



# The GloPID-R initiative

Global research collaboration for infectious disease preparedness

*Anticipating future infectious disease outbreaks*

Hubert P. Endtz (Fondation Mérieux)



# Lesson learned



There is **no common platform** for research **funders** to rapidly channel the necessary funds for an effective research response

# A vital necessity

- **Research and innovation** are needed at the outset to develop essential diagnostics, vaccines and therapeutics
- It is important to **think, plan and invest** in research and innovation in anticipation of a major health crisis

# A novel solution

## **GloPID-R:** “Global Research Collaboration for Infectious Disease Preparedness”

- EU funded initiative driven by health professionals, scientists and other stakeholders under HORIZON 2020
- The **only initiative** of its kind to bring together research funders and coordinate their response to epidemics at a global level
- **Main goal:**  
To ensure a collaborative global research response **within 48 hours**, at the outset of an epidemic of pandemic potential

# Preamble

2013

- The Heads of International Research Organisations (HIRO) agree to create an initiative to facilitate international collaboration between funders in the field of new and reemerging epidemics
- European Commission and international funders launch the “Global Research Collaboration for Infectious Disease Preparedness” (GloPID-R) → **October: First GloPID-R meeting in Annecy**

2014

- **October: Second GloPID-R meeting in Montreal** -10 founding members agree on a charter outlining GloPID-R’s goals and governance

2015

- **January: a Secretariat is established** to support GloPID-R members and goals (funded by the EU Horizon 2020 programme) consortium of Fondation Mérieux (for AVIESAN) and University of Oxford (for ISARIC).
- **May 4-5:** Third GloPID-R meeting in Cape Town – Mexico, Germany and Argentina new members

# GloPID-R objectives

- Facilitate **exchange of information**
- Address scientific, legal, ethical and financial **challenges**
- Implement a '**One Health**' **approach** with close cooperation between human and animal health researchers
- Establish a **strategic agenda** for research response
- Connect infectious disease **research networks**
- Actively involve **developing countries**

# GloPID-R members

Uniting research funders worldwide,  
with active engagement of developing countries



# GloPID-R members



Canadian Institutes of Health and Research (CIHR) – **Canada**



Consejo Nacional de Ciencia y Tecnología Mexico – **Mexico**



European Commission- DG Research & Innovation – **European Union**



Federal Ministry of Education and Research (BMBF)/PT-DLR - **Germany**



INSERM/IMMI - Institut de microbiologie et des maladies infectieuses - **France**



Instituto Butantan and Instituto Fiocruz – **Brazil**



Instituto de Salud Carlos III – **Spain**



Japan Agency for Medical Research and Development – **Japan**



Ministry of Science, Technology and Productive Innovation - **Argentina**



National Health and Medical Research Council – **Australia**



National Research Foundation of Korea - **South Korea**



South African Medical Research Council - **South Africa**



Thai National Institute of Health, Department of Medical Sciences - **Thailand**



U.S. Department of Health and Human Services – **USA**



# How ? <sub>(1/2)</sub>

- GloPID-R aims at facilitating a global research response through **research, communication and policy development** during **inter-epidemic periods**, by the establishment of a strategic agenda and a readiness plan:
  - > Bring together all **funders and stakeholders** whose involvement is crucial to the facilitation of a comprehensive and rapid global outbreak response
  - > Identify **existing weaknesses** that prevent a timely and efficient outbreak response
  - > Drive a process to **overcome gaps and obstacles**, identify concrete actions and build collaborative solutions

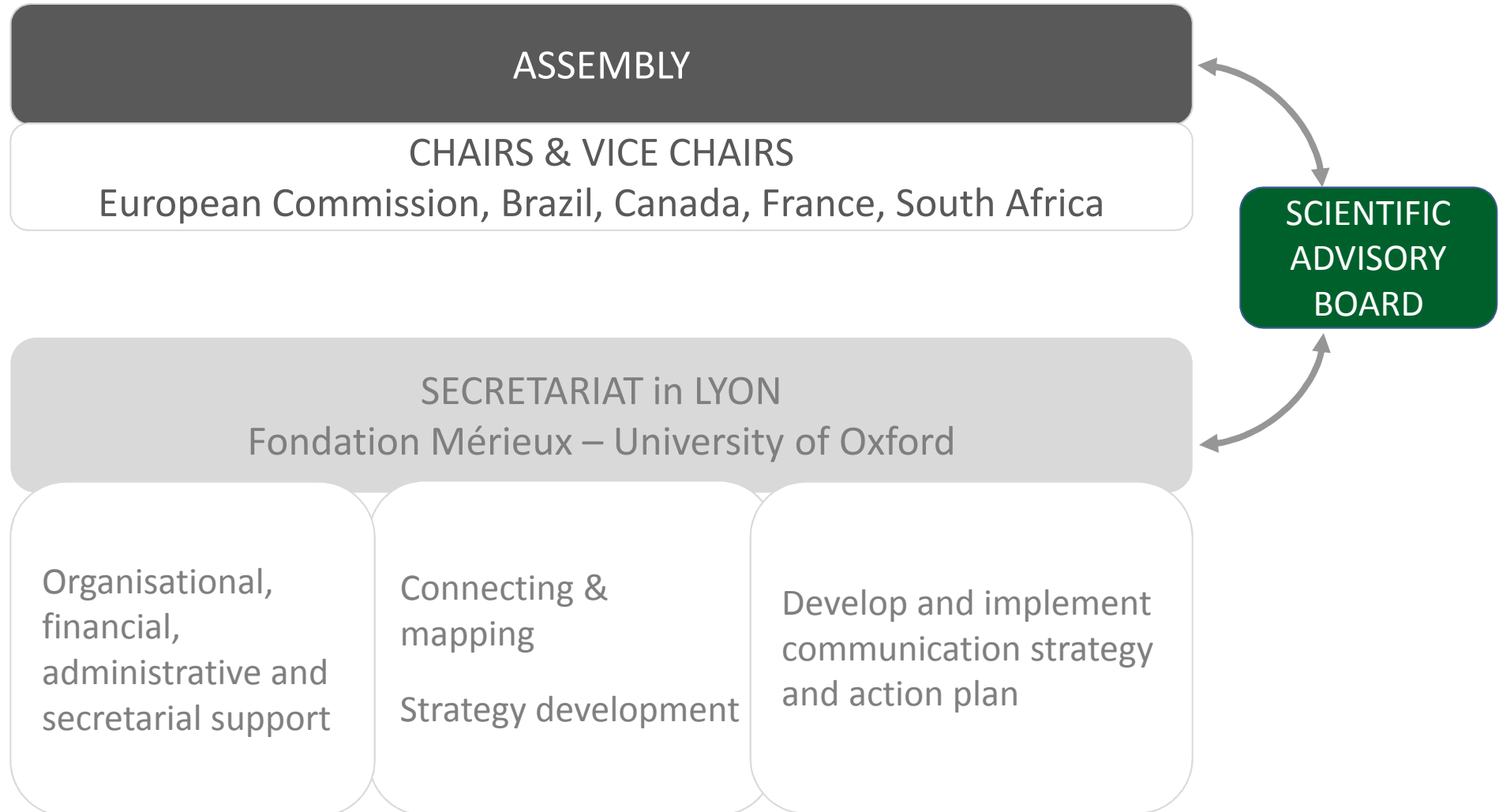
# How ? (2/2)



- A **Permanent Secretariat**, managed by Fondation Mérieux (for the AVIESAN network) and the University of Oxford (for the ISARIC network), **drives the process to overcome gaps and obstacles, identify concrete actions and build collaborative solutions**
- > **Supporting the members**, chair and vice-chairs in the organization and implementation of decisions of Glolid-R assembly
- > **Mapping and identifying the challenges\*** that can impact a rapid and coordinated response to an epidemic
- > Establishing and implementing a strategic agenda and a readiness plan to **address** these challenges
- > **Connecting existing research networks** and building new ones to ensure global coverage/expanding them globally

\* Main challenges are: scientific, financial, logistical, legal, regulatory and ethical

# GloPID-R organisation



# Main outputs and deliverables

- Multi-annual work programme for 2015-2020
- Inventory of the relevant scientific networks with a record of their capacity and capability
- Inventory of relevant funders & funding opportunities
- Identify gaps and barriers: analysis and solutions
- Case study on Ebola outbreak (funders perspective)
- GloPID-R strategic agenda and readiness plan
- Inventory of relevant funders & funding opportunities
- Annual dissemination reports

# Concluding remarks

- Network of funders
- Aims to facilitate a global research response
- Must have a mechanism in place to
  - recognize significant outbreaks
  - assess the necessity of a rapid research response
  - respond and act appropriately

# Glopid-R response

- Scope and scale will vary according to the potential threat of ID events
- Three response modes are being drafted:
  - Preparedness mode
    - Day-to-day mode during interpandemic period
  - Mobilization mode
    - Mobilizing funders, networks, drafting funds and rapid reviews
  - Response mode
    - Disseminating funds, active engagement with networks

# Contact secretariat

- [www.glopid-r.org](http://www.glopid-r.org)
- Fabien Quintard (coordinator)
  - [fabien.quintard@fondation-merieux.org](mailto:fabien.quintard@fondation-merieux.org)
  - [sandrine.dubois@fondation-merieux.org](mailto:sandrine.dubois@fondation-merieux.org)
- Menno de Jong (scientific coordinator)
  - [m.d.dejong@amc.uva.nl](mailto:m.d.dejong@amc.uva.nl)
- Hubert Endtz (scientific coordinator)
  - [hubert.endtz@fondation-merieux.org](mailto:hubert.endtz@fondation-merieux.org)