



ANRS | MIE Scientific Days in Vietnam

Towards ending epidemics

15th to 16th of November, 2023

ANRS | MIE Overview and strategic orientations

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Director of the ANRS | MIE



From HIV/AIDS to EIDs

ANRS | MIE Evolution

1988: creation of the ANRS to evaluate, stimulate, coordinate and finance research on HIV/AIDS.

1998 : opening to LMICs to support national public health policies.

1999 : Hepatitis C enters the scope of the agency.

2005 : Hepatitis B enters the scope of the agency.

2019 : STDs and TB enter the scope of the agency.

2021 : transformation of the agency into the ANRS | Maladies infectieuses émergentes.



In response to the need to better coordinate research in the field of infectious and emerging diseases

Vision and Mission

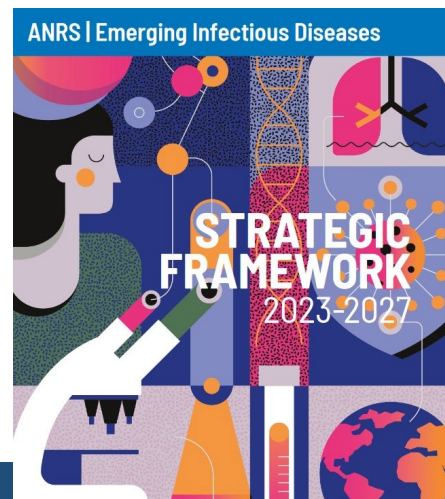
VISION

A world where HIV/AIDS, sexually transmitted infections, viral hepatitis and tuberculosis have been eliminated as public health concerns, and emerging infectious diseases no longer pose a threat.



MISSION

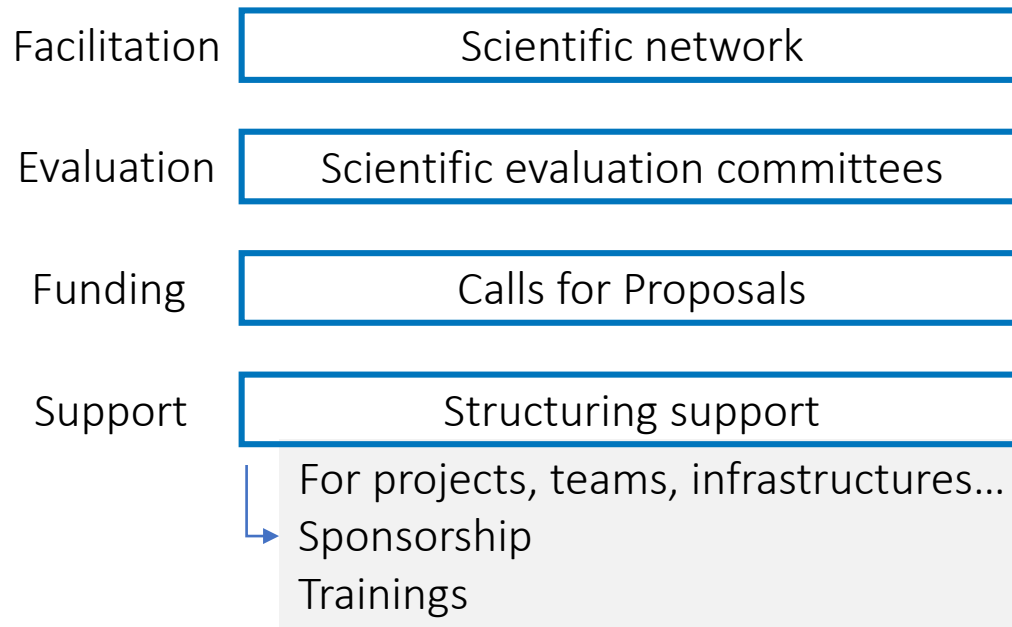
To promote and fund comprehensive research in support of elimination of HIV/AIDS, sexually transmitted infections, viral hepatitis, and tuberculosis; and for prevention, detection, and control of emerging infectious diseases.



<https://anrs.fr/wp-content/uploads/2023/08/anrs-strategic-framework-2023-2027-gb-def.pdf>

Facilitate, evaluate, support and fund research

- Impulse structuring projects
- Listen to researchers (and avoid duplication)

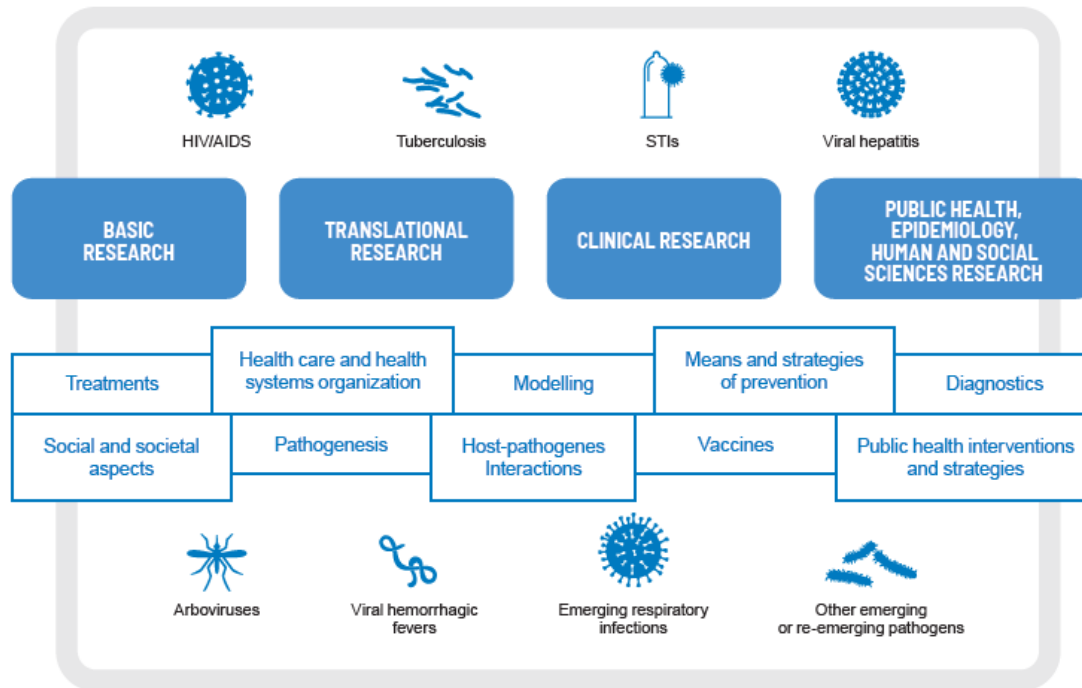


Annual budget to fund research in 2023 :

≈100M€ for France and LMICs (20%)

(was around 70 Millions € for France and LMICs in 2022)

THE AGENCY COVERS ALL THE RESEARCH DOMAINS WITHIN ITS REMIT



AN INTEGRATIVE APPROACH

« One Health »

« Global Health »

National and International scale

Identification of scientific priorities

Objective

Identify top priorities (5 to 6), for the next 2-3 years, focusing on cross-cutting themes

Method

Working group of 11 people from different parts of the world

Nominal group technique (NGT) : a structured variation of a small-group discussion to reach consensus → identify and rank themes priorities

Examples of themes to be discussed:

Vaccine conception for the different pathogens

Elimination of MTCT (HIV, HBV, congenital syphilis)

Interventional research to facilitate scaling up of interventions

Upcoming key date:

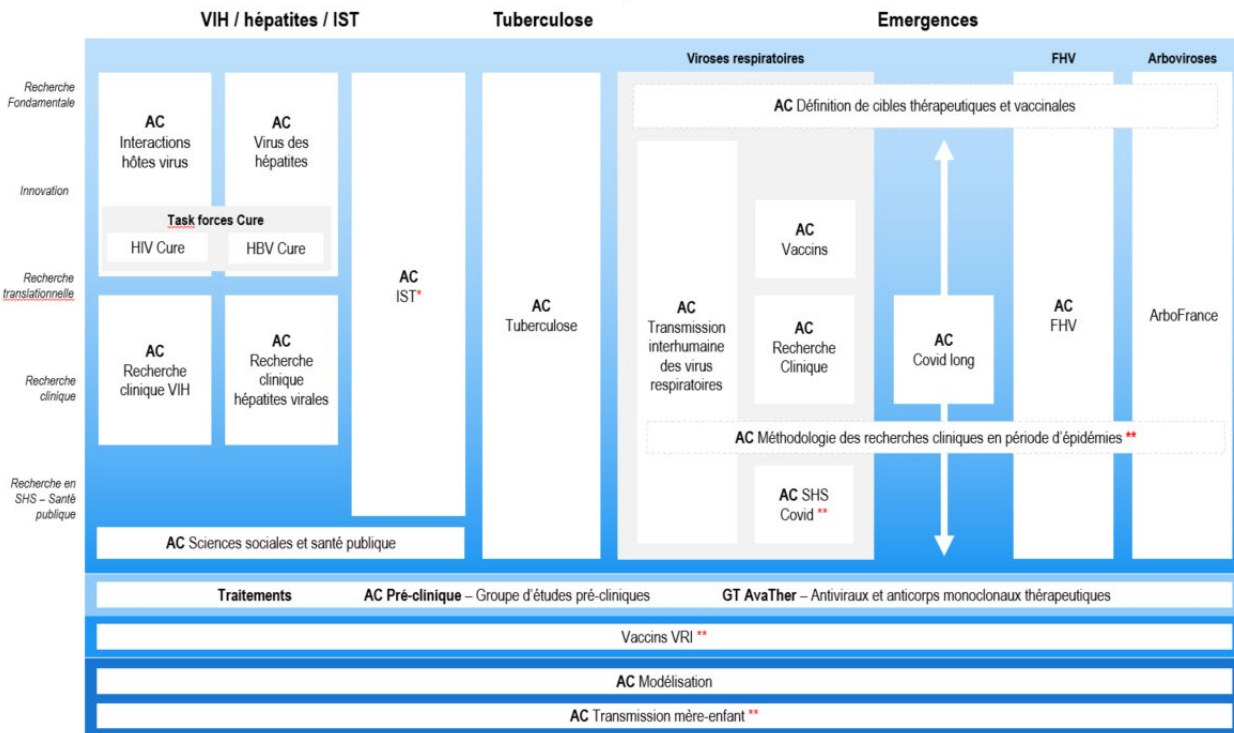
End of November : next meeting with the working group to vote the priorities



A federative agency



More than a funding agency : Impulse structuring projects

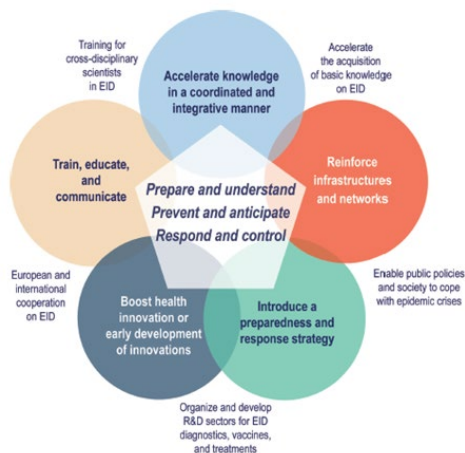


A large scientific networking to enable a dynamic of reflexion and information

Scientific work organised around task forces and working groups

Patient's representatives at the core

EID: Preparedness and Response continuum

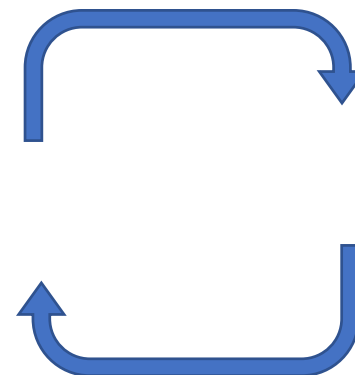


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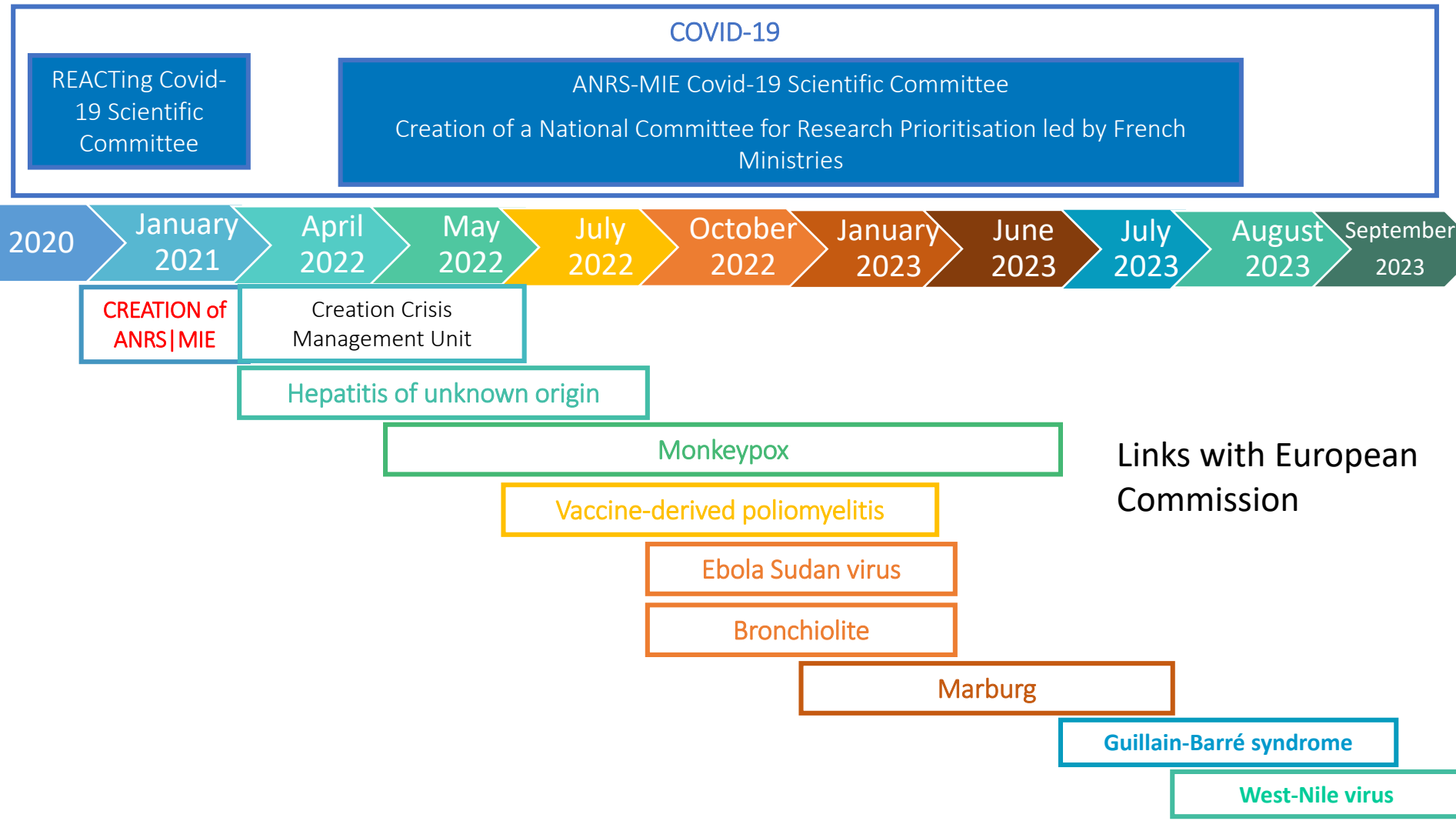
Improve the crisis response (tools, infrastructure, countermeasures)

↓

Ongoing surveillance of minor crisis for orientation towards preparedness



Crisis management Unit



A supportive agency

Sponsorship : The ANRS|MIE federate all the stakeholders and commits to support research teams both technically, administratively and legally, around

Patient safety

Data quality

Use of biobanks

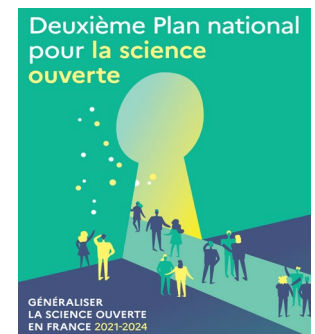
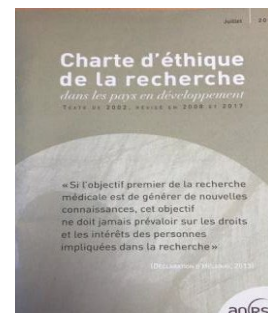
Experimental products

ANRS|MIE principles and charts

Implementation and continuous improvement of the ANRS quality system

Go beyond funding and become part of a development support policy and equitable partnerships

Open science 'as open as possible, as closed as necessary'



In 2023

2 calls for projects and PhD on HIV, Hep, STI and TB

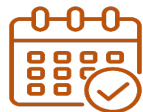
4 calls for projects and PhD on EID

4 calls for scientific meetings and books

+ Flash calls might be open at any moment in response to infectious threats.

In 2023

2 Generic calls *on HIV, Hep, STI and TB*



Twice a year
Launched in January and June



French research teams
**Foreign team(s), associated
with at least one french team**



Basic research
Clinical research
Public health
Social and human health

Research projects

Pilot studies

*Fellowships
(PhD and Post-Doc)*

ANRS | MIE funding opportunities

In 2023

4

Calls
on EID



Once
per year

PEPR-MIE



French research teams
Foreign team(s), associated
with at least one French team

➔ Launched in February



Basic research
Innovation
HSS and PH

Research projects

Fellowships

Rech-MIE



French hospital research
teams

➔ Launched in July



Clinical research

Clinical research
studies

EID LMIC



Foreign team(s), associated
with at least one French team

➔ Launched in October



Basic research
Clinical research
HSS and PH

Research projects

Pilot studies

Fellowships

ArboFrance PhD fellowships



French or foreign
Candidates in French universities

➔ Launched in April



Research on
Arbovirosis

Fellowships

Call for projects “EID PRFI” 2023

until Dec 8th

Research projects (basic, clinical, social etc..) or grants on **emerging and re-emerging pathogens presenting a high risk of triggering a natural, accidental or provoked health crisis.**

VIRUS

- Arenaviridae : Genus Mammarenavirus (Lassa virus)
- Nairoviridae : Genus Orthonairovirus (Crimean Congo Hemorrhagic Fever virus)
- Phenuiviridae : Genus Phlebovirus (Rift Valley Fever virus)

Arboviruses

Hemorrhagic fevers

Respiratory viral diseases

: Sin Nombre viruses)

Fièvre jaune & West Nile viruses)

s)

- Togaviridae (Chikungunya virus)

BACTERIES

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

PATHOGENE X

Young researchers program

Objective

To make support for young / early-career researchers a strategic priority

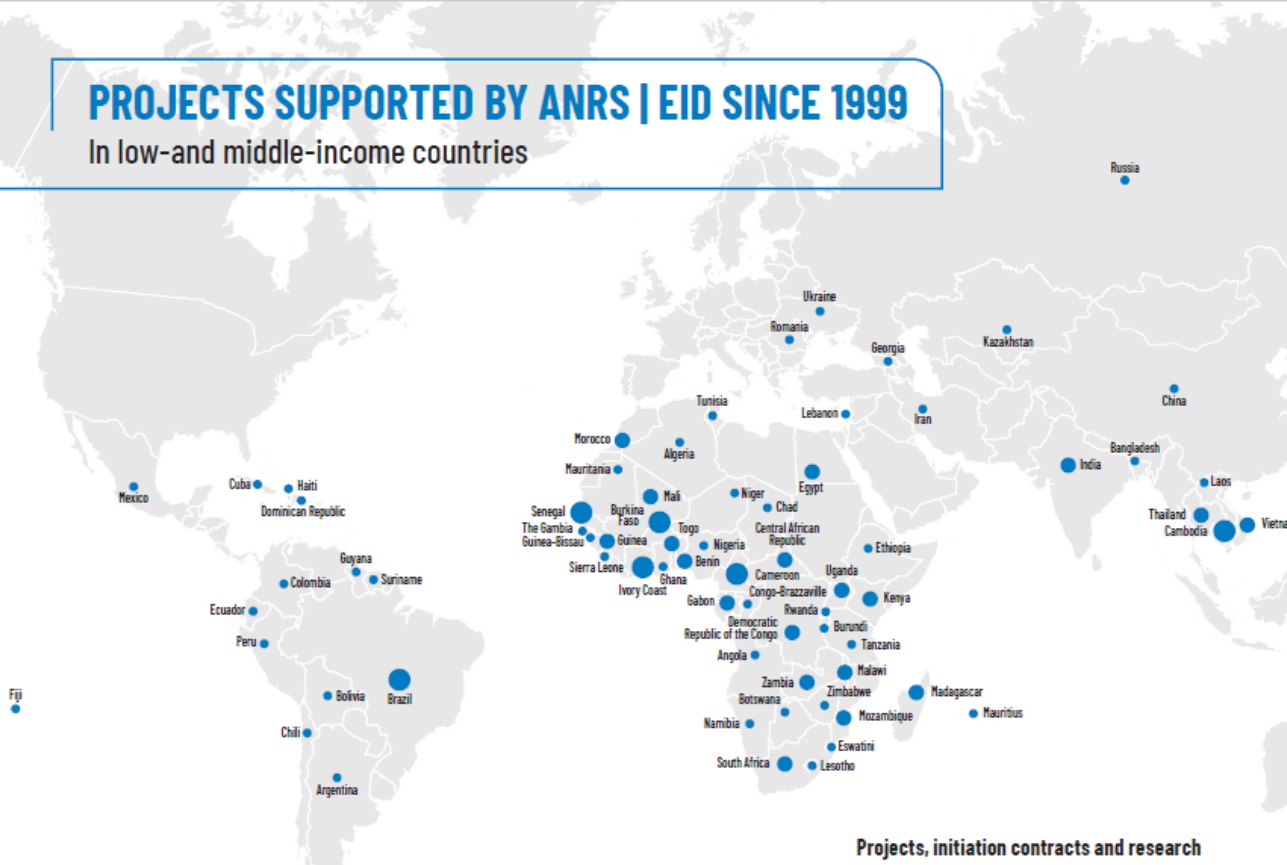
- Fellowships, to support PhDs and post-docs
- Grants, to fund research projects: supporting early-career researchers in setting up in established laboratories, to develop their own research themes. Different grants targeting different phases of the early career.
- Support and guidance to the early-career researchers; facilitating their networking and collaboration (scientific meetings, themed workshops, summer school, etc.).



ANRS | MIE in LMICs since 1999

PROJECTS SUPPORTED BY ANRS | EID SINCE 1999

In low-and middle-income countries



44 in Vietnam

24 on HIV, 8 on tuberculosis

5 on viral hepatitis, 3 on SARS-CoV-2

Projects, initiation contracts and research grants supported by country

- Less than 10
- Between 10 and 50
- More than 50

432
Projects supported

123
Research grants

48
Initiation contracts

Research projects conducted by both French and foreign research teams and research grants awarded to young foreign researchers.

Projects supported by funding and/or sponsorship from ANRS | EID

OUR SCIENTIFIC SCOPE

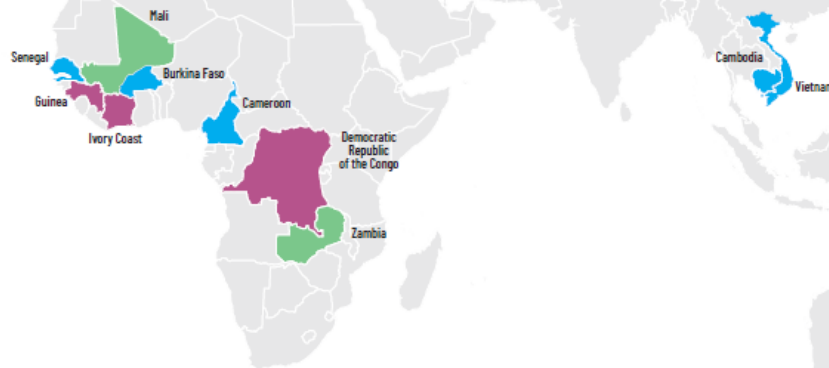
HIV/AIDS, viral hepatitis, sexually transmitted infections, tuberculosis and emerging and re-emerging infectious diseases

OUR RESEARCH AREAS

Basic, translational and clinical research, public health, and human and social sciences

ANRS | MIE international network

PARTNERSHIPS WITHIN THE INTERNATIONAL NETWORK



Equal partnerships co-created with national keyplayers since the 90's



- Partner Site
- International Research Platform In Global Health (PRISME)
- Ad hoc Partnership

PARTNERSHIPS

IVORY COAST



PAC-CI Association / MEREVA
Binational Franco-Ivorian
Methodology and Management
Center
MoH, MoER, MoF
University of Bordeaux, Inserm,
IRD, French Embassy

GUINEA



Infectious Diseases Research
and Training Center of Guinea
(CERFIG)
MoH, MoER
Gamal Abdel Nasser University
of Conakry
University of Montpellier, Inserm,
IRD

DEMOCRATIC REPUBLIC OF THE CONGO



National Institute for
Biomedical Research (INRB)
MoH, MoER
University of Kinshasa,
University of Montpellier, Inserm,
IRD, French Embassy

BRAZIL



MoH

BURKINA FASO



Muraz Center (INSP) /
International Health Research
Center (Joseph Ki-Zerbo
University)
MoH

CAMBODIA



University of Health Sciences/
Institut Pasteur du Cambodge
MoH
French Embassy

CAMEROON



Coordination and Research
Center based at Yaoundé
Central Hospital / Center for
Research on Emerging and Re-
emerging Diseases (CREMER)
MoH, MoER
French Embassy

SENEGAL



Regional Research and
Training Center on Infectious
Diseases at Fann University
Hospital (CRCF)

VIETNAM



Vietnam Authority of HIV/AIDS
Control (VAAC) / Hai Phong
Medical University
Hanoi Medical University
IRD

MALI



Bamako Integrated Center for
Research, Care and Community
Action – ARCAD Santé Plus
Association

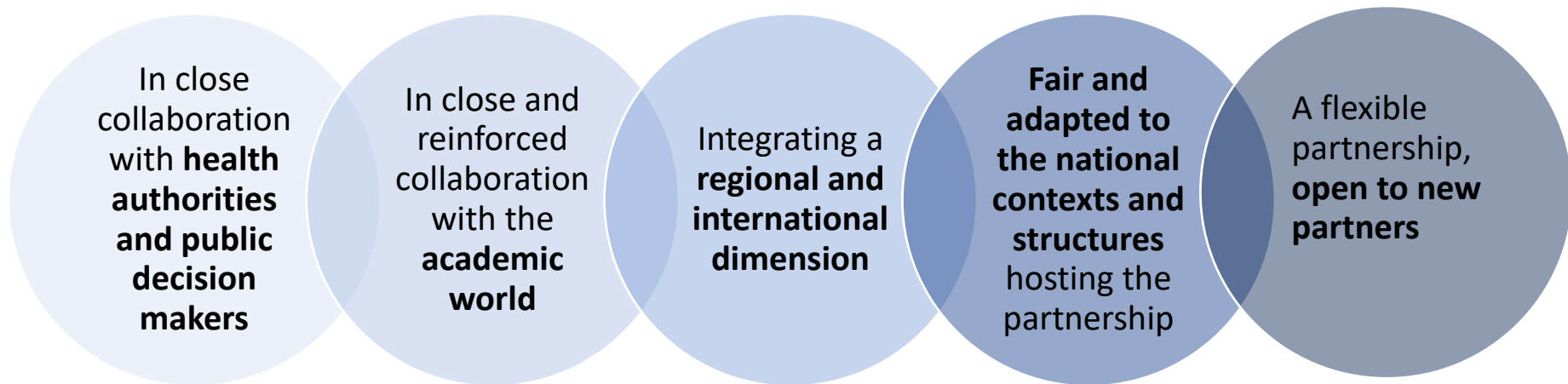
ZAMBIA



University Teaching Hospital

MoH (Ministry in charge of Health) / MoER (Ministry in charge of Higher education and Research) /
MoF (Ministry in charge of Finances)

A research continuum from the identification of research priorities to the appropriation of results by public health programs



Federate within a single virtual platform, piloted by a national management, all existing partners and research initiatives that **respond to global health issues in a partner country**

Other international networks and alliances

Strategic partnerships

MoU

MoU with VIH Hep IST dpt.
Ongoing with TB dpt

Board member (E. D'Ortenzio since 2022, Y. Yazdanpanah from 2019 to 2022)

Founding member,
Y. Yazdanpanah, vice chairman of the Board

Membre

Member

MoU ongoing

with upcoming calls for projects

MoU

Board member (Yazdan Yazdanpanah)
Working groups member

MoU

Other initiatives (structuring)

Supporting scientific events

CẢM ƠN

