



Preventing zoonotic
disease emergence

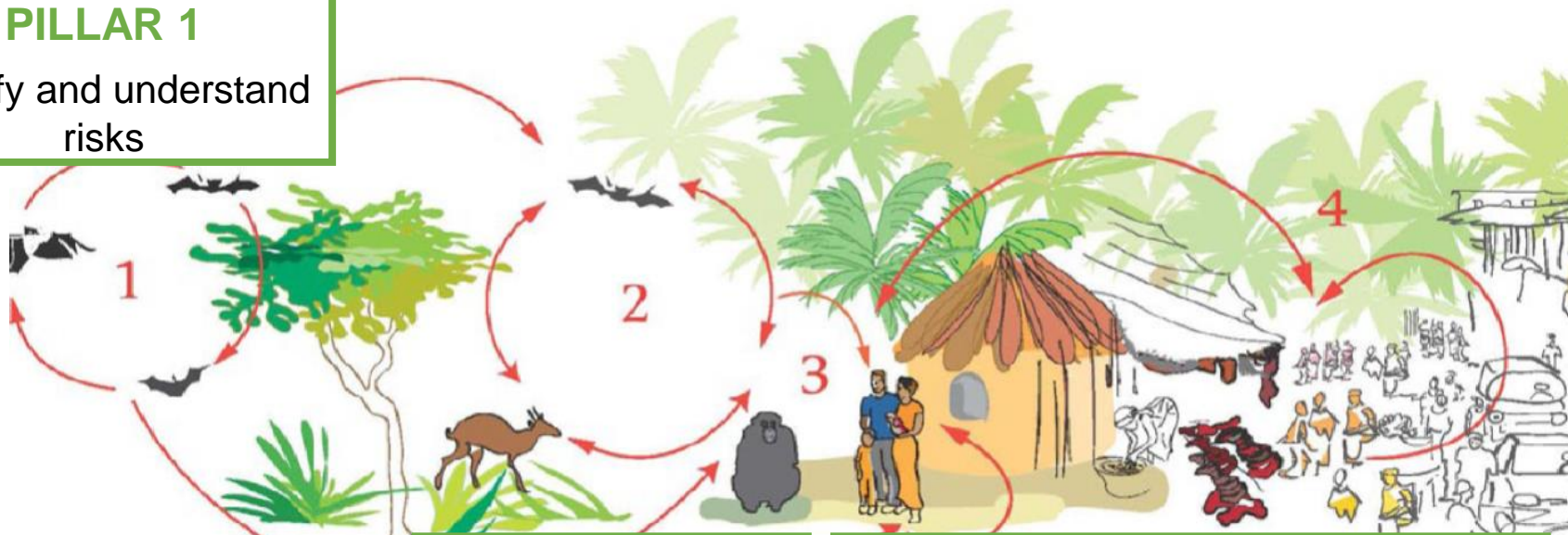
PREZODE WORKSHOP LATIN AMERICA & CARIBBEANS

Workshop 1 synthesis
Synthèse de l'Atelier 1

PREZODE – Context – English version

VISION AND OBJECTIVES

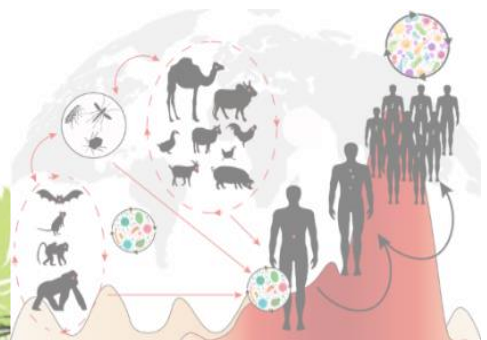
PILLAR 1
Identify and understand risks



PILLAR 2
Risk reduction

PILLAR 3
Early detection and rapid response;
Socio-economic constraints

PILLAR 4
Scaling up emerging risks surveillance systems



@Chirara, Cirad

PILAR 5 Engaging and empowering local and national stakeholders; strengthening One Health networks

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



STRENGTHENING EARLY WARNING SYSTEMS, OPERATIONAL FROM LOCAL TO GLOBAL

WHERE ARE WE? WHAT ARE THE NEXT STEPS

- Framing the initiative
- Launching the first national research program in France
- Co-developing the initiative with all the relevant stakeholders
 - Regional and national co-design workshops
 - Strategic scientific agenda and operational roadmap

FIRST FUNDINGS ACQUIRED

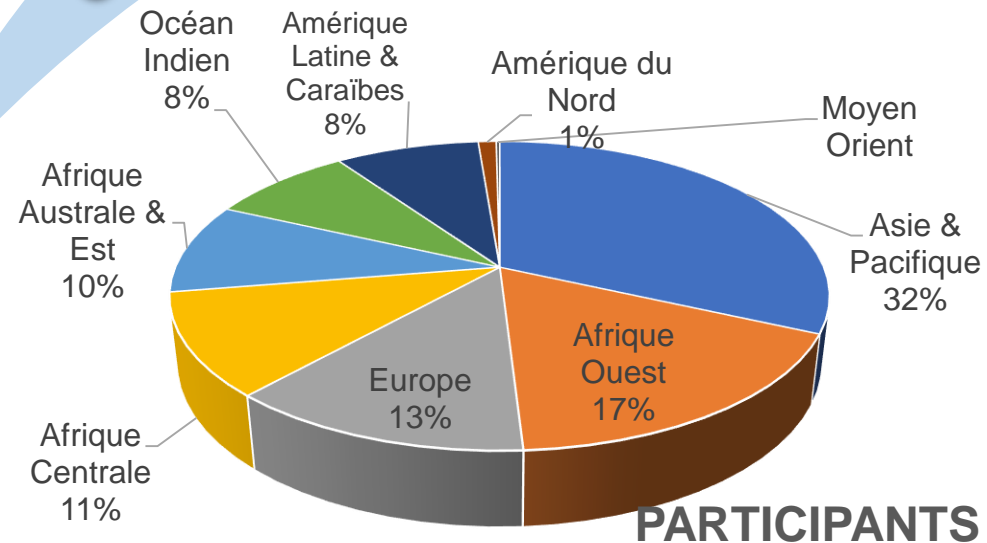
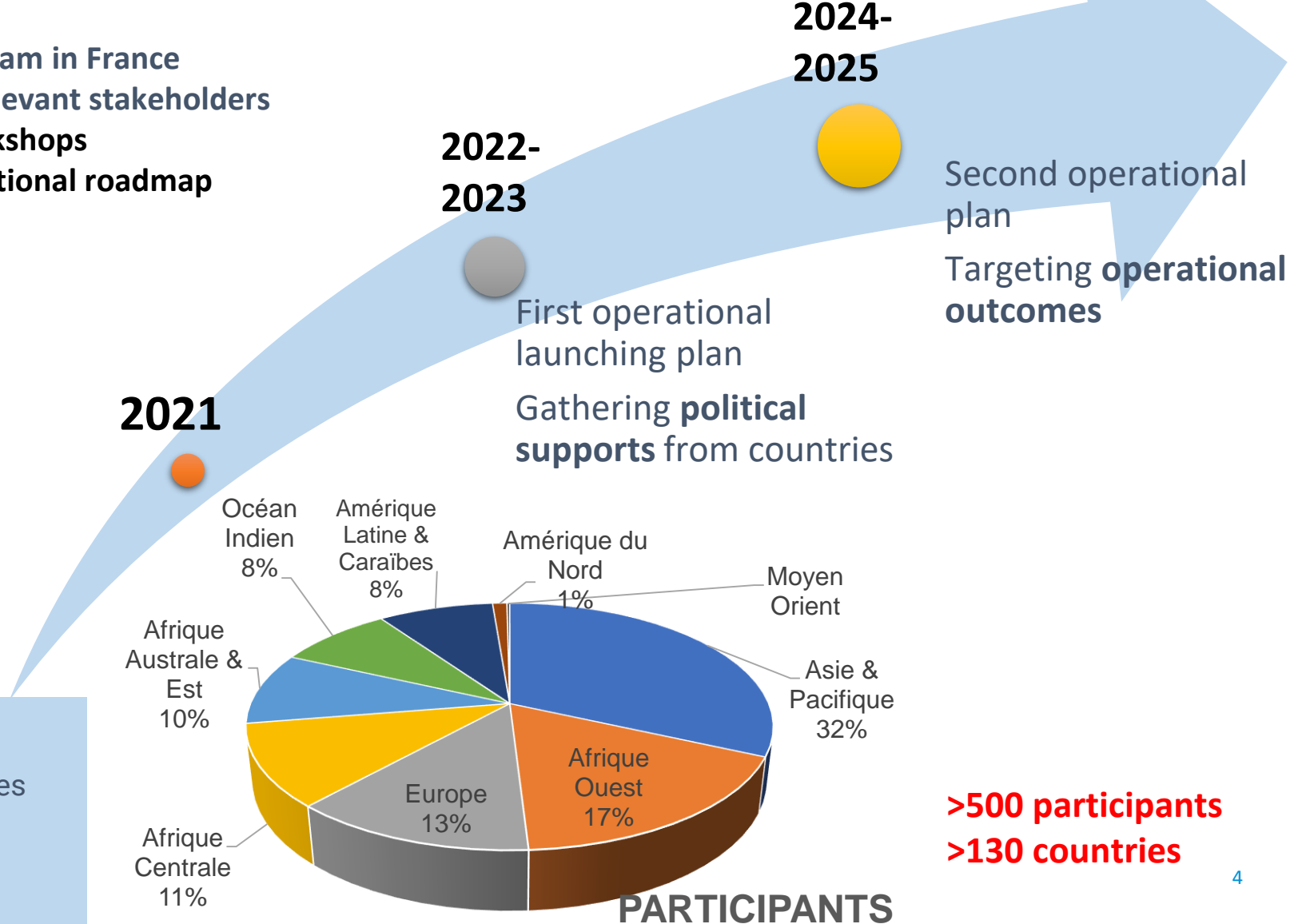
- MESRI PEPR 30M€
- AFD 30M€

INTERNATIONAL SUPPORT REQUIRED

- International organisations
- Donors
- Countries
- Sci & Dev partners

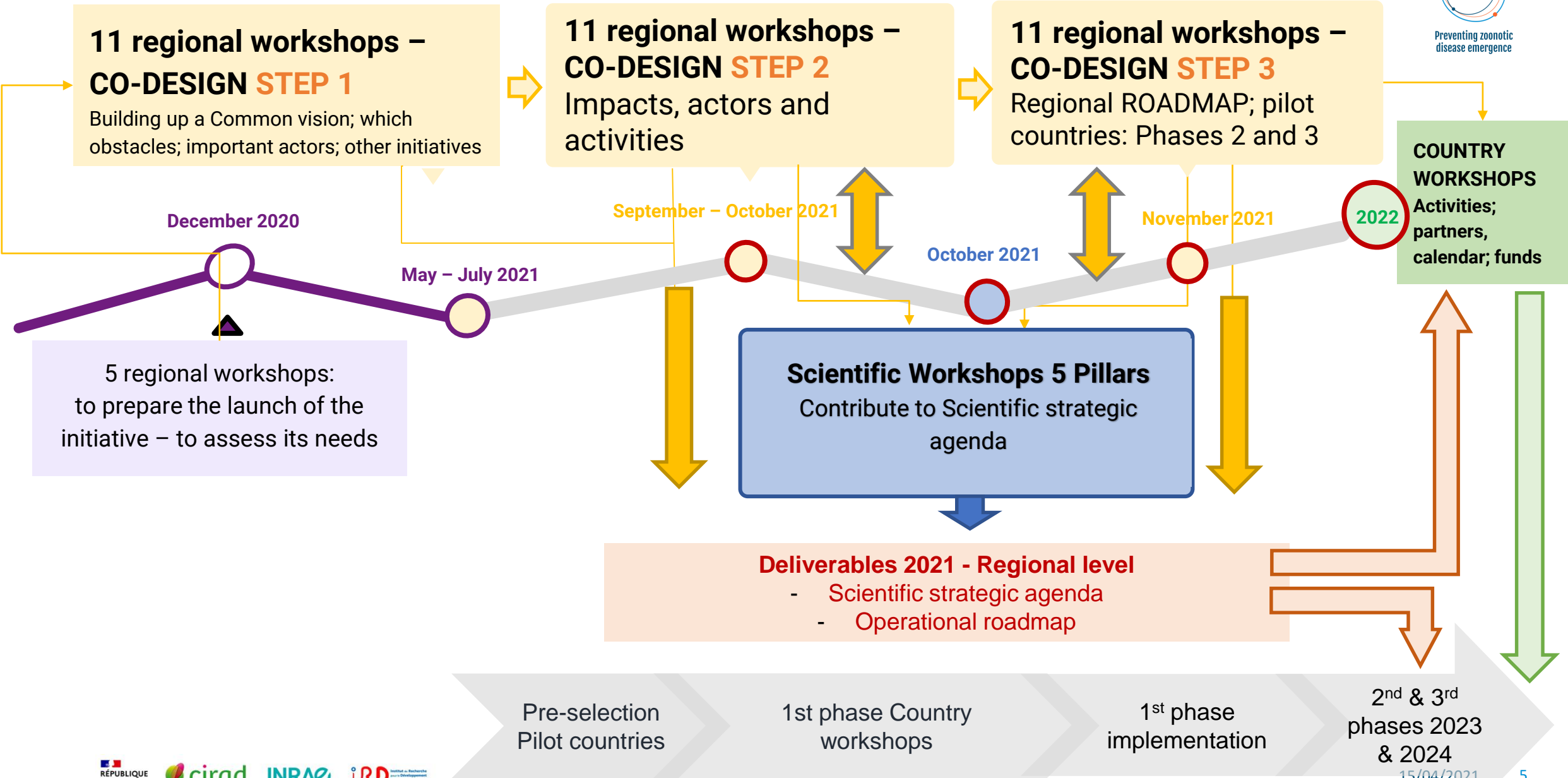
11 co-design regional workshops–

- STEP 1- Common vision, obstacles, other initiatives
- STEP 2 -Impacts, actors and activities
- STEP 3- Strategic scientific and operational plans



>500 participants
>130 countries

Co-design process 2020-2021



OUR **RESEARCHERS** ARE **CHANGING** THE WAY THEY

ImpresS: comprendre les chemins de l'im...

THINK

PLAN

IMPACT CULTURE

SOCIAL

ENVIRONMENTAL

Regarder sur YouTube

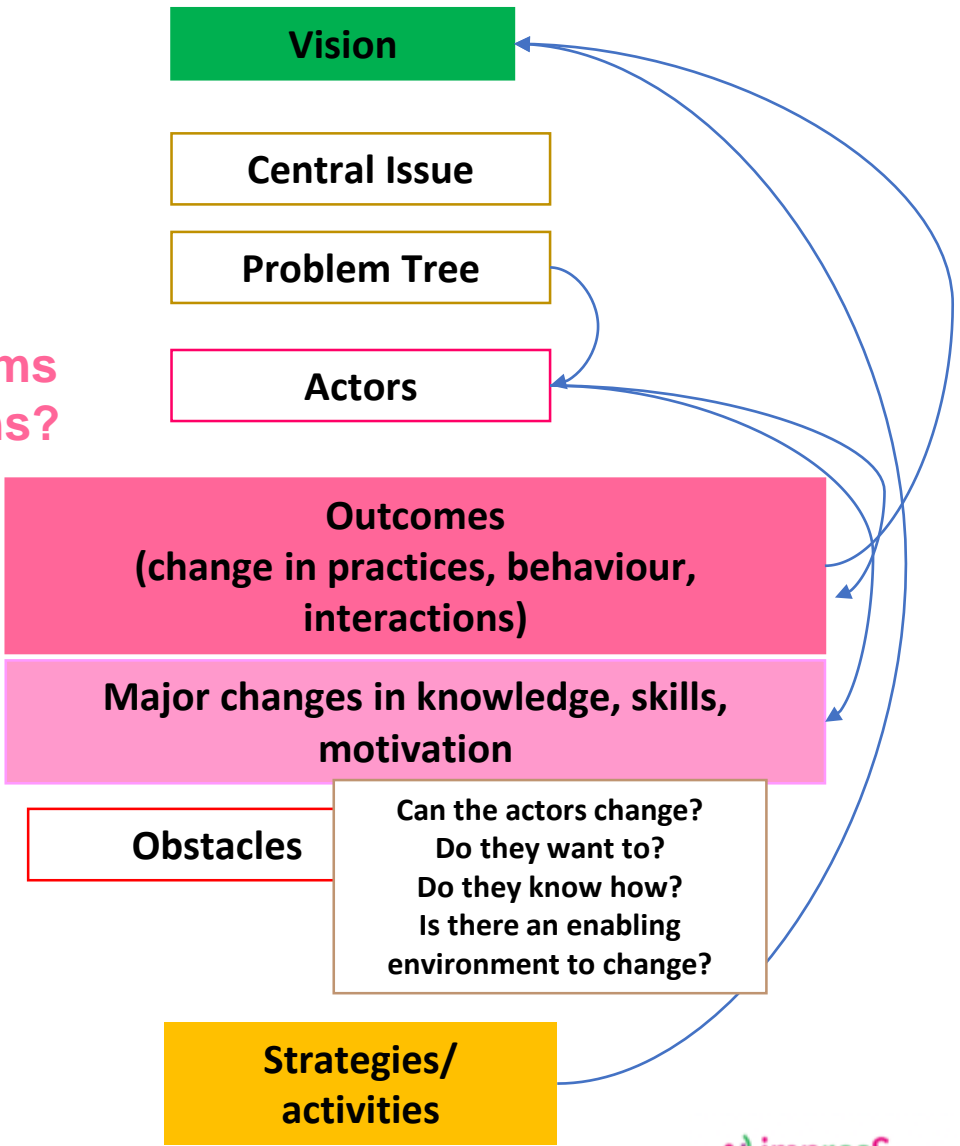
En promouvant une culture de l'impact à tous les niveaux de l'institution.

A VIDEO to Understand it all !

Web Link: <https://youtu.be/xS9qHY0I4gc>

CO-DESIGN METHODOLOGY – The different STEPS

- 1st workshop
 - What is the vision of the future to which we aim to contribute to?
 - What are the key problems that prevent this from being achieved?
- 2nd workshop
 - Who are the main actors of these problems and how are they impacted by our actions?
 - What are the desirable changes to solve these problems and achieve the vision ?
- 3rd workshop
 - What are the obstacles to these changes?
 - What strategies/actions can we implement to overcome these obstacles?



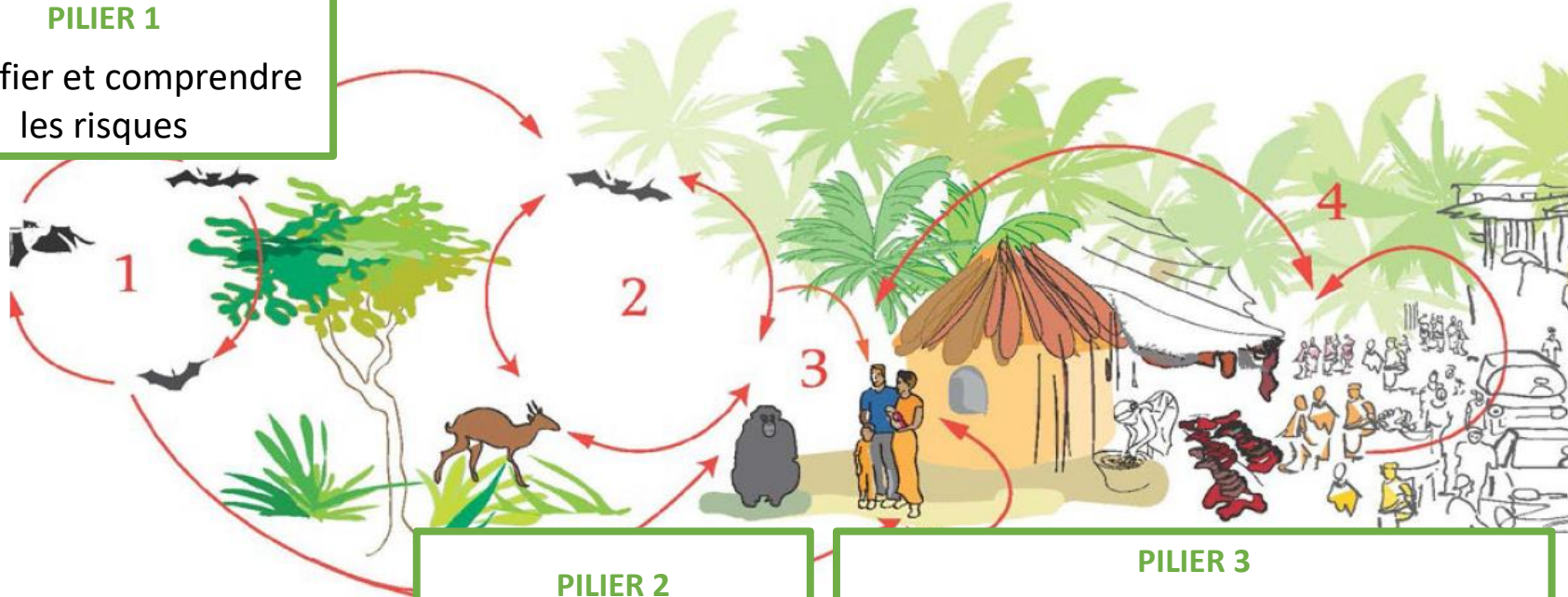
WORKSHOP 1 - Objectives

- **To build up a common vision of the initiative together** - based on the PREZODE values - its objectives and expected impacts but also its challenges and potential barriers;
- **To map and invite around the table all the relevant stakeholders** that would need to take part in this co-construction work;

PREZODE – Context – version française

VISION ET OBJECTIFS

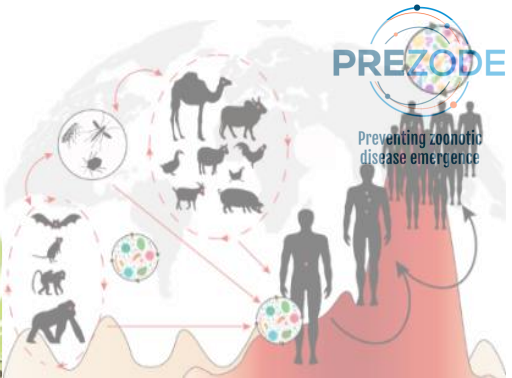
PILIER 1
Identifier et comprendre
les risques



PILIER 2
Réduire les risques

PILIER 3
Détection précoce et réponse rapide;
contraintes socio-économiques

PILIER 4
Changement
d'échelle
des systèmes
de surveillance des
risques
zoonotiques



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© D. Guard-Lavastre/Cirad, d'après CDC : <http://www.cdc.gov/vhf/ebola/resources/virus-ecology.html>

PILIER 5 Engagement des parties prenantes et co-développement des réseaux de santé

IDENTIFIER ET COMPRENDRE LES RISQUES
et **APPORTER DES SOLUTIONS POUR LES REDUIRE**



RENFORCER LES SYSTEMES D'ALERTE PRECOCE,
OPERATIONNELS DU LOCAL AU GLOBAL

OÙ EN SOMMES NOUS ?

QUELLES SONT LES PROCHAINES ÉTAPES ?

- › Structuration de l'initiative
- › Lancement d'un premier programme national de recherche français
- › Co-construction avec l'ensemble des acteurs pertinents
 - Ateliers régionaux et nationaux de co-construction
 - Agenda stratégique de Recherche et Innovation

FINANCEMENT ACQUIS

- MESRI PEPR 30M€
- AFD 30M€

SOUTIEN INTERNATIONAL

- Organisations internationales
- Bailleurs
- Pays
- Partenaires scientifiques et développement

11 ateliers de co-construction régionale -

Étape 1- Vision commune, obstacle, autres initiatives

Étape 2- Impacts, acteurs et activités

Étape 3- Stratégies scientifique & Feuille de route

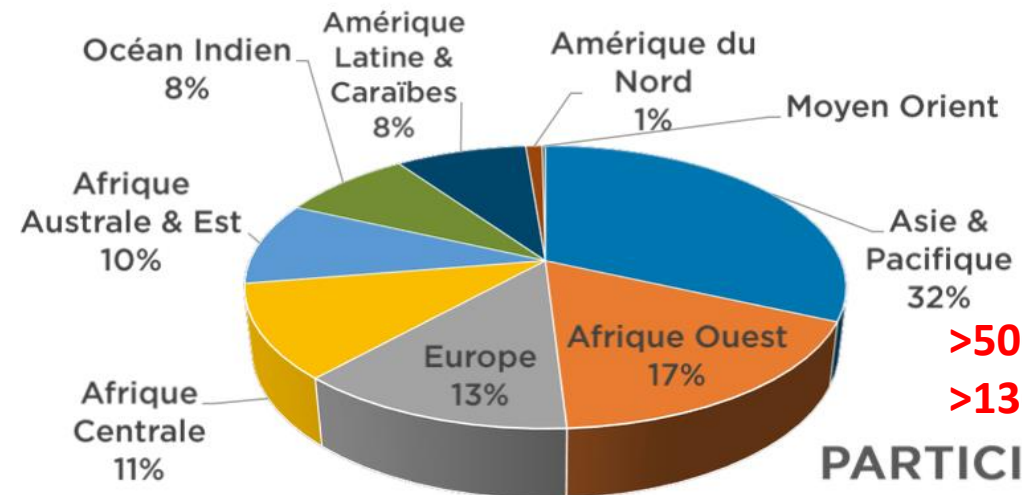
2021

2022-
2023

Premier plan de travail par pilier et par région.
Mobilisation du **soutien politique** dans les pays

2024-
2025

Deuxième plan de travail.
Ciblage des **résultats opérationnels**

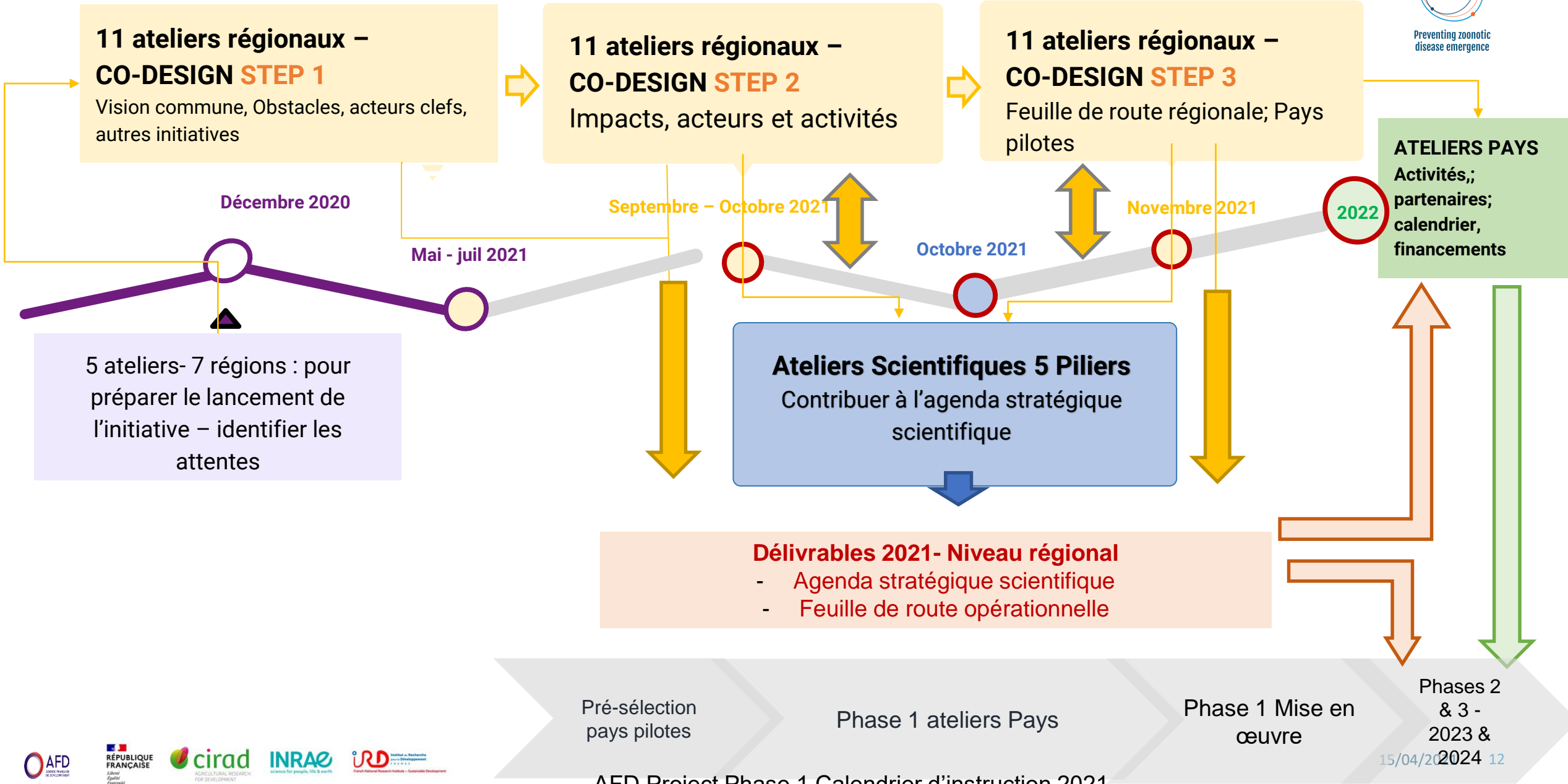


>500 participants

>130 pays

PARTICIPANTS

Processus de co-construction 2020-2021

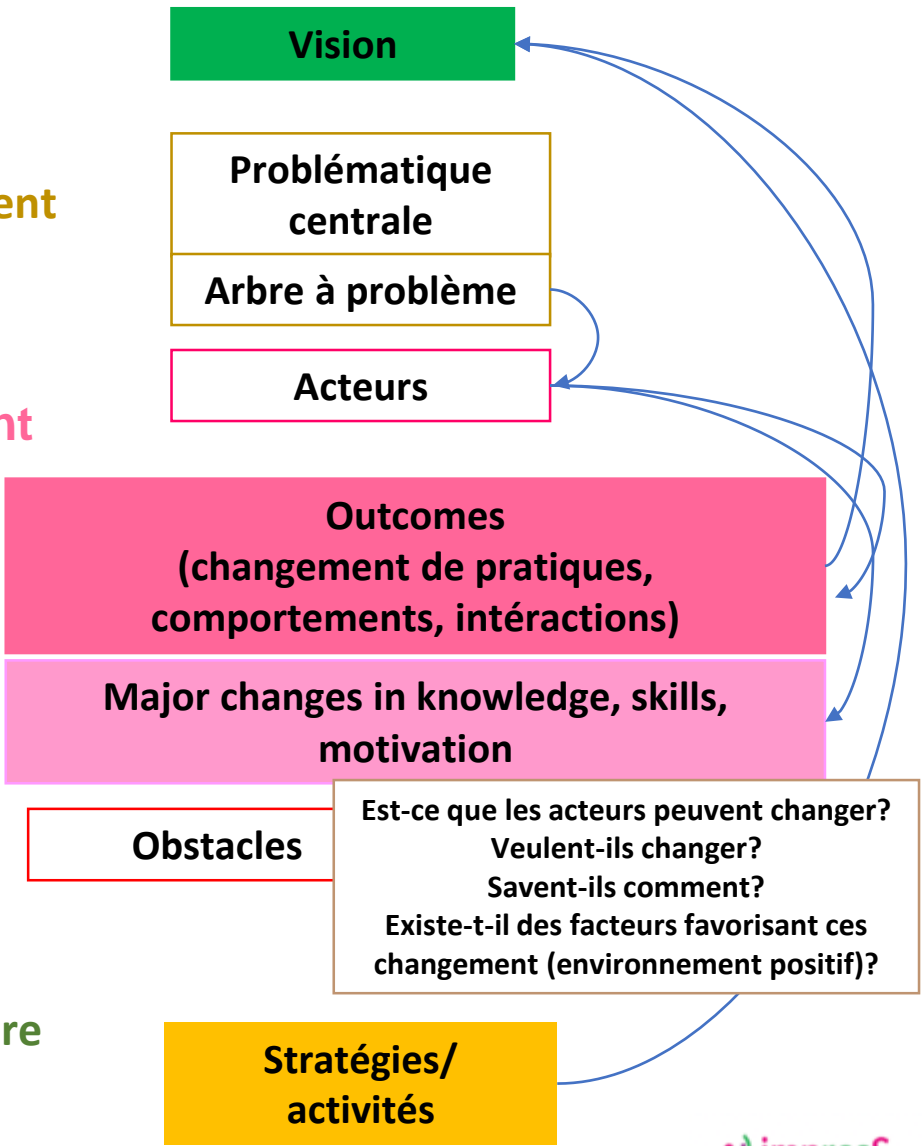


The graphic is a promotional image for a video. At the top left is the 'cirad' logo. The main text reads 'ImpresS: comprendre les chemins de l'im...' and 'OUR RESEARCHERS ARE CHANGING THE WAY THEY'. Below this is a central diagram. On the left, a woman in a pink coat has a thought bubble that says 'THINK'. In the center, a man in a white shirt points to a diagram with a central play button icon and the word 'PLAN' below it. To the right, a man in a green shirt points to two circular icons labeled 'SOCIAL' (with a group of people) and 'ENVIRONMENTAL' (with a plant). At the bottom left, there is a target icon labeled 'IMPACT' and 'CULTURE'. A large pink arrow points from the 'PLAN' box towards the right. At the bottom, it says 'Regarder sur YouTube' and 'En promouvant une culture de l'impact à tous les niveaux de l'institution,'.

Une vidéo pour tout comprendre !

Web Link: <https://youtu.be/xS9qHY0l4gc>

- Atelier 1**
- Quelle est la vision du future à laquelle nous voulons contribuer?
 - Quels sont les problèmes majeurs qui empêchent d'atteindre cette vision?
- Atelier 2**
- Quels sont les principaux acteurs concernés par ces problèmes et comment sont-ils impactés par nos actions??
 - Quels sont les changement nécessaires pour résoudre ces problèmes et atteindre la vision?
- Atelier 3**
- Quels sont les obstacles à ces changements?
 - Quelles sont les stratégies/actions que nous pouvons mettre en œuvre pour limiter/résoudre ces obstacles?



ATELIER 1 -Objectifs

- **Construire ensemble une vision commune de l'initiative** – sur la base des valeurs de PREZODE- ses objectifs et impact espérés mais aussi les obstacles potentiels à cette vision;
- **Pour cartographier et inviter autour de la table tous les acteurs pertinents** qui sont important pour ce processus de co-construction;
- **Pour identifier toutes les initiatives régionales et internationales en lien avec la vision de PREZODE**

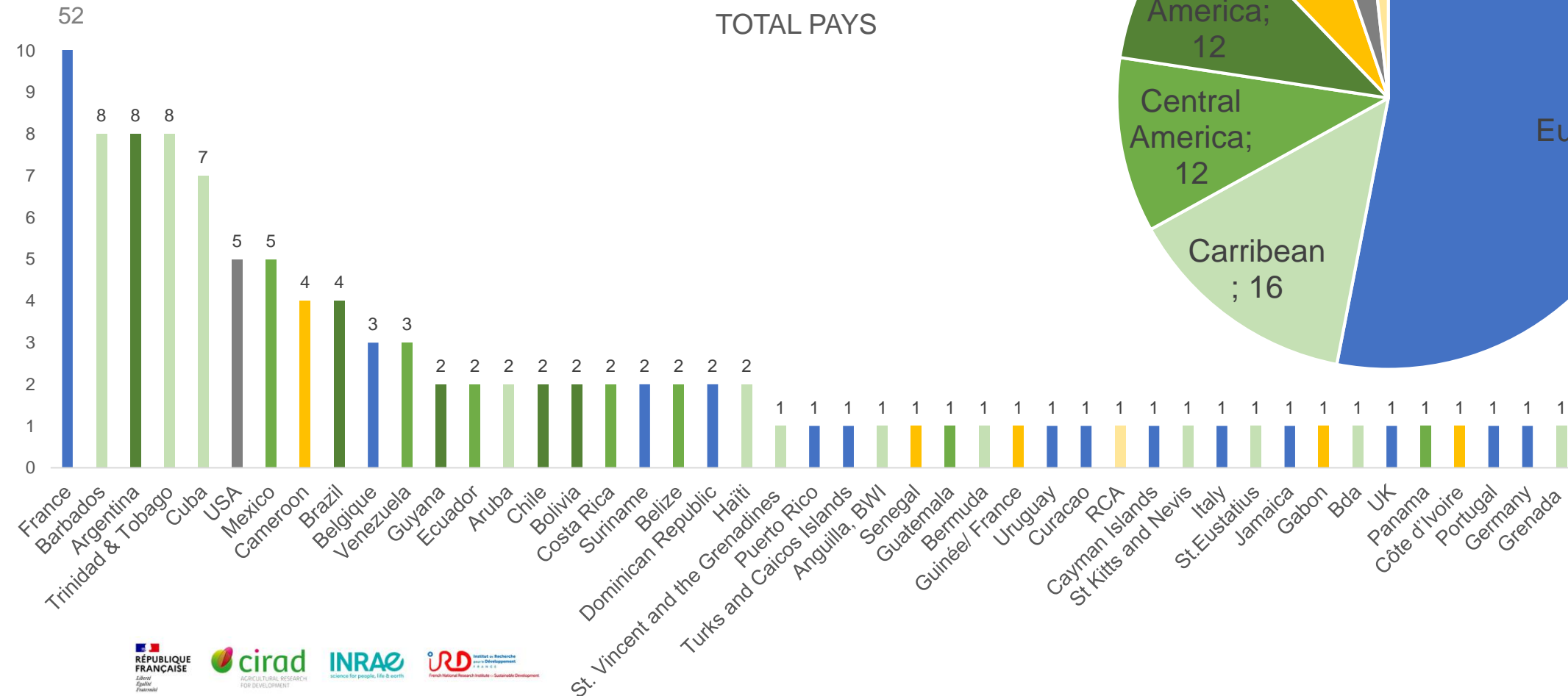
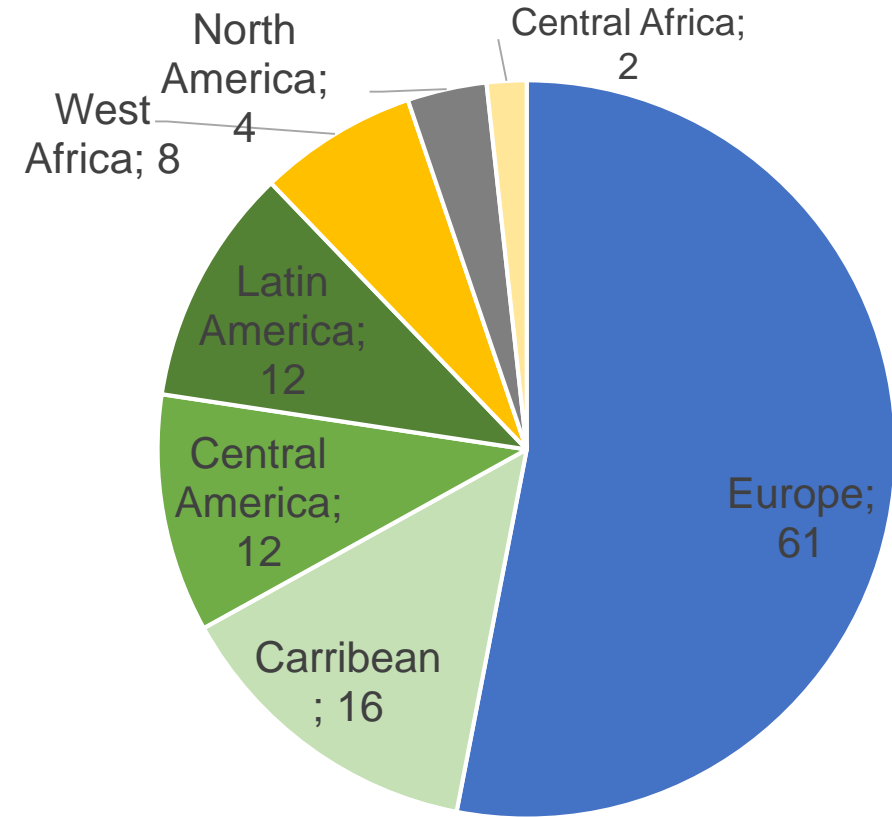


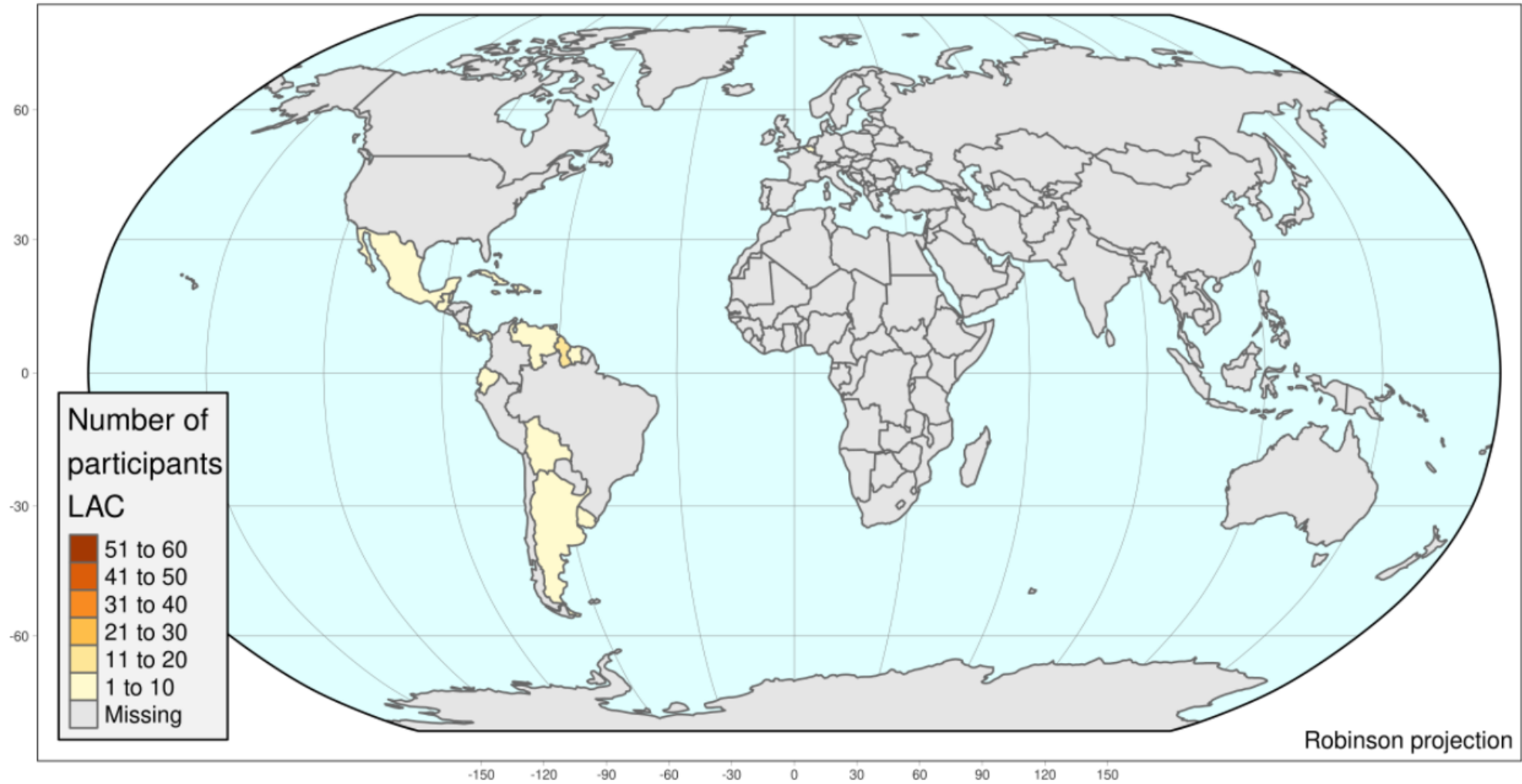
Participants

Latin America & the Carribeans Co-design Workshop – 10th of June 2021

192 Registered Participants / 29 no information on country
from 45 countries

TOTAL PAYS







Vision

VISION—

Key Words

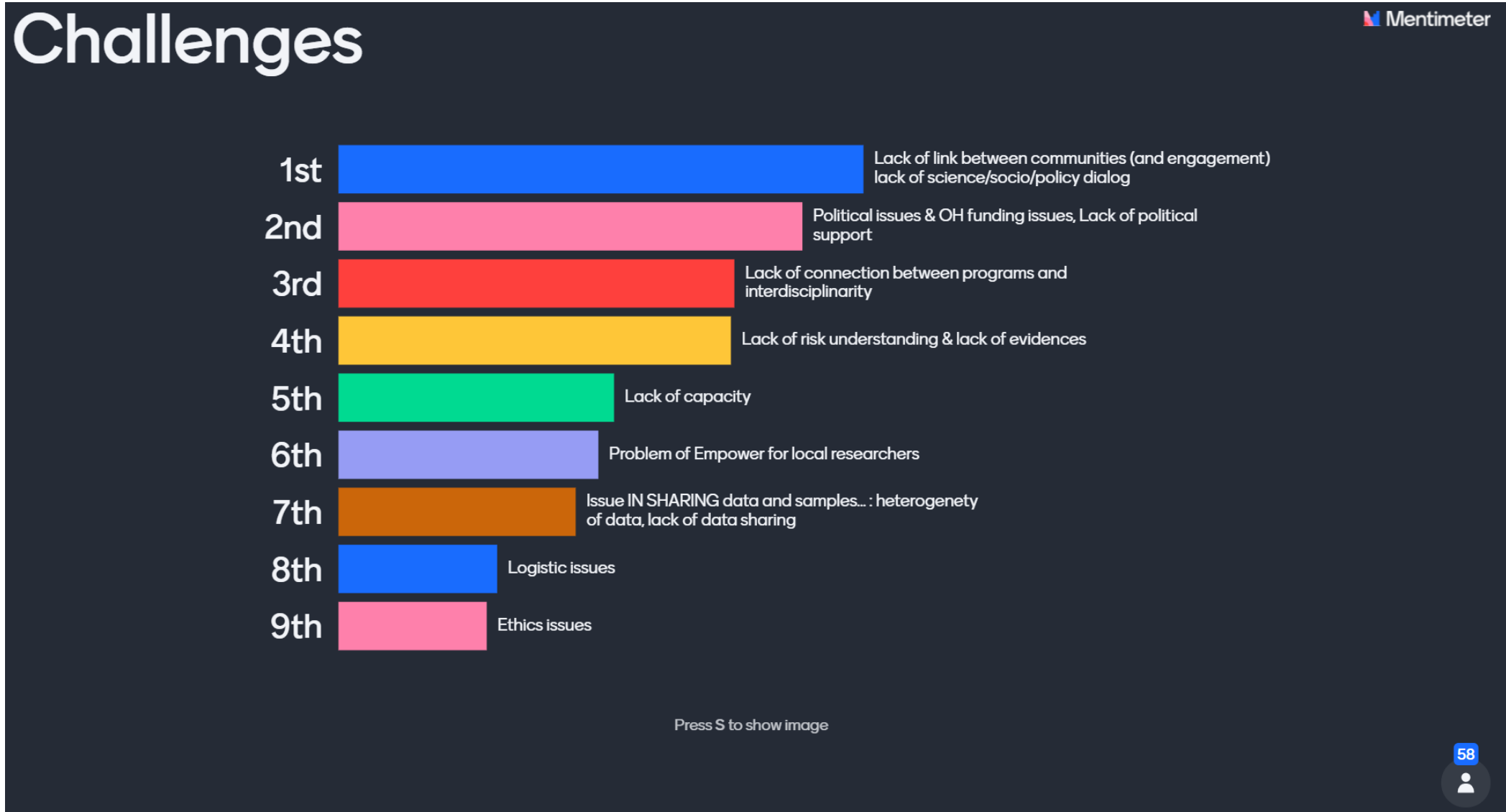
- Engage politics
- Improve surveillance including wildlife
- Strengthen One Health and intersectorial collaboration
- Consider Socio-Economic issues and role of social science
- Engagement of local people
- Sharing data
- Reduce AMR and climate change
- Improve training and innovative research
- To be better prepared

Reinforce multidisciplinary international cooperation, to quick detection, reduction and prevention of new emerging diseases, by strengthening surveillance set up, laboratory capability, perform better risk assessment and smarter intervention, by ensuring effective community engagement while improving wellbeing through sustainable food production, by better integrating socio-economic issues and social sciences within the OH approach, by engaging decision makers and promoting evidence based policy development

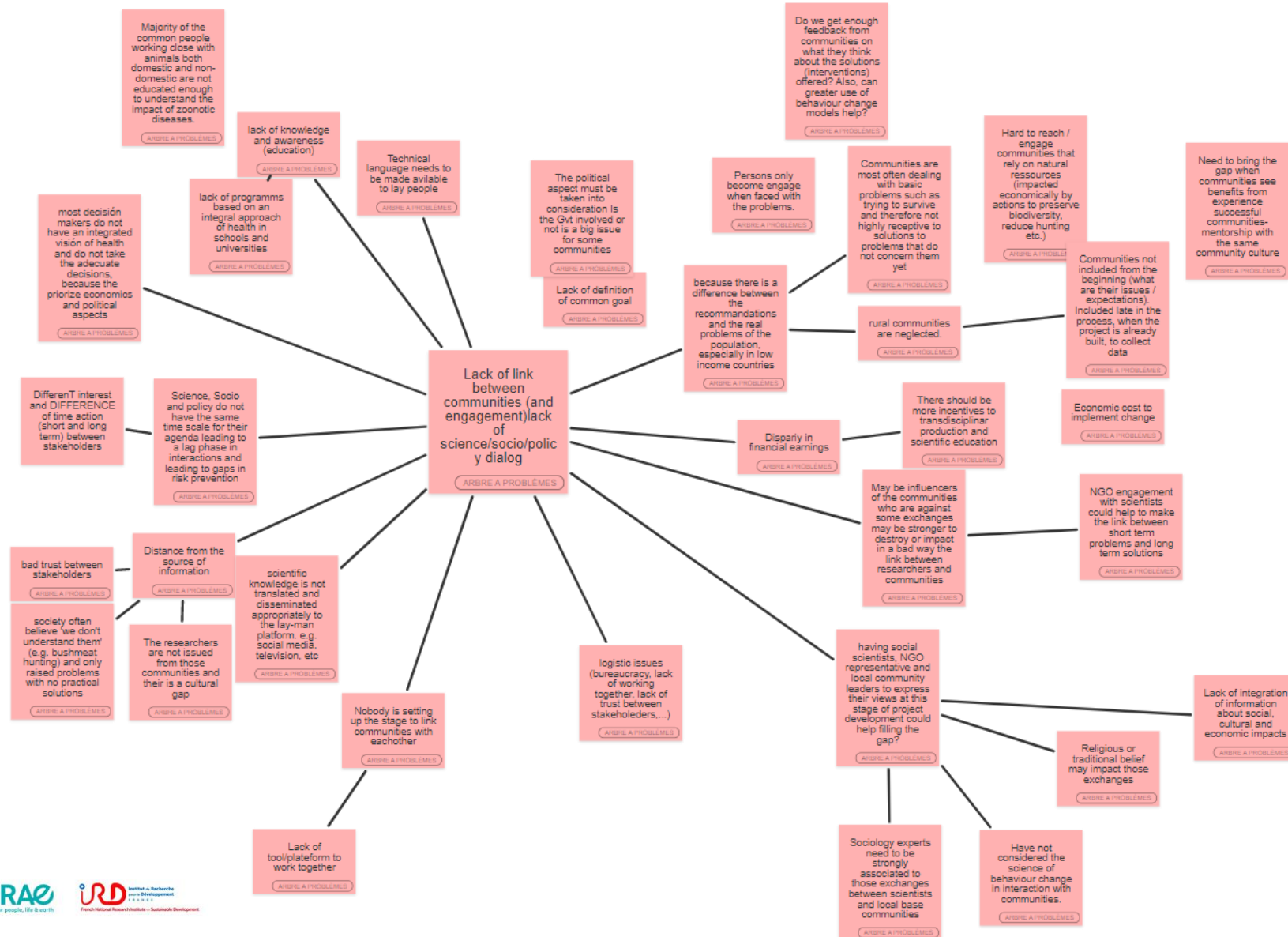
This vision was elaborate based on the brain storming session – Cf Annex 1

Obstacles / Challenges

What are the main obstacles to achieve this vision?



A first problem tree has been made with you during the workshop, about : LACK OF LINK BETWEEN COMMUNITIES / LACK OF SCIENCE-SOCIO-POLICY DIALOG



HELP US BUILD THE OTHER PROBLEM TREES by completing the Klaxoon boards...

Link to the Network : <https://app.klaxoon.com/join/XX4USRH6F>

Other trees to build :

1. Lack of risk understanding & lack of evidences
2. Problem of Empower for local researchers
3. Political issues & OH funding issues, Lack of political support
4. Lack of connection between programs and interdisciplinarity
5. Issue IN SHARING data and samples... : heterogeneity of data, lack of data sharing
6. Ethics issues
7. Lack of capacity
8. Logistic issues

Quelles Solutions?

SOLUTIONS – English Group



Actors & other initiatives

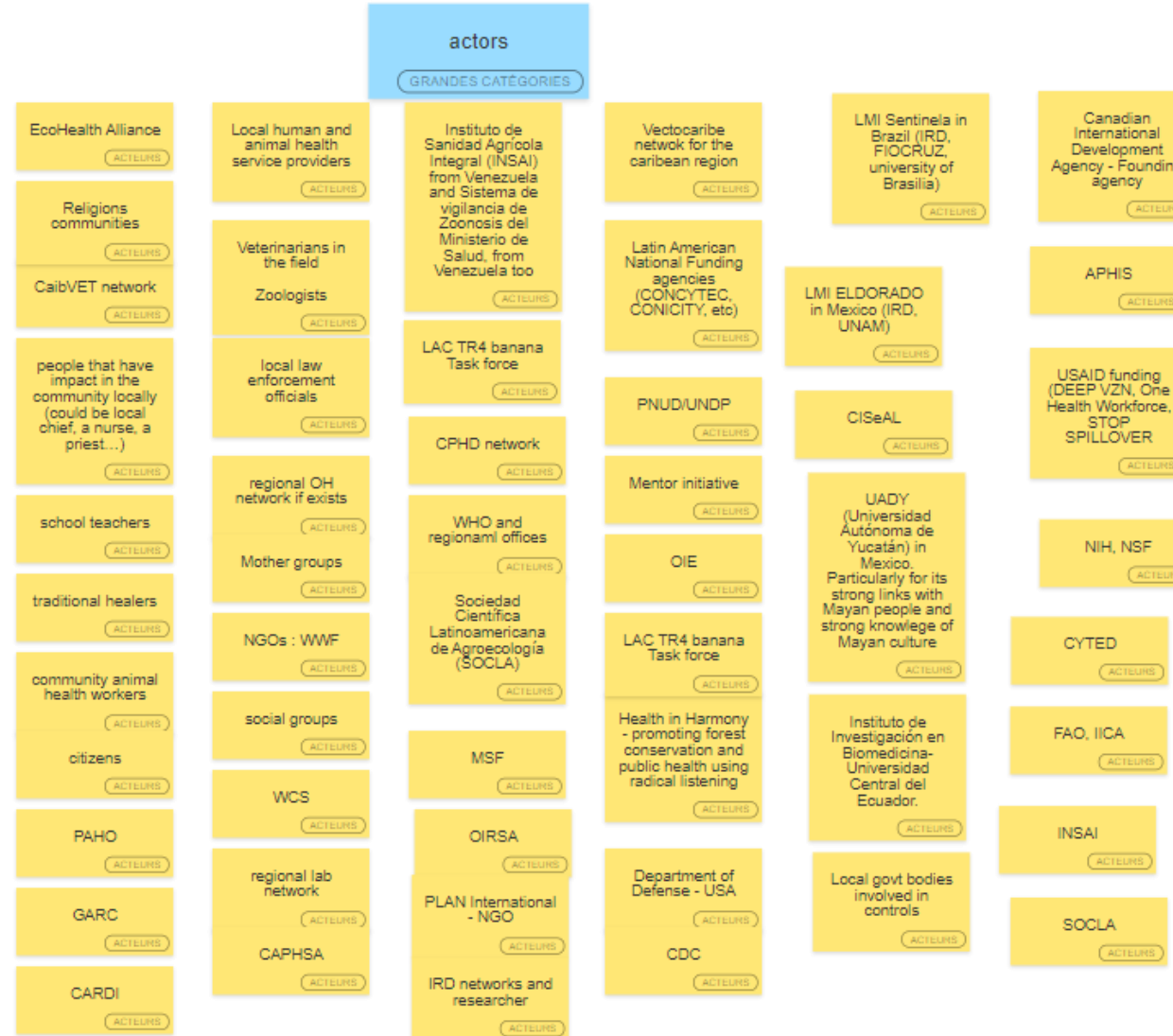
Initiatives

What other initiatives (past, present, future) deal with the same issue?

Name of the INITIATIVE	THEME	LEAD BY	REGION/COUNTRY	DATE	WEB SITE
ZODIAC initiative	Help countries prevent pandemics of diseases caused by bacteria, parasites, fungi or viruses transmissible from animals to humans. Based on a systematic and integrated approach, it will enable Member States to be better prepared and better equipped to detect and respond rapidly to outbreaks of diseases of this nature.	AIEA		Lancé en juin 2020	
Observatory of Climate and Health of FIOCRUZ (Brazil)	The Observatory of Climate and Health has its mission to gather and share information, technology, and knowledge that can help to develop networks of researchers and studies to assess the impact of environmental and climate changes on the health of the Brazilian population.		Brazil		https://climaesaude.icict.fiocruz.br/en/pagina/home
VeConVen Vector Borne Disease Control Network - Venezuela	VeConVen is a research network driven by discovering innovative approaches for vector-borne diseases surveillance and control in Venezuela and the surrounding region	UK government Global Challenges Research Fund (GCRF)	Venezuela	in progress	https://www.vbdvenezuelanetwork.com/
INSPI-Ecuador	Generate, transfer and disseminate scientific and technological knowledge in health through the execution of research, development and technological innovation; and control the quality of the results of the laboratory network, be the national surveillance and reference laboratory that provides specialized services in public health; in order to obtain evidence that contributes to the strengthening of public health policies.		Ecuador		http://www.investigacion.salud.gob.ec/
Commission for International trade in Endangered species (CITES)	CITES is an international agreement between governments. Its aim is to ensure that international trade in specimens of wild animals and plants does not threaten the survival of the species				
"One Health" university space (Quisqueya University - Haiti)					
WildHealthNet	leveraging SMART for Health to establish wildlife health surveillance on existing platforms	WCS	Cambodia, Lao PDR, and Viet Nam		
CaribGreen AFD project?	The CaribGREEN platform focuses its action on sustainable agricultural practices and their impact on the environment, in a proactive dynamic of convergence and articulation with regional veterinary (CaribVET) and phytosanitary (CPHD) public health networks.	CIRAD	Caribbean	décembre 2020 à Janvier 2022	
SISS-Geo	Coordinate the Information System on Wildlife Health (SISS-Geo) with early detection of diseases in wild animals before they affect humans	CISS (center for information on wildlife health)	Brazil		
PREDICT	PREDICT was initiated to strengthen global capacity for detection of viruses with pandemic potential that can move between animals and people. PREDICT has made significant contributions to strengthening global surveillance and laboratory diagnostic capabilities for both known and newly discovered viruses within several important virus groups, such as filoviruses (including ebolaviruses), influenza viruses, paramyxoviruses, and coronaviruses.	USAID		initiated in 2009	
Vectocaribe	improve surveillance and integrated management of vector-borne diseases on a Caribbean regional scale from a "One Health" perspective.	FSPI	Caribbean		
Museos y patógenos emergentes en las Américas - MEPA					
Asociación Latinoamericana de Veterinarios de Fauna Silvestre			Latin America		
CISEAL - Ecuador Center for Research on Health in Latin America			Ecuador		https://cisealpuce.edu.ec/en/
Governments wildlife management and conservation agency			Brazil		
One Health Lab (Fiocruz - Aveiro University)					

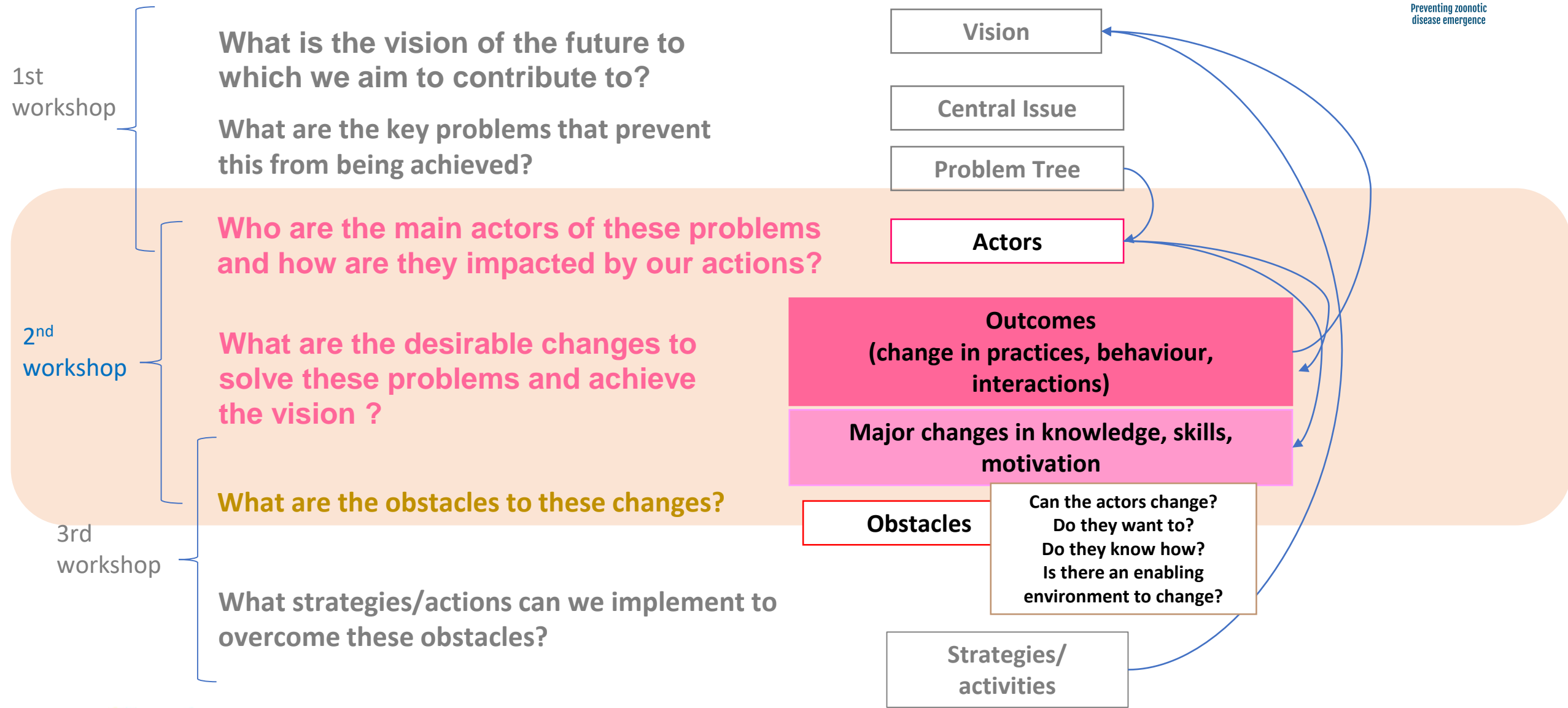
Actors

Who are the main actors impacted by this initiative



Next steps

What's next? – WORKSHOP 2 in September



BUT MEANWHILE....

SYNTHESIS

Send us your feedbacks !!

PROBLEM TREES

Please complete them
on klaxoon –
link in the email

JOIN the PREZODE ADVENTURE*

By signing the letter of intent which highlights emerging risks
issues and PREZODE values to address them

Prevention & Bottom up solutions

<https://prezode.org/Get-involved>



Preventing zoonotic
disease emergence

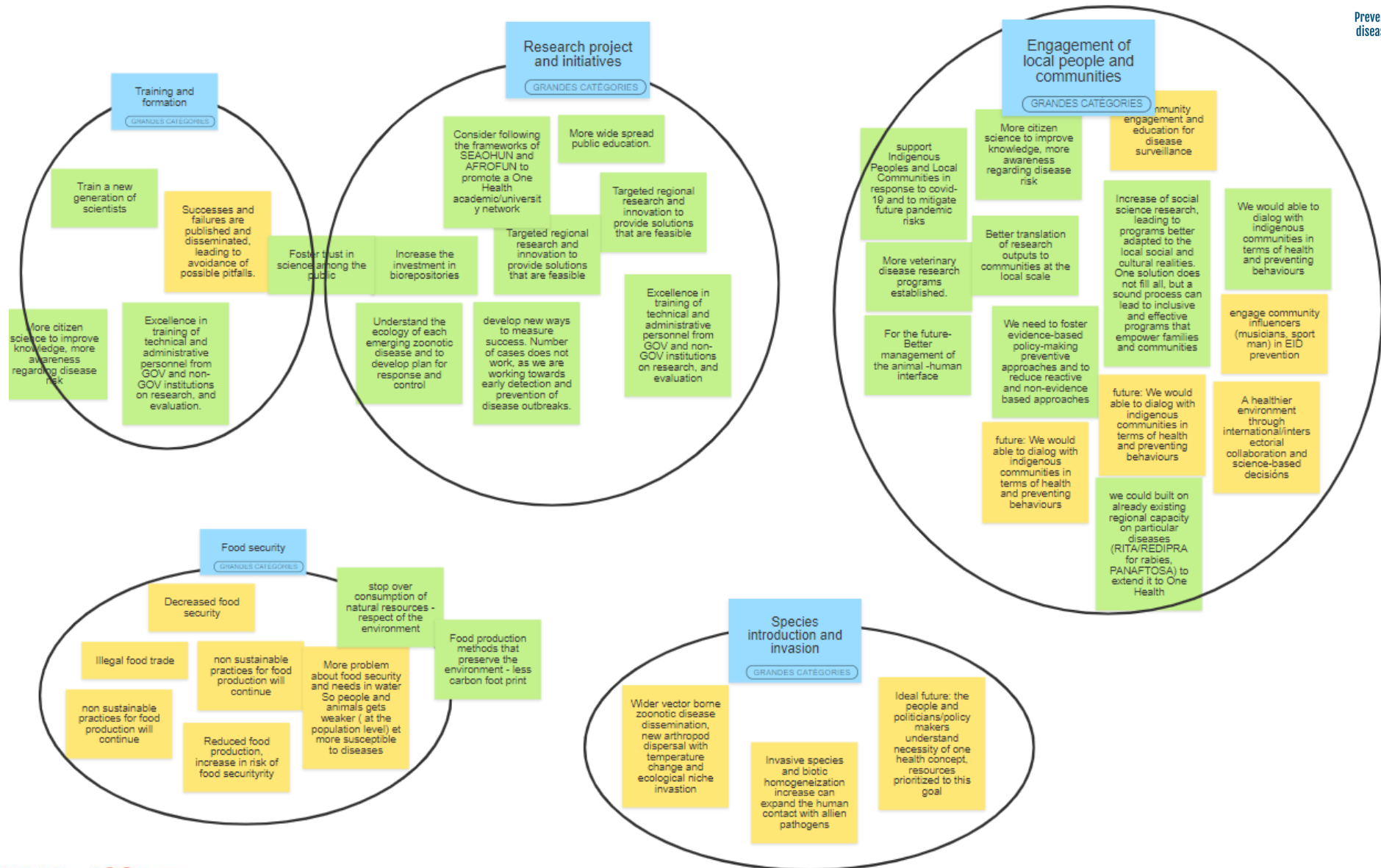
Annexes

1 . Vision

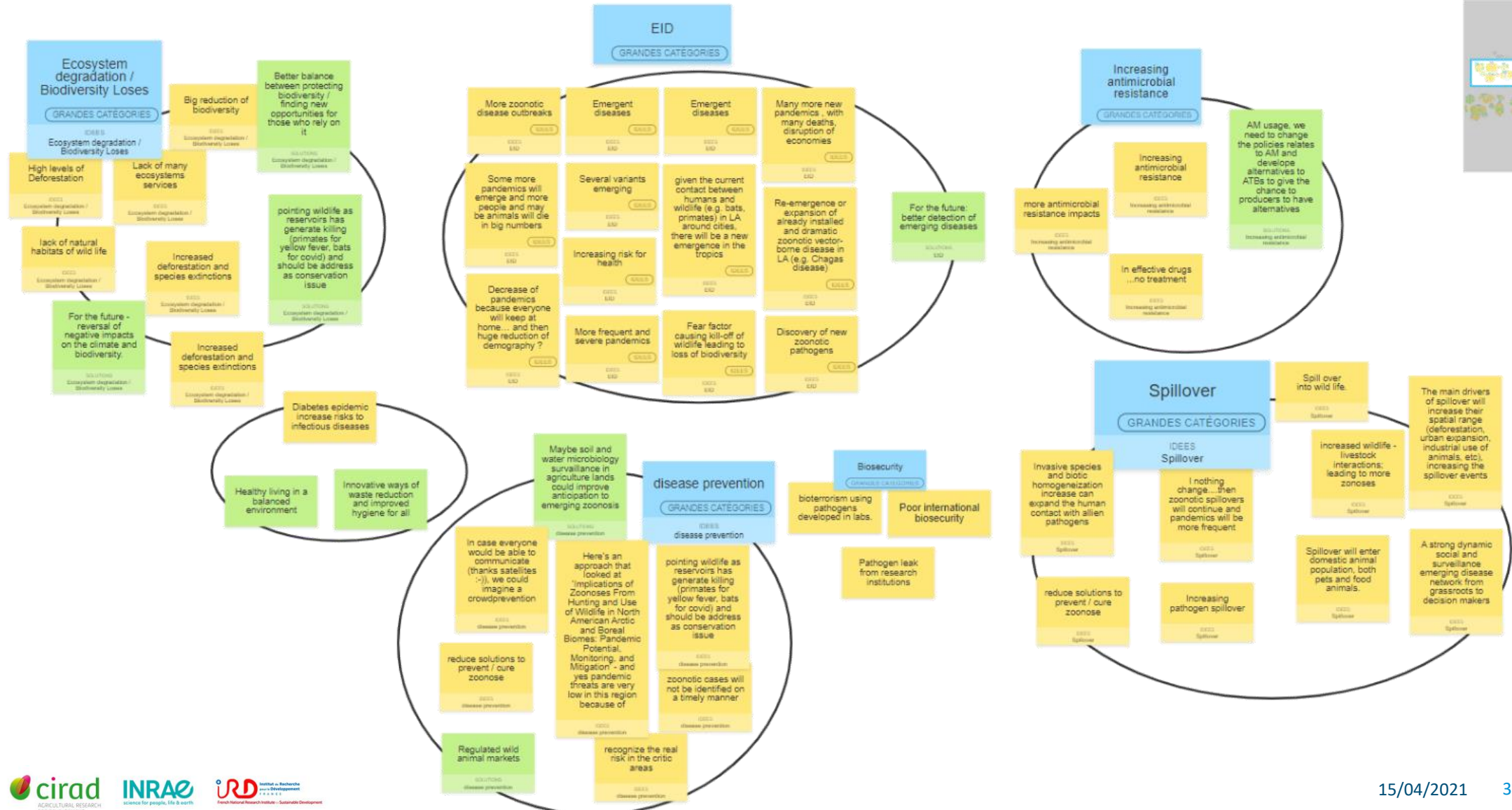
Annex 1 – Vision – What will be the situation in 10-15 years if we do nothing :



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