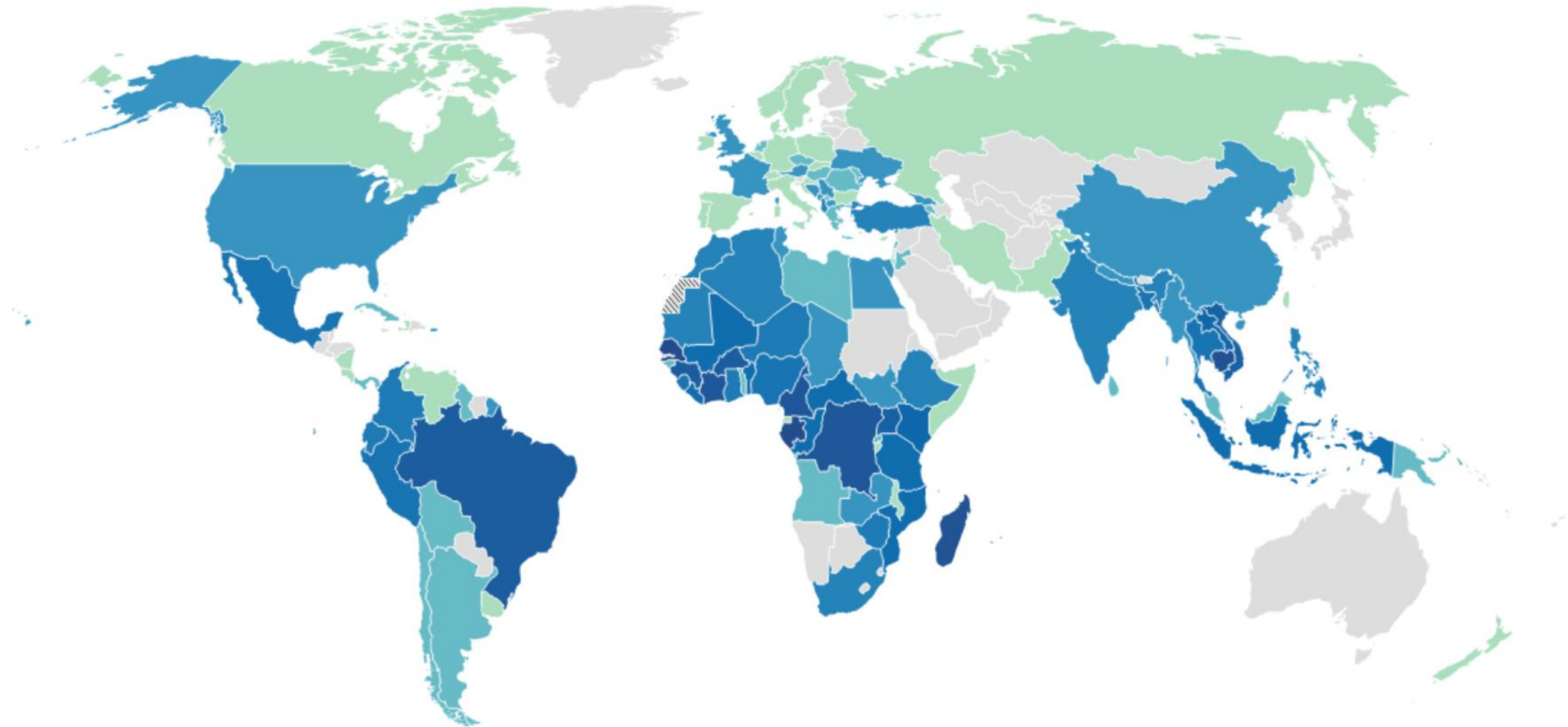
*contributors : registered and connected to the workshops series

PREZODE in a few figures



OTHER INITIATIVES in synergy with PREZODE – non exhaustive mapping

144 international and regional initiatives were mentioned during the workshops



Global vision, 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



Ensuring POLITICAL engagement – and evidence based policy changes



MAIN OBSTACLES



23

Main obstacle categories



Example of Impact Pathway – All regions included- (from 585 identified)

**Research &
operational needs**

**How to ensure
long term
community engagement
for sustainable prevention
of zoonotic disease
emergence**

**Intermediate /
transformation needs**

Local actors become aware of their importance in a sustainable zoonotic disease prevention system.

Decision makers understand and take into account the constraints and needs of local communities.

Targets /Global Vision



RISK MANAGEMENT



EMPOWERMENT



RESILIENT
SOCIO-ECOSYSTEMS



ETHICAL PRACTICES



POLITICAL
ENGAGEMENT



Example of Impact Pathway – All regions included- (from 585 identified)

Research & operational needs

How to engage actors from all sectors in co-developing zoonotic risk reduction and early detection solutions?

Intermediate / transformation needs

All actors understand the benefits of collaboration to reduce emergence risks

Public policies are articulated between local, national and international levels, as well as between existing networks

Research activities on zoonoses emergence are developed in a multidisciplinary way and have a common objective

Intersectorality and OH approach are integrated in university and training curricula

Targets /Global Vision



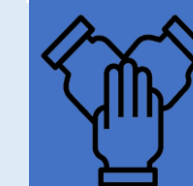
RISK MANAGEMENT



EMPOWERMENT



RESILIENT SOCIO-ECOSYSTEMS



INTERSECTORIAL COLLABORATIONS



POLITICAL ENGAGEMENT

AFRICA

Presented by Prisca MUGABE – University of Zimbabwe

Contributors in AFRICA

5 regional co-construction workshops took place in Africa in 2021. Here are the countries represented by our contributors for the 5 African regions during the workshops :

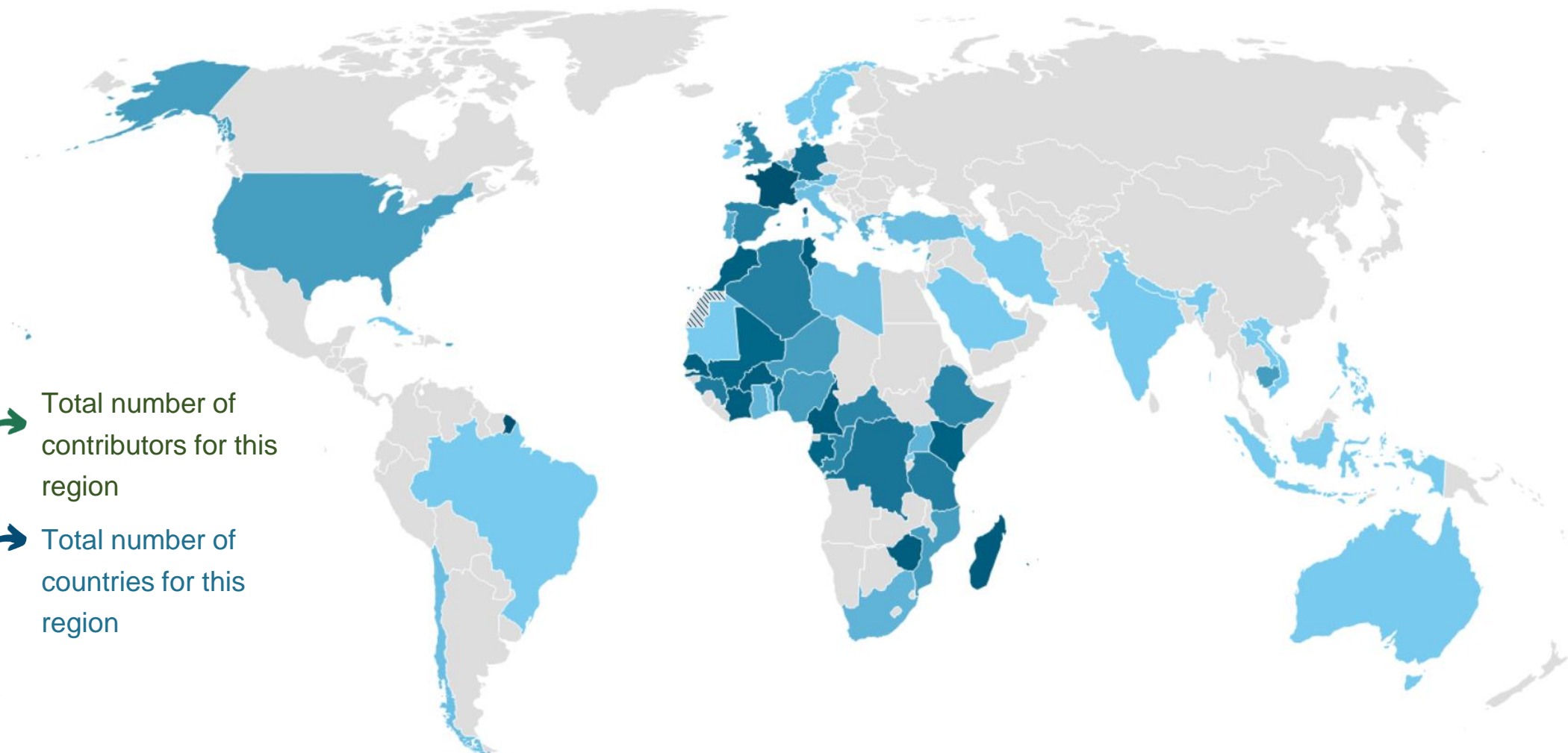


664

→ Total number of contributors for this region

65

→ Total number of countries for this region



Example of Impact Pathway – Africa – (358 identified)

Research & operational needs

Understand and describe the mechanisms of emergence at the human animal environment interface

Intermediate / transformation needs

Research capacity is sufficient and research provides scientific evidence on the emergence of zoonotic diseases, in relation to wildlife/domestic contacts and spillover risks.

Targets /Global Vision



RISK MANAGEMENT



EMPOWERMENT



RESILIENT
SOCIO-ECOSYSTEMS



BIODIVERSITY
CONSERVATION



INTERSECTORIAL
COLLABORATIONS

Example of Impact Pathway – Africa - (358 identified)

Research & operational needs

How to sustainably engage decision makers in the prevention of zoonotic risk emergence?

Intermediate / transformation needs

A sub-regional summit on the issues of zoonotic risk emergence improves the flow of information and puts the issue on the agenda

Citizens trust decision makers

Public aid is committed to the prevention of zoonotic risk emergence

Decision makers of the different sectors have a common vision and a long-term perspective

Targets /Global Vision



RISK MANAGEMENT



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RESILIENT
SOCIO-ECOSYSTEMS



SURVEILLANCE
NETWORKS



INTERSECTORIAL
COLLABORATIONS

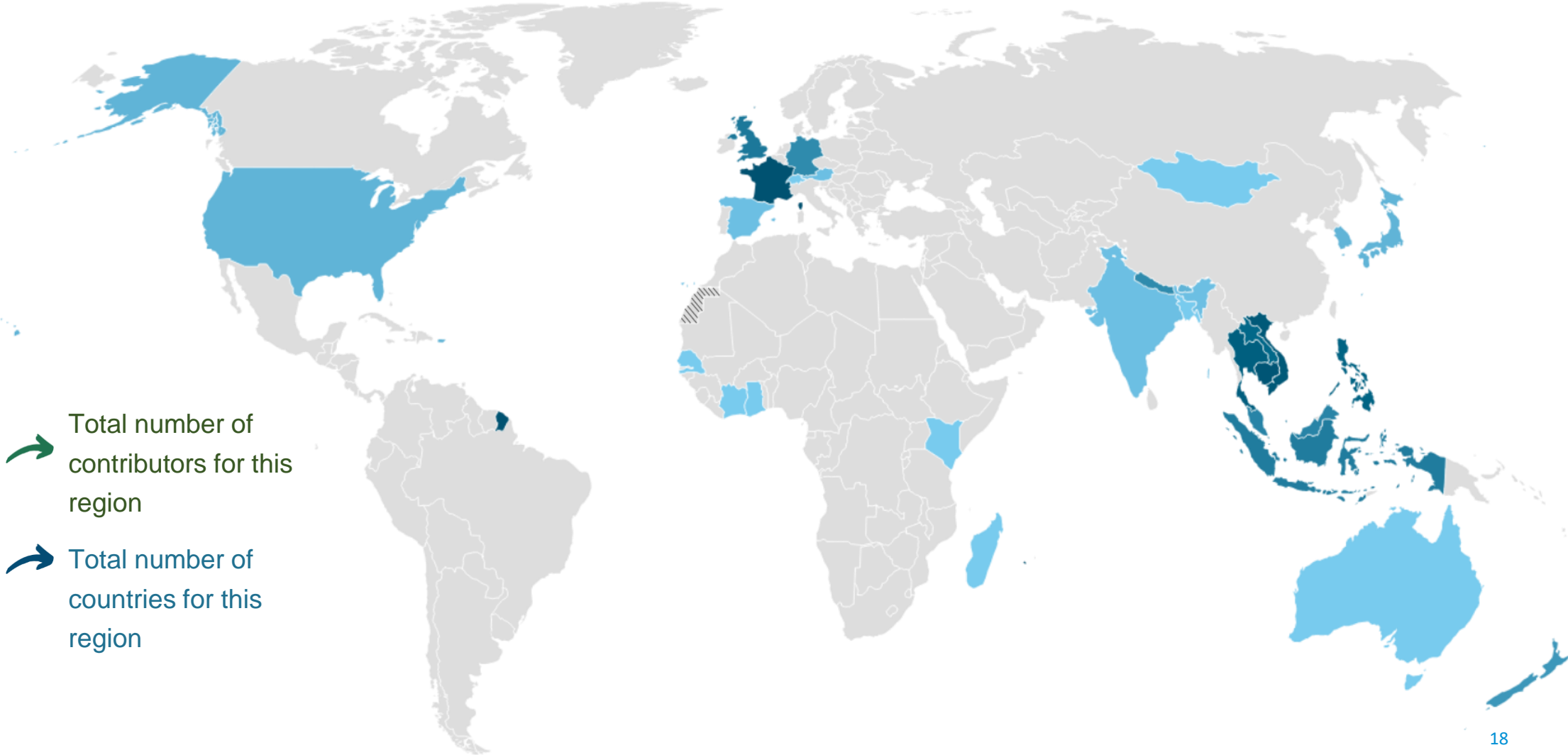


SOUTH EAST ASIA – EAST ASIA - PACIFIC

Presented by Hung NGUYEN-VIET – International Livestock Research Institute (ILRI)

Contributors in SOUTH EAST ASIA, EAST ASIA, PACIFIC

Here are the countries represented by our contributors for this region during the workshops :



314

Total number of contributors for this region

30

Total number of countries for this region



Example of Impact Pathway – SOUTH EAST ASIA, EAST ASIA, PACIFIC – (140 identified)

Research & operational needs

How to define a sustainable framework for the prevention of zoonotic risks ensuring food security and taking into account socio-economic issues?

Intermediate / transformation needs

Researchers and decision makers understand the communities before proposing solutions

Decision makers are trained, support and committed to OH approach

Research brought more knowledge about ecosystems, environment protection and interest of OH approach

Government and private sector policies stopped driving degradation of ecosystem and deforestation

Targets /Global Vision



RISK MANAGEMENT



EMPOWERMENT



RESILIENT SOCIO-ECOSYSTEMS



ETHICAL PRACTICES



INTERSECTORIAL COLLABORATIONS

Example of Impact Pathway – SOUTH EAST ASIA, EAST ASIA, PACIFIC (140 identified)

Research & operational needs

What is the added value of integrated approaches to health for zoonotic risks prevention?

And how to evaluate it?

Intermediate / transformation needs

Funds are dedicated to One Health approach evaluation

One Health approach is evaluated and researchers communicate in an intersectorial way on the results of such evaluation

Decision makers are using the result of the evaluation to define the policies

Targets /Global Vision



RISK MANAGEMENT



EMPOWERMENT



ETHICAL PRACTICES



INTERSECTORIAL COLLABORATIONS



POLITICAL ENGAGEMENT



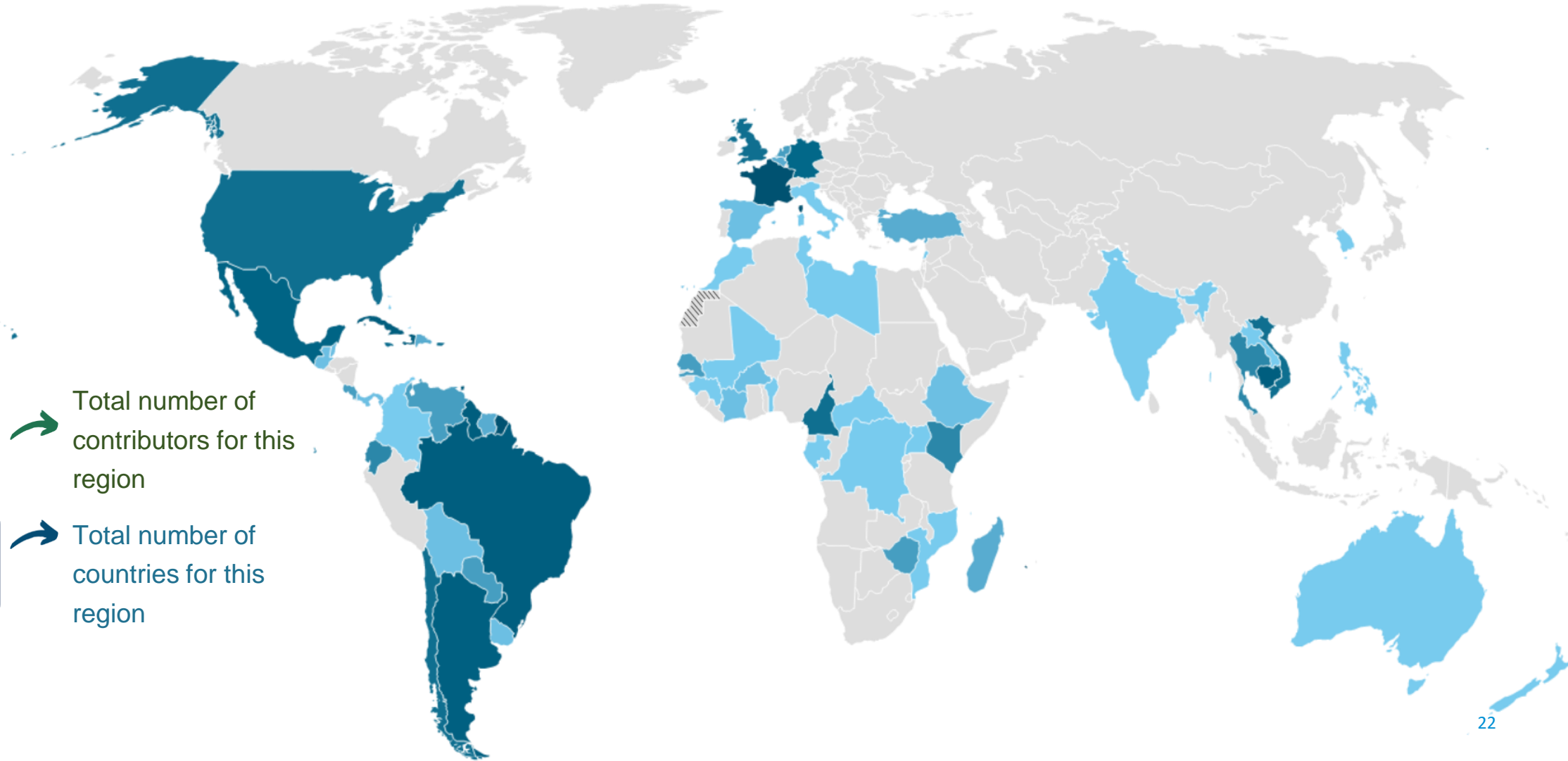


LATIN AMERICA AND CARIBBEAN

Presented by Gerardo SUZAN - Universidad Nacional Autonoma de Mexico (UNAM)

Contributors in LATIN AMERICA AND CARIBBEAN

Here are the countries represented by our contributors for this region during the workshops :



322

→ Total number of contributors for this region

65

→ Total number of countries for this region



Example of Impact Pathway – LATIN AMERICA AND CARIBBEAN – (87 identified)

Research & operational needs

How to empower local community/researchers and promote a bottom-up approach in the prevention of zoonotic risk emergence while ensuring ethical practices in terms of result and recommendation sharing?

Intermediate / transformation needs

Policy makers, local communities and researchers are trained in the field

Surveillance activities and local actions are co-developed by the local communities

Solutions developed by local communities are integrated in their practices, ensuring their adoption

Targets /Global Vision



RISK MANAGEMENT



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POLITICAL
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Example of Impact Pathway – LATIN AMERICA AND CARIBBEAN - (87 identified)

Research & operational needs

Understand the mechanisms and barriers for intersectorial collaborations from local to central levels

Intermediate / transformation needs

A portion of the funding is dedicated to planning interdisciplinary research programs and projects

Social sciences are included in projects

Policy makers are aware of the importance to consider intersectorial approaches

Targets /Global Vision



EMPOWERMENT



ETHICAL PRACTICES



INTERSECTORIAL COLLABORATIONS



POLITICAL ENGAGEMENT



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MANY THANKS FOR YOUR ATTENTION



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