

# ADDRESSING CHALLENGES OF DATA MANAGEMENT IN PREZODE

---

**OHSEA WHAT'S NEXT COLLOQUIUM**

**Hanoi, Vietnam**

**Dr PAULA CACERES**

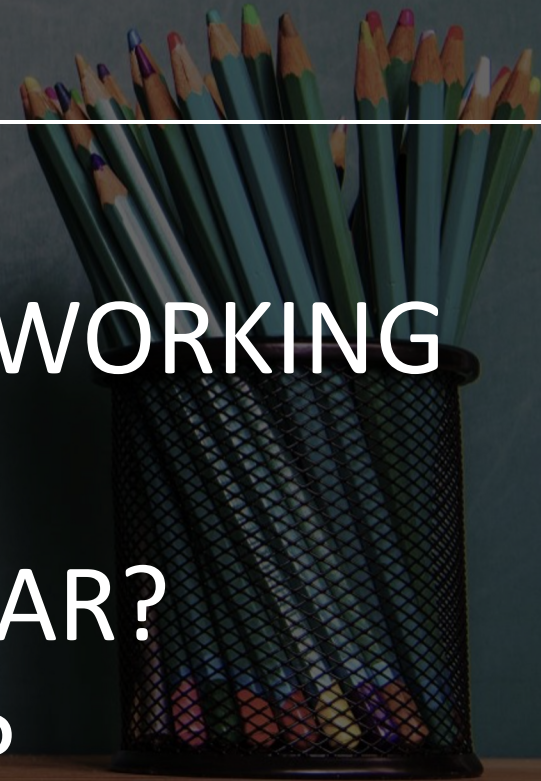
**26/04/2023**



# AGENDA

---

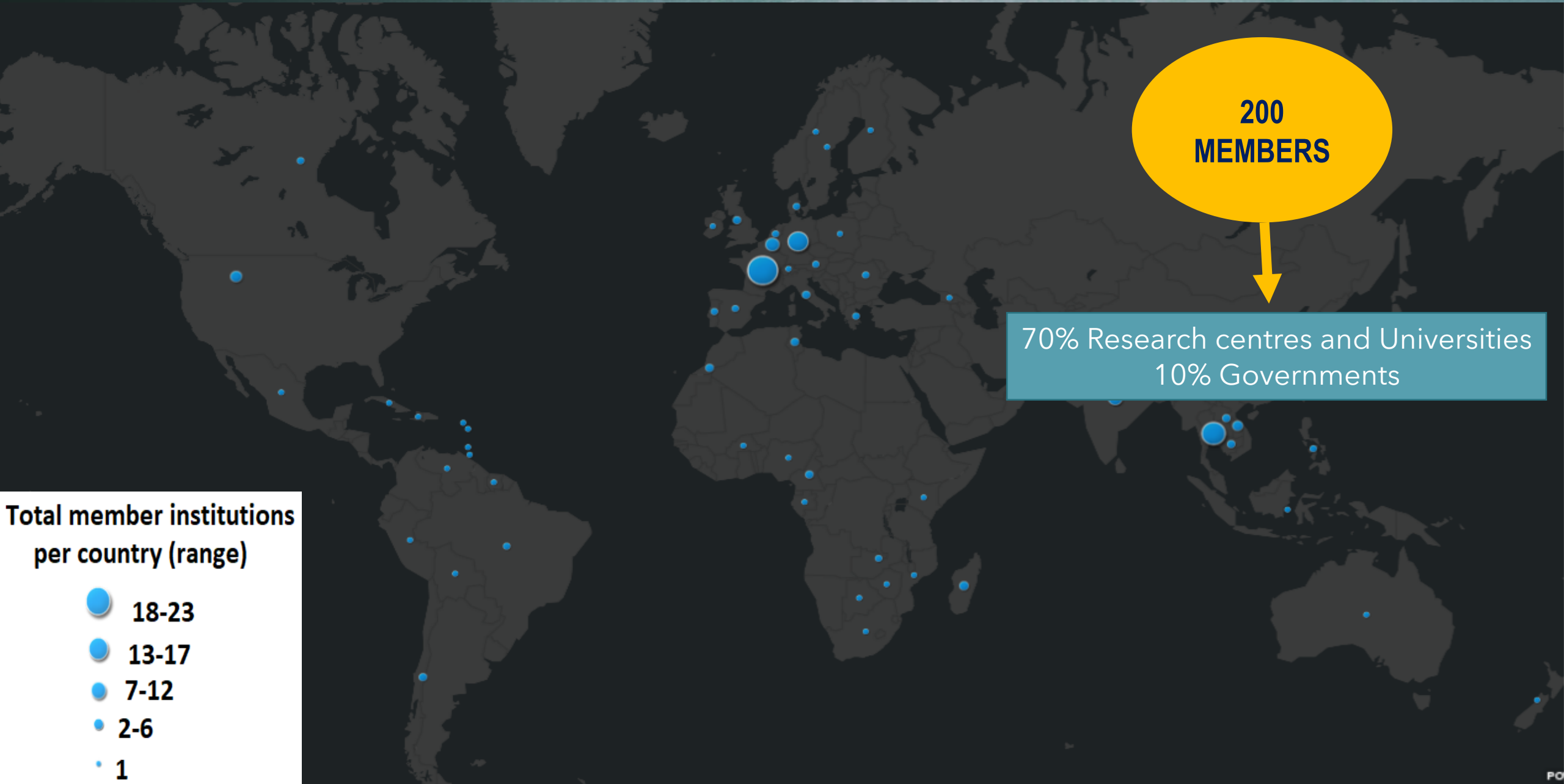
1. CONTEXT INFORMATION
2. OBJECTIVES PREZODE DATA WORKING GROUP
3. WHAT HAVE WE LEARN SO FAR?
4. WHAT ARE THE NEXT STEPS?



# 1. CONTEXT INFORMATION



# CONTEXT: PREZODE MEMBERS DISTRIBUTION

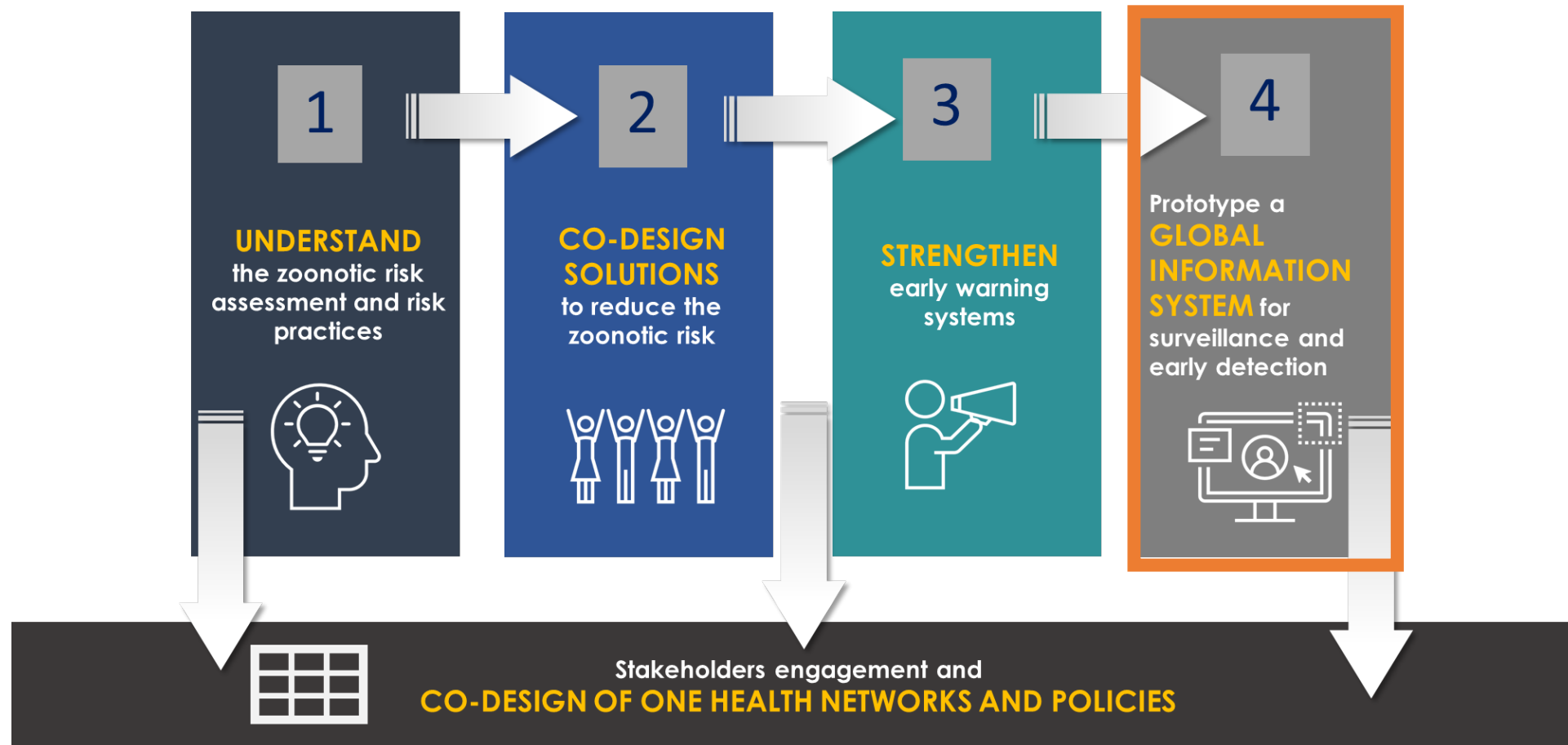


Total member institutions  
per country (range)

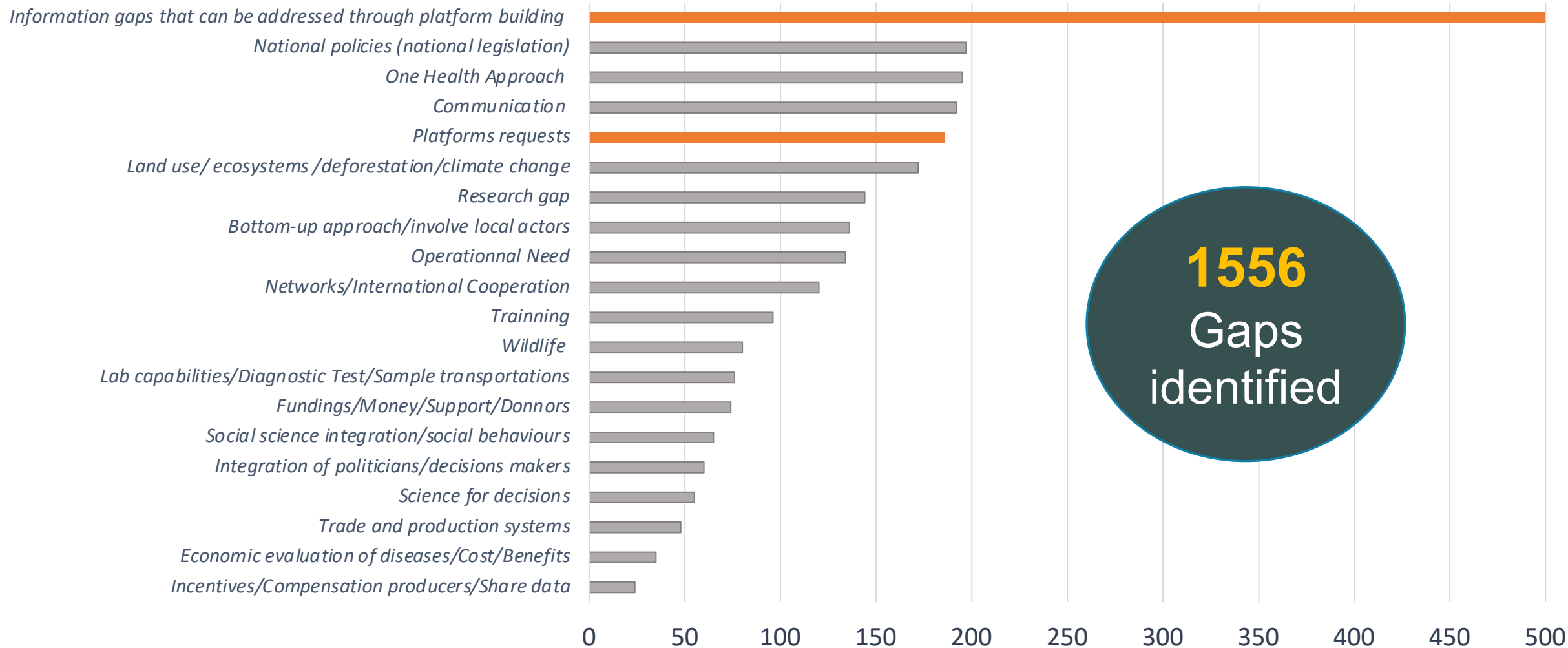
- 18-23
- 13-17
- 7-12
- 2-6
- 1

# CONTEXT: STRATEGIC AGENDA

- ❖ Co-construction workshops took place between September 2021 and June 2022
- ❖ These feedbacks helped to define the PREZODE Strategic Agenda



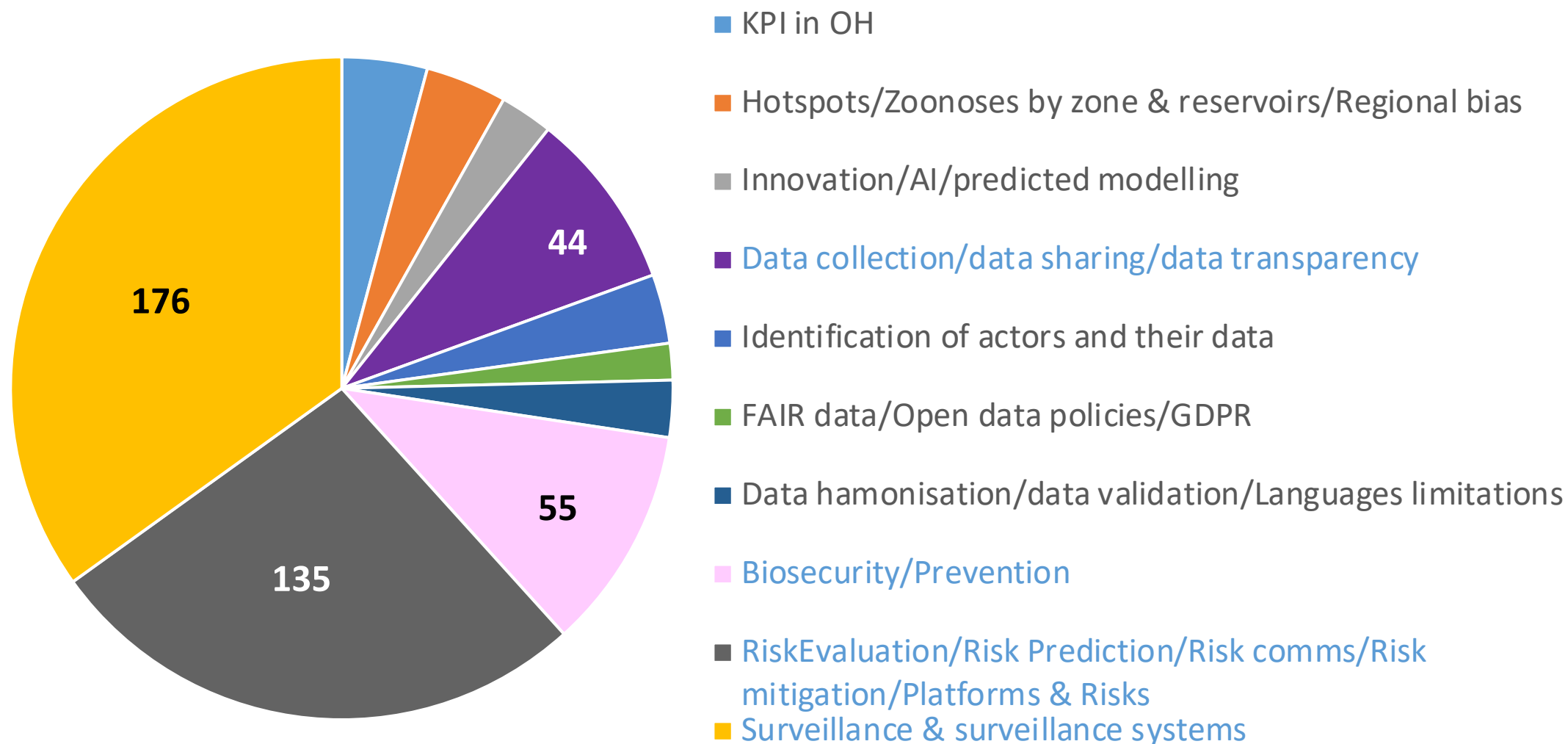
# CONTEXT: FEEDBACK CO-CONSTRUCTION WORKSHOPS



# CONTEXT: FEEDBACK CO-CONSTRUCTION WORKSHOPS

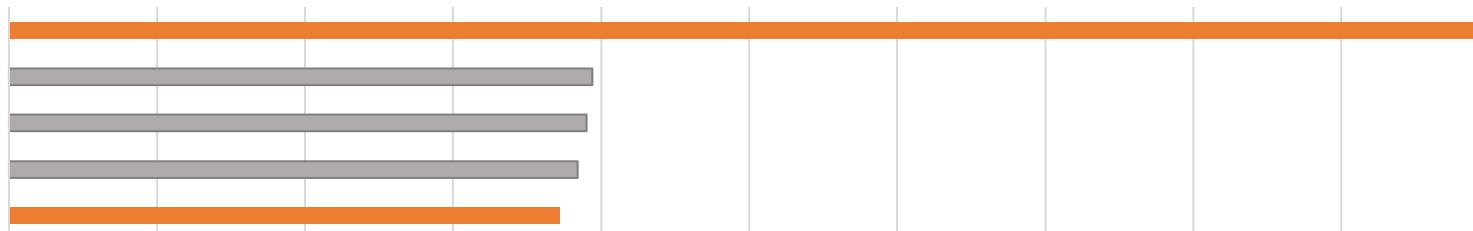
Information gaps that can be addressed through platform building

## Information gaps that can be addressed through platform building (504)

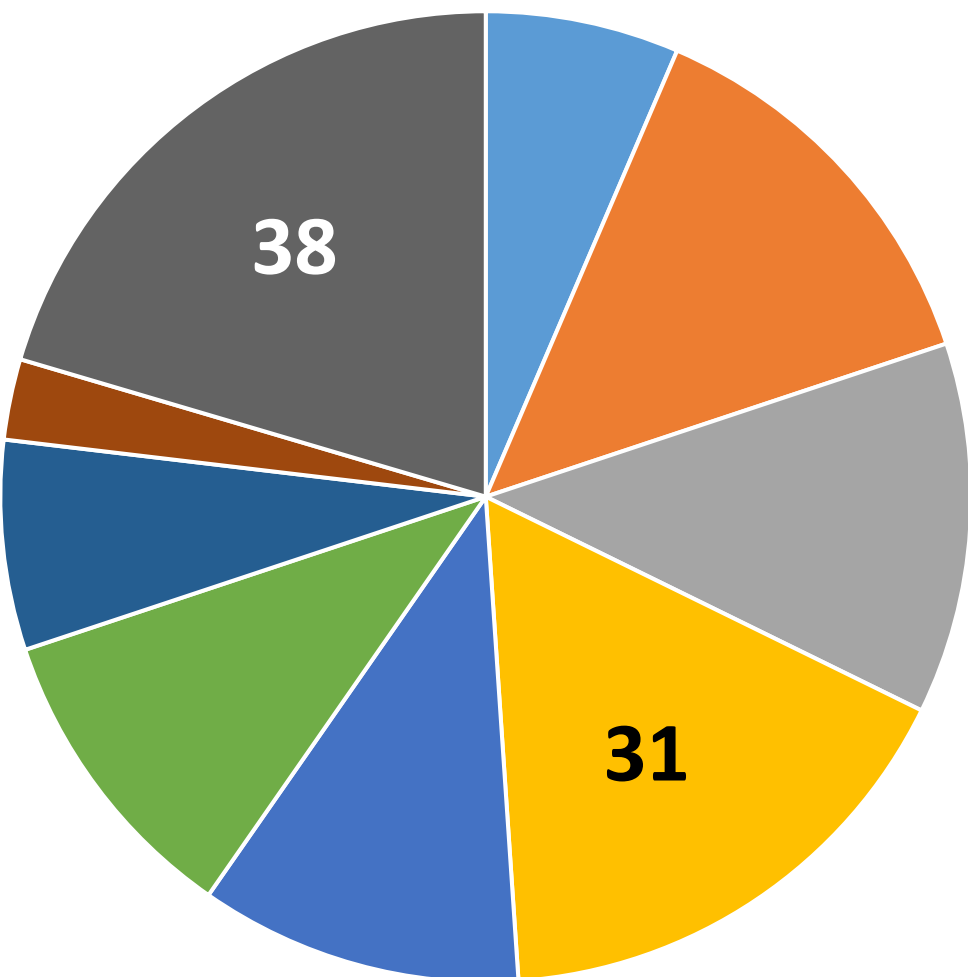


# CONETXT: FEEDBACK CO-CONSTRUCTION WORKSHOPS

Information gaps that can be addressed through platform building  
 National policies (national legislation)  
 One Health Approach  
 Communication  
 Platforms requests



- One Health platform
- Different platforms proposals/Observations to take into account
- Networks at national level/mapping actors
- Exchange of co-design of research initiatives/Pool of reviewers/People can propose projects
- Genomic data
- Predictive models/Modelling capacity
- Exchange papers/info in OH/Repository/Open Data Publication
- GIS/Mapping
- Interoperability/Observatory



**Platforms requests (186)**



# CONTEXT: PEPR PREZODE

- ❖ Priority research programmes and equipment (Programmes et équipements prioritaires de recherche, PEPR):
- ❖ 5 work packages (WP) over the next 5 years, to enable **French** research teams to develop innovative programmes in different fields.

**WP5:** Scientific coordination on zoonosis emergence prevention at national and international scale.  
This WP aims at proposing prospective studies to support decision makers.

**Action 5:** The funded projects of different WPs including the activities conducted in WP5 are expected to use and generate a wealth of data. **Data management, interoperability, and accessibility will be addressed here.**

# ESTABLISHMENT OF PREZODE DATA WORKING GROUP



# PREZODE DATA WORKING GROUP

**AGNES**



**ELENA**



**AMANDINE**



**ERIC**



**BRUNO**



**FANNY**



**XAVIER**



**SARI**



## The TEAM :

1. Amandine Cournil (IRD)
2. Manon Lounnas (IRD)
3. Serge Morand (OHHLEP/CNRS)
4. Agnès Leblond (INRAE/VetAgro Sup)
5. Eric Cahuzac (INRAE)
6. Hadi Quesneville (INRAE)
7. Xavier Bailly (INRAE/VetAgro Sup)
8. Elena Arsevka (CIRAD)
9. Bruno Rosset (CIRAD)
10. Sari Tanikawa (INRAE)
11. Pierrine Didier (INRAE/VetAgro Sup)
12. Fanny Bouyer (CIRAD/Gerdal)
13. Natacha Rousseau (CIRAD)
14. Benjamin Roche (IRD)

Research Engineers-Veterinarians-Epidemiologists-  
Anthropologists-Sociologists-Computer scientists-Ecologists-  
Parasitologists-Biologists-UX experts- Project Managers

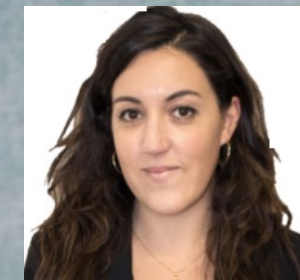
**SERGE**



**HADI**



**MANON**



**NATACHA**



**PAULA**



**PIERRINE**



**BEJAMIN**



# 2. OBJECTIVES PREZODE DATA WORKING GROUP



# PREZODE DATA WORKING GROUP'S OBJECTIVES

## PEPR PREZODE

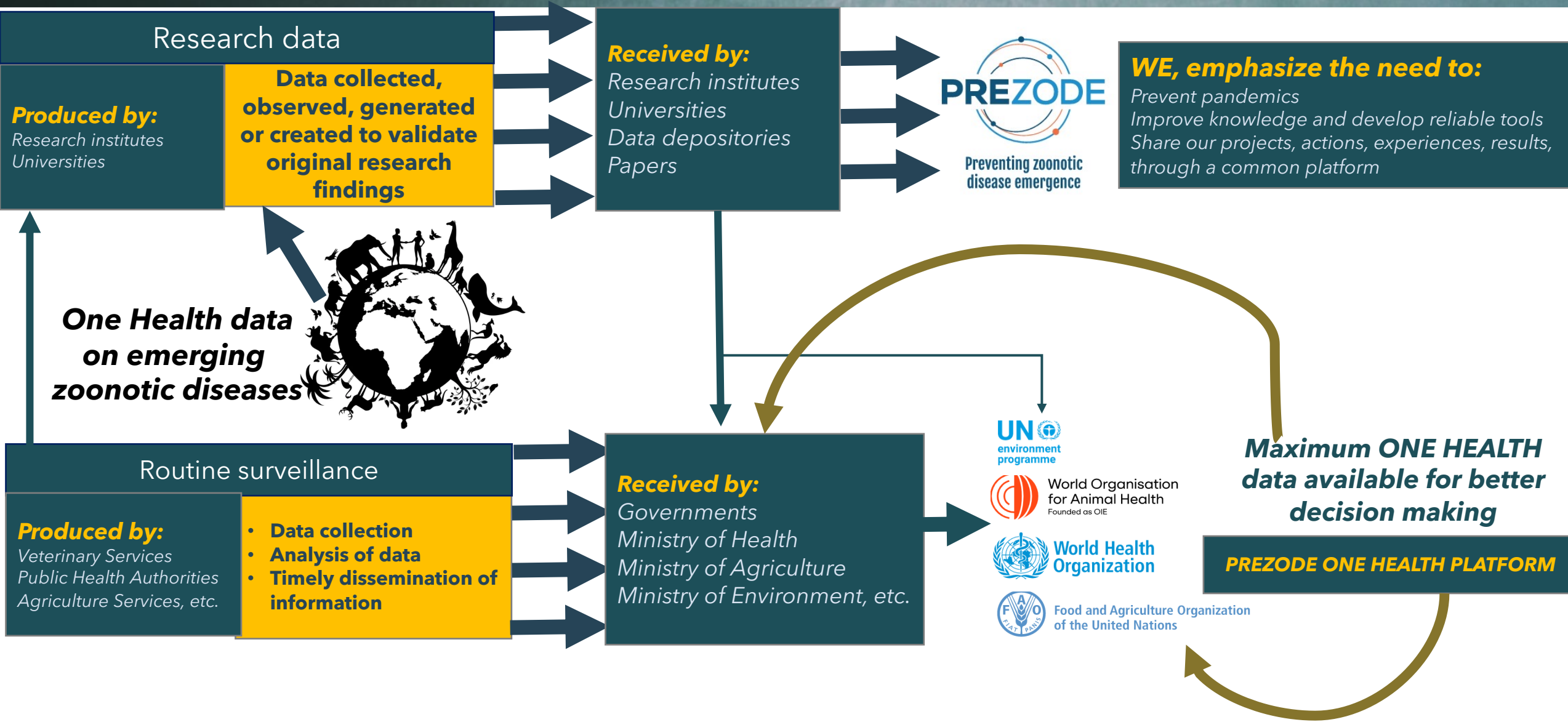
Establish a **CONCEPT** of a "solution" to manage the data generated by PREZODE projects.

Establish a platform **CONCEPT** for PREZODE, until its validation at the end of the project.

### **OBJECTIVE CONSIDERED A PRIORITY BY THE DWG**

The "PREZODE INTERNATIONAL PLATFORM" objective will be postponed, but will remain on the agenda.

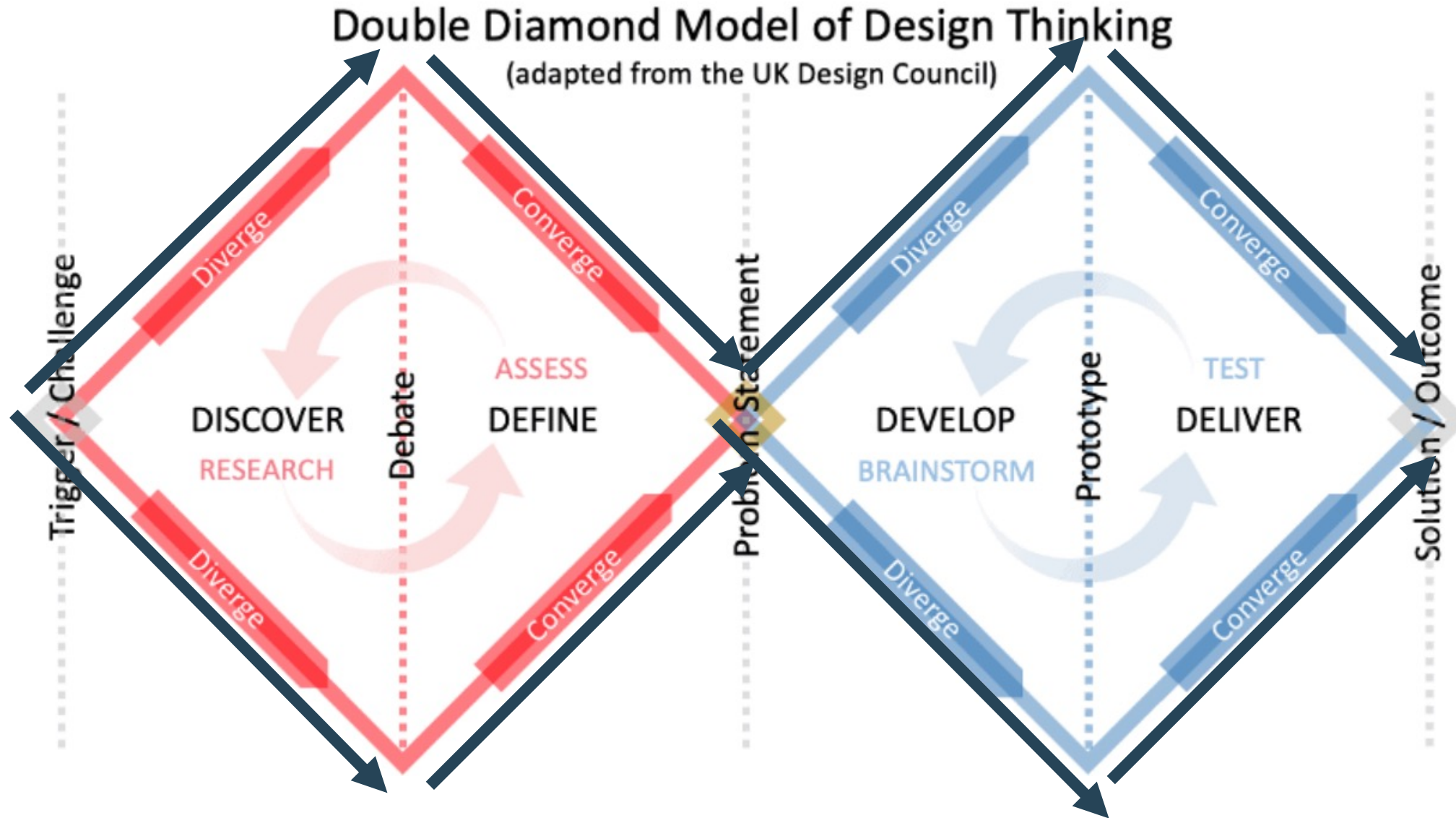
# DATA FLOW ON EMERGING ZOOONOTIC DISEASES WITH A ONE HEALTH APPROACH



# 3. WHAT HAVE WE LEARN SO FAR?



# DOUBLE DIAMOND METHOD



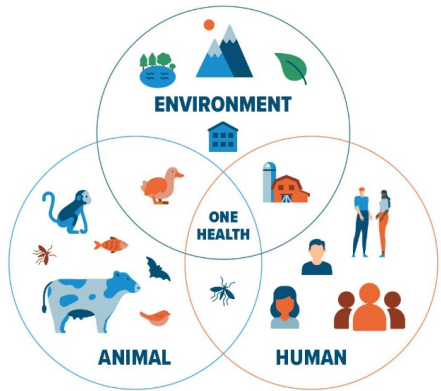




IN ADDITION TO ....

1. DWG MISSION
2. DOUBLE DIAMOND METHODOLOGY
3. SCOPE OF THE SOLUTION
4. SWOT ANALYSIS
5. THE CONTEXT OF THE DWG MISSION
6. THE CHALLENGES OF THE DWG MISSION

# WHAT WE HAVE LEARNT?



***One Health in practice:*** work with a multidisciplinary team of data management specialists.



***Working in anticipation***  
***Working in the abstract***



***This process has allowed us to:***

- Simplify and optimize processes.
- Establish questions before starting to develop a platform.
- To be open to new methodologies to meet the needs of users.
- To achieve within the DWG a common vision of working towards a common platform.

# 4. WHAT ARE THE NEXT STEPS?



# NEXT STEPS

- Develop a stakeholder map.
- Develop the interview process and analysis.
- Invite to open the PREZODE DWG at international level.



**Thank you for your attention,  
QUESTIONS?**

**Dr Paula CACERES**  
[paula.caceres@inrae.fr](mailto:paula.caceres@inrae.fr)

