



Coordinating One Health research funding globally

The importance of international research (funding)

- One Health is intrinsically **global** and **transdisciplinary**
- Focused less on blue-sky research but on problem-solving

Role for funders?

Need to rethink funding architecture to enable research without borders (geographical, scientific, sectoral)

Current challenges include:

- Restrictions on funding researchers in another country
- Focus on project-based research not infrastructure
- Tenure of grants often not long enough and not renewable to develop and sustain complex research consortia
- Little alignment across funders

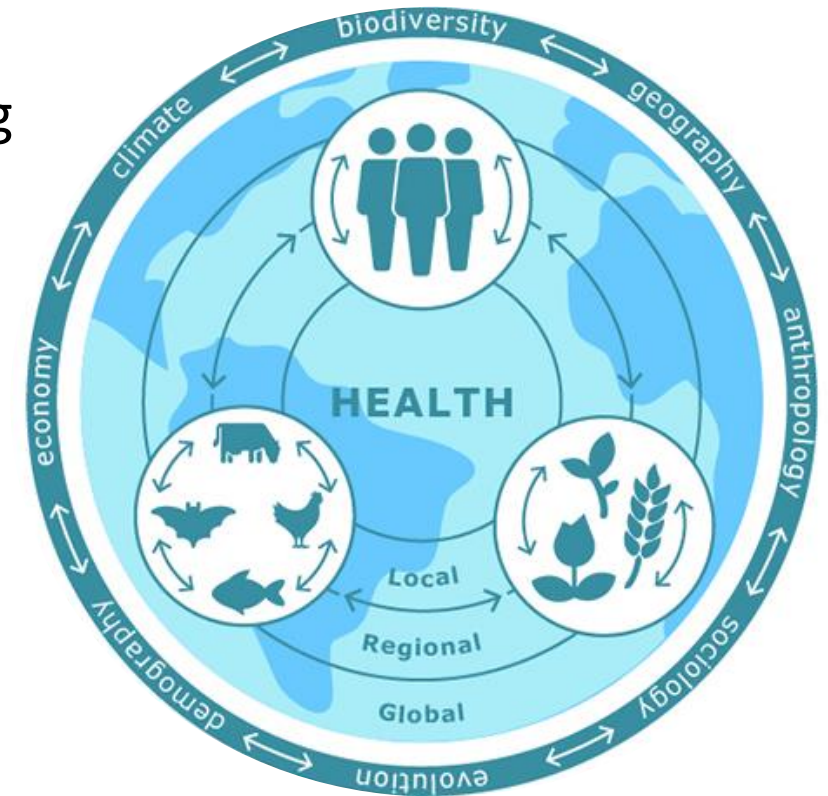


Figure Credit: Wageningen WUR Global One Health

➤ Better international coordination and cooperation could address these issues

Global Research Collaboration for Infectious Disease Preparedness (GloPID-R)

To bring together funding organizations investing in research related to new or re-emerging infectious diseases in order to increase preparedness and facilitate rapid research response to outbreaks with pandemic potential

Newly Selected Board Members



Mongezi Mdhuli
SAMRC
Chair



Barbara Kerstiens
European Commission



Hervé Raoul
ANRS



Kathleen Victoir
Pasteur Network



Anna Kinsey
MRC



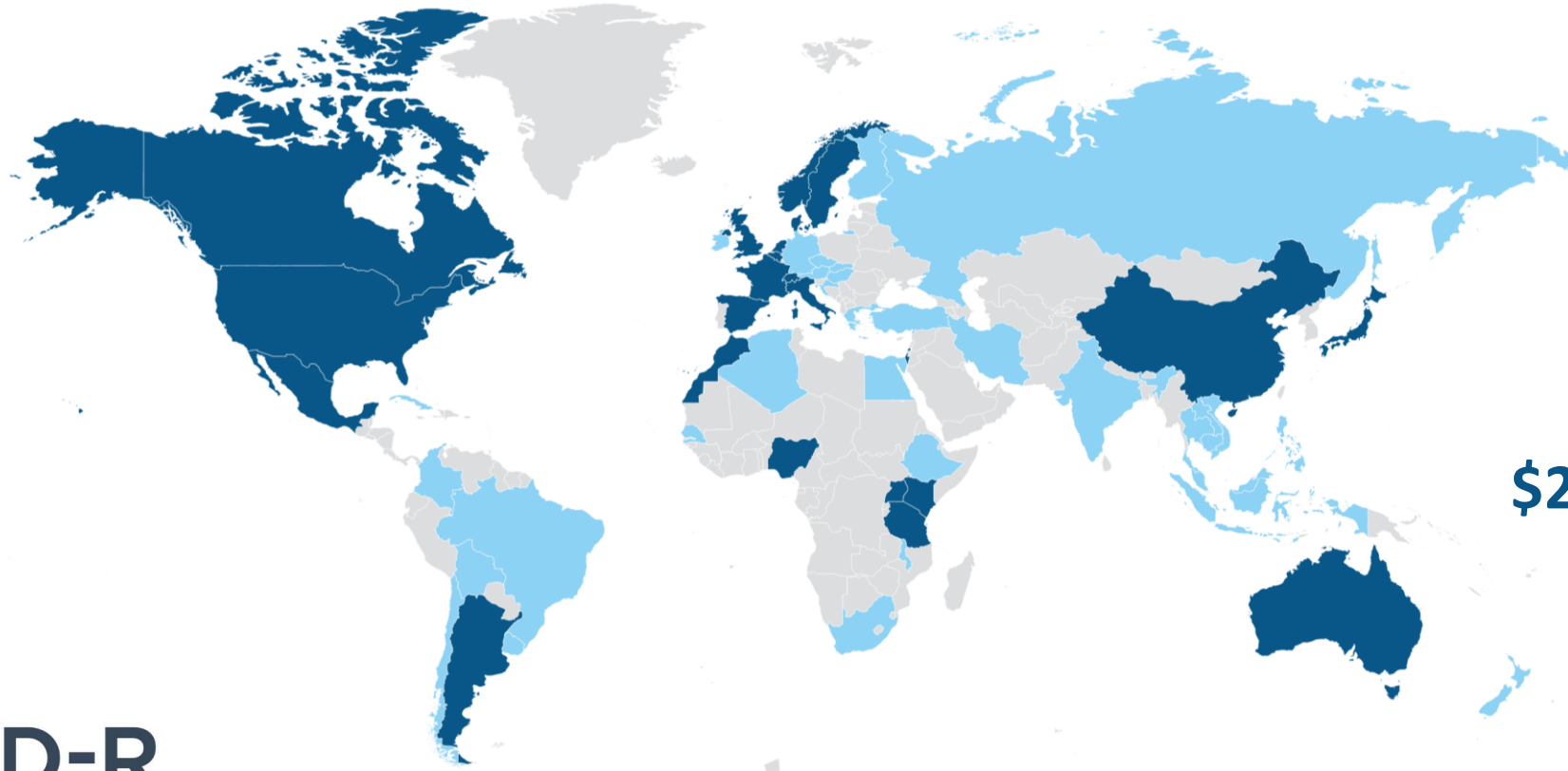
Elisabeth Higgs, NIH
Subject to final sign-off

35 members & 8 observer organizations (WHO, CEPI, EDCTP2, ESSENCE, GOARN, GAVI, ERINHA, ISCIII)



STAR-IDAZ International Research Consortium on Animal Health

To improve global coordination of research funding and activities on the major infectious diseases of livestock and zoonoses to accelerate delivery of disease control tools and strategies



34 Partner organisations
23 Countries
55+ Associated countries
\$2.5B+ Research investment

Collaborative Working Group

Aim to improve global, cross-sectoral coordination of research funding and the associated mechanisms to integrate the One Health approach more widely

Develop Living Road Map for funding organisations to:



Optimise funding for One Health research



Align funding strategies with research community requirements



Coordinate research funding strategies globally

Approach

- ✓ Survey to better understand current OH research and funding landscape
 - ✓ Workshop to discuss and identify opportunities for short- and long-term improvements
 - ✓ Report summarising current challenges and recommended improvements
- Workshop **with funders and OH networks** representatives to discuss, refine and agree recommendations and Living Road Map

Membership

Aurelie Castinel	SAFOSO, Switzerland
Baldissera Giovani	Euphresco Coordinator, European and Mediterranean Plant Protection Organisation (EPPO)
Bassirou Bonfoh	Managing Director, Swiss Centre of Scientific Research in Côte D'Ivoire
Benjamin Roche	Research Director, Research Institute for Development (IRD), France; PREZODE Co-founder and Global Science Leader
Chadia Wannous	One Health Global Coordinator, World Organisation for Animal Health
Diana Rojas Alvarez	Team Lead, Arboviruses, Epidemic and Pandemic Preparedness & Prevention Department, WHO Emergencies Programme
Dirk Pfeiffer	Director of Centre for Applied One Health Research and Policy Advice, City University of Hong Kong
Fabian Leendertz	Founding Director, Helmholtz Institute for One Health, Germany
Gabriela Di Giulio	Associate Professor, Environmental Health Department, School of Public Health, University of São Paulo, Brazil
Jakob Zinsstag	Head of Research Group on Human and Animal Health, Swiss Tropical and Public Health Institute, Switzerland
Joanne Webster	Director of RVC Centre for Emerging, Endemic and Exotic Diseases
Jonna Mazet	Vice Provost - Grand Challenge and Founder of One Health Institute, University of California, Davis, USA
Kris Murray	Professor of Environmental Change and Health, MRC Unit The Gambia, London School of Hygiene and Tropical Medicine
Linfa Wang	Professor, Programme in Emerging Infectious Disease, Duke NUS Medical School, Singapore
Malik Peris	Professor in Medical Science, University of Hong Kong
Marc Johnson	Professor in Molecular Microbiology and Immunology, University of Missouri, USA
Mariella Marzano	Principal Social Scientist, Forest Research UK
Misheck Mulumba	Senior Research Manager, ARC Onderstepoort Veterinary Research, South Africa
Muriel Vayssier-Taussat	Animal Health Department Head, INRAE, France
Nigel French	Professor of Infectious Disease Epidemiology and Public Health, Massey University, New Zealand
Paul Pronyk	Professor of Global Health, SingHealth Duke-NUS Global Health Institute, Singapore
Paula Prist	Principal Scientist, Conservation & Health, Ecohealth Alliance, New York, USA
Paulo Vela	Research Engineer Professor, Cayetano Heredia Peruvian University, Peru
Robyn Alders	Development Policy Centre, Australian National University; Global Health Programme, Chatham House, UK
Salazy Bin Abubakar	Professor, Tropical Infectious Diseases Research and Education Centre, University of Malaysia, Malaysia
Sascha Knauf	Director, Institute of International Animal Health/One Health, Friedrich-Loeffler-Institute (FLI), Germany
Tony Barnett	Professor of Social Science of Infectious Diseases, London School of Hygiene and Tropical Medicine, UK
Wanda Markotter	Director, Centre for Viral Zoonoses, University of Pretoria, South Africa; Co-Chair of One Health High-Level Expert Panel
Zelalem Tadesse	Senior Animal Health Officer for Zoonotic Diseases and One Health, Food and Agriculture Organization (FAO)

Short term Improvements



Diverse review panel architecture and composition



Panel induction training to deepen understanding on transdisciplinarity



Longer grant duration, at least 5 years



Exclusionary language should be avoided in call text



Adjustment of eligibility criteria: Calls should be as open and inclusive to encourage transdisciplinary and international collaboration



Development of success metrics to measure impact of research



Support for participatory research involving civil society and end-users in research

Long term Improvements

Stronger focus on capacity strengthening particularly in LMICs, inc. institutional strengthening



Strengthen qualitative research capacity



Support for specific One Health training



Improvement of One Health career paths and incentives



Longer-term funding for impactful research, especially concerning climate change and disease transmission



Funding collaboration between existing projects working in separate disciplines, not currently branded as One Health

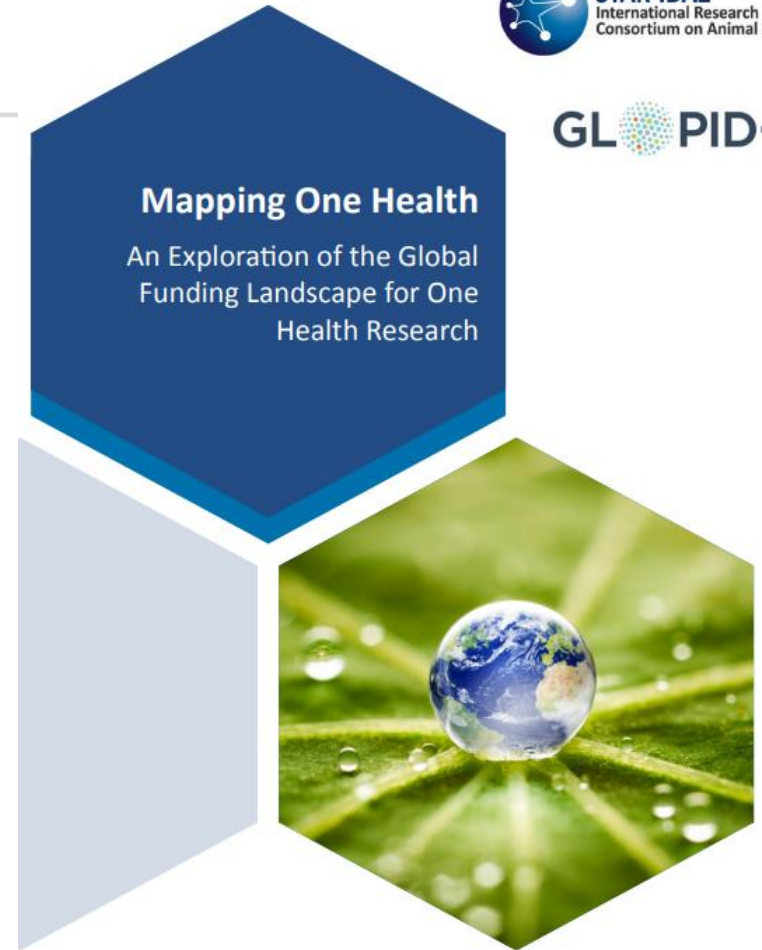


Support for translating One Health research into policy



Next steps

- Finalising draft report to be circulated among members of both networks for initial feedback from funders
- Publication of final report on current funding challenges and recommended improvements to funding mechanisms
- Workshop involving funding organisations to ensure recommendations are **useful, applicable and feasible**
- Publication of **Living Road Map for funders**



Thank you



UK Research
and Innovation

The GloPID-R Secretariat is a project which receives funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101094188 and is supported by UK Research and Innovation [grant number 10061268].

Support for the International Research Consortium on Animal Health (SIRCAH2) is funded by the European Union Horizon Europe research and innovation programme under grant agreement No 101082377 and by UK Research and Innovation (UKRI) under the UK Horizon Europe funding guarantee [grant numbers 10055666 and 10058793].

