Overview of ANR PREZODE

IJL PRESTO Brainstorming meeting Empress hotel, Chiang Mai April 2, 2024

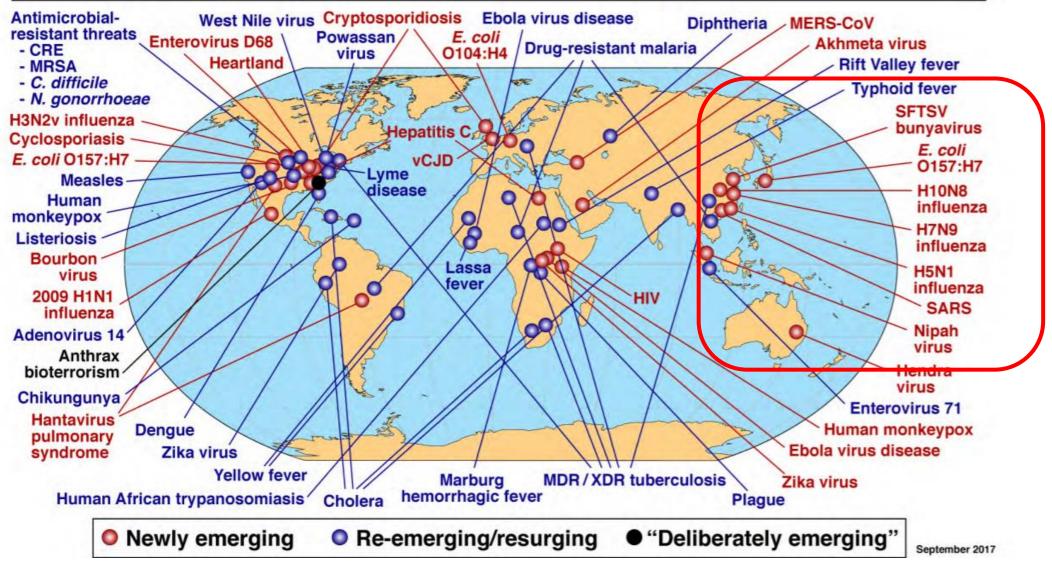








Global Examples of Emerging and Re-Emerging Infectious Diseases



PREZODE



- International initiative that aims to advance research, advocacy, and international collaborations to prevent zoonotic disease emergence.
- Led by France, under the aegis of the Ministry of Higher Education, Research and Innovation and the Ministry of Europe and Foreign Affairs.
- Launched by three French research institutes (INRAE, CIRAD, IRD) in cooperation with other research organizations, ANSES, the Pasteur Institute and the international network of Pasteur Institutes, INSERM, CNRS and CNES in France, as well as in Germany the Helmholtz, the Friedrich Loeffler Institute and Charité Institute of Virology and in the Netherlands, Wageningen University.





Pillar 1

Zoonotic risk assessment

Pillar 2

Zoonotic risk reduction

Pillar 3

Early detection and socioeconomic impact evaluation

Pillar 4

Global surveillance system of zoonotic risks

Pillar 5 – Stakeholders engagement / co-development of health networks and policies

Result 1

Stakeholders at local level understand the risks and implement actions to prevent them

Result 2

Stakeholders implement the **health and biodiversity policies** they have co-developed

Result 3

A real time **One Health** surveillance system based on user needs is operational at all levels

Result 4 The science-society-policy dialog is strong and permanent to define relevant health management strategies









ANR PEPR PREZODE Call

• ANR?

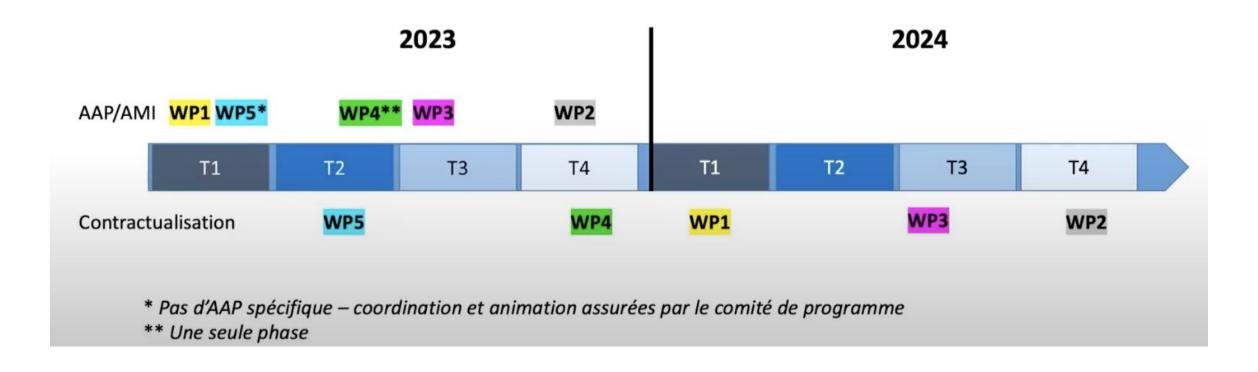
French National Research Agency

Call in 2023

- Aims to strengthen knowledge production and the development of relevant tools to define innovative strategies for risk reduction and early detection of emerging diseases.
- Divided in 5 work packages (WP).

PEPR PREZODE – call calendar





WP1: study links between anthropic activities and mechanisms of emergence

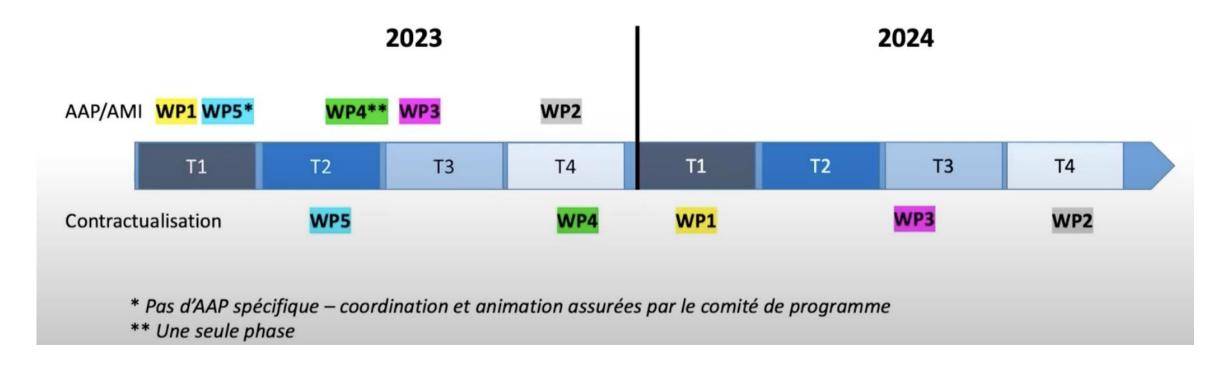
Phase 1: Letters of intent - deadline 11 April 2023

Phase 2: Projects submission - deadline 19 September 2023

Budget: 1 - 3 M€ for 3 to 5 years

PEPR PREZODE – call calendar





WP1: study links between anthropic activities and mechanisms of emergence (19 sept 2023)

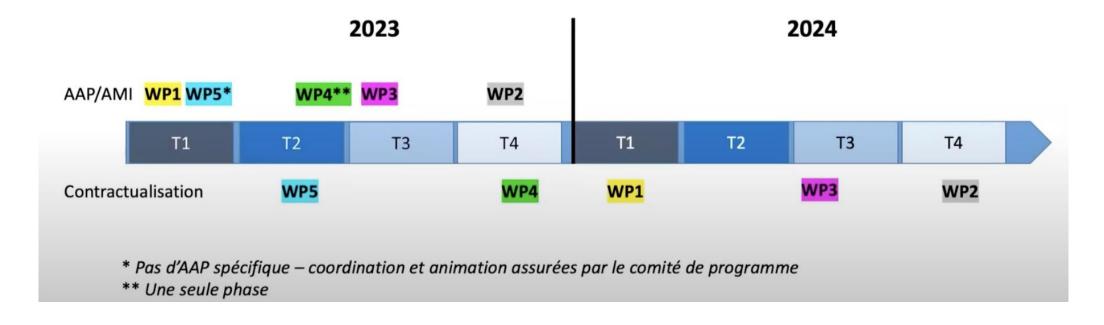
WP2: develop prevention strategies (Q4 2023) WP3: develop surveillance systems (Q3 2023)

WP4: increase capacity to detect and study zoonotic pathogens (Q2 2023)

WP5: transverse - governance and animation -

PEPR PREZODE calls for proposals scheduled for 2023

- WP2: develop prevention strategies in Q4 2023
- WP3: develop surveillance systems in Q3 2023
- WP4: increase capacity to detect and study zoonotic pathogens in Q2 2023



Priority list of pathogens

VIRUS

- Arenaviridae : Genus Mammarenvirus
- Nairoviridae : Genus Orthonairovirus
- Phenuiviridae : Genus Phlebovirus
- Hantaviridae : Genus Orthohantavirus
- Coronaviridae
- Filoviridae
- Flaviviridae : Genus Flavivirus
- Orthomyxoviridae Pneumoviridae
- Paramyxoviridae
- PoXviridae Togaviridae

BACTERIA

- Francisella tularensis tularensis
- Yersinia pestis
- Bacillus anthracis
- Burkholderia mallei

PATHOGEN X