

One Health Intelligence

Scoping and path forward

EIOS General Technical Meeting, Luxor, November 2022

**One Health Intelligence Scoping Study (OHISS) -
Supported by G7 presidency of UK (DHSC)**

ONE HEALTH QUADRIPARTITE COLLABORATION



Food and Agriculture
Organization of the
United Nations



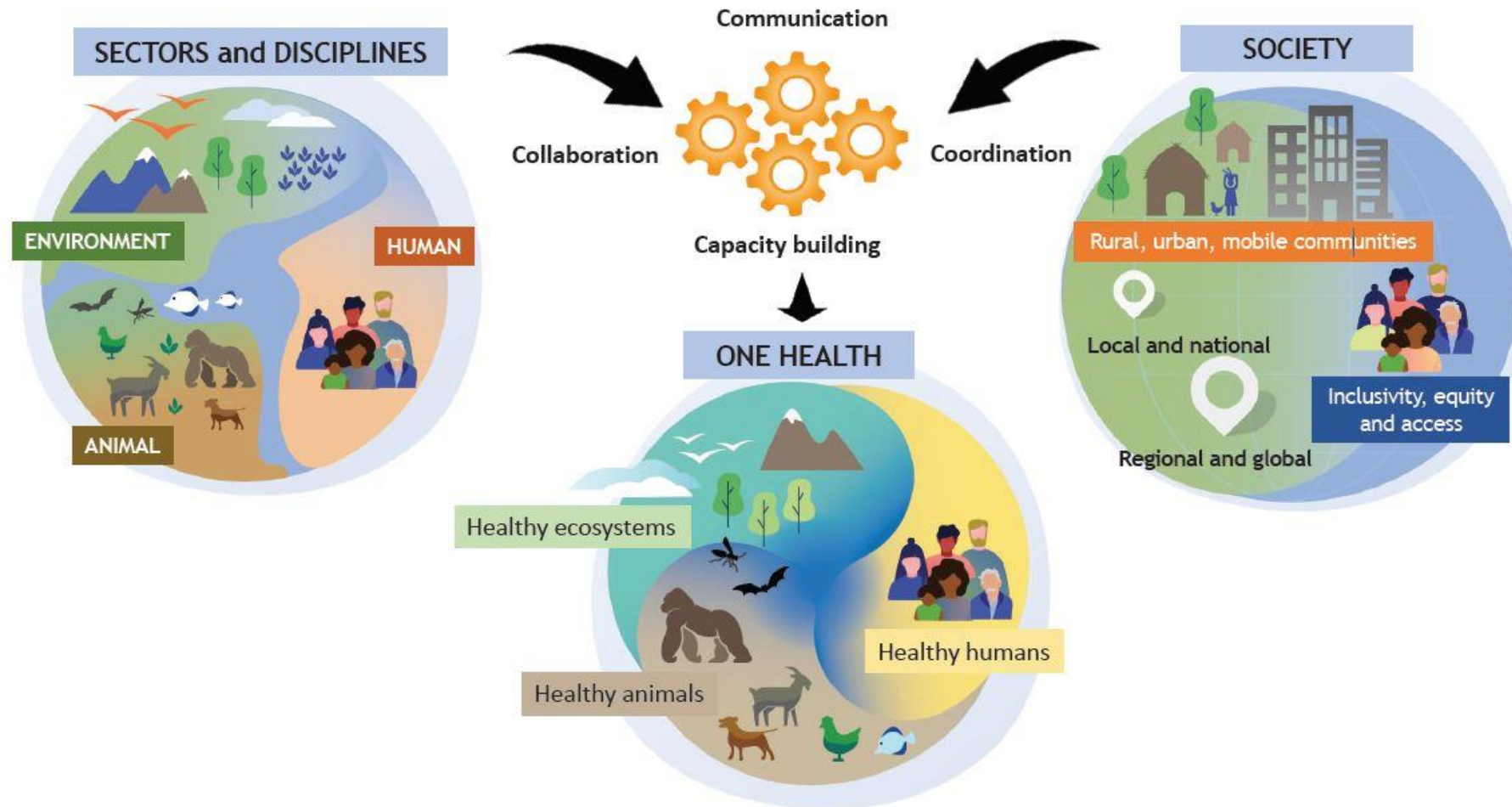
World Health
Organization



World Organisation
for Animal Health
Founded as OIE

What is "One Health Intelligence"?

Collaborative surveillance in the cross-sectoral context



What is "One Health intelligence" to you?

Audience poll:

1. Qu

2. Qu

3. Qu

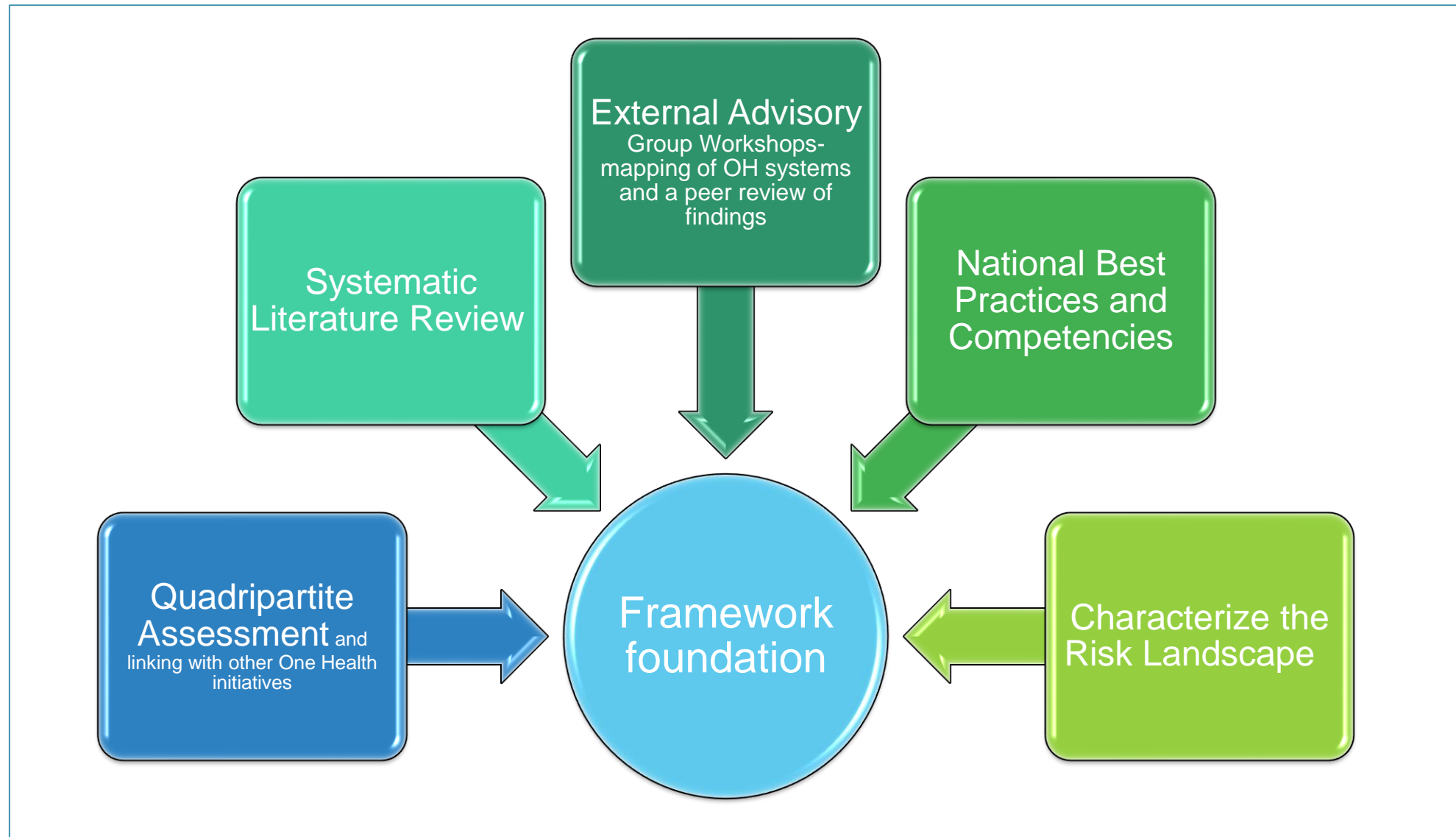
One Health Intelligence Scoping Study (OHISS)

Identified opportunities for improved technical harmonization of systems to strengthen One Health intelligence



<https://www.fao.org/3/cc1533en/cc1533en.pdf>

Scoping - key activities



Operationalising One Health Intelligence



Goals

Common purpose
and specific goals
for OHI in action



Framework

Framework to
connect and
enhance existing
systems



Building

Modular, federated
approach to
respond to diverse
user needs



Roadmap

Short, medium and
long term actions
and investments



**Prediction
Preparedness
Prevention**

Early warning

**Risk assessment
Risk Management**





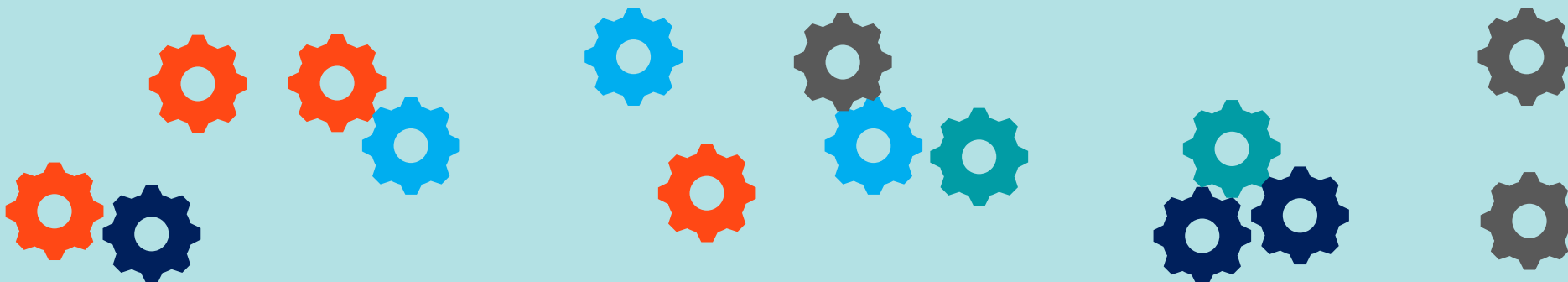
Application layer

Ecosystem of interconnectable applications
Digital Public Goods, Reusable

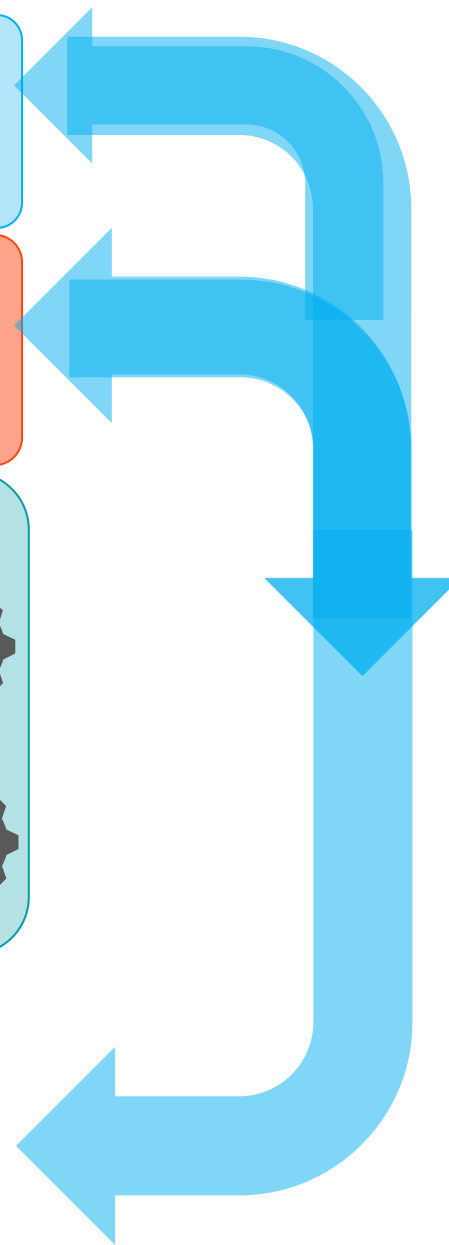
Data INTEROPERABILITY layer

Contextual data connected, ready on demand
(Findable, Accessible, Interoperable, Reusable)

Existing systems as building blocks



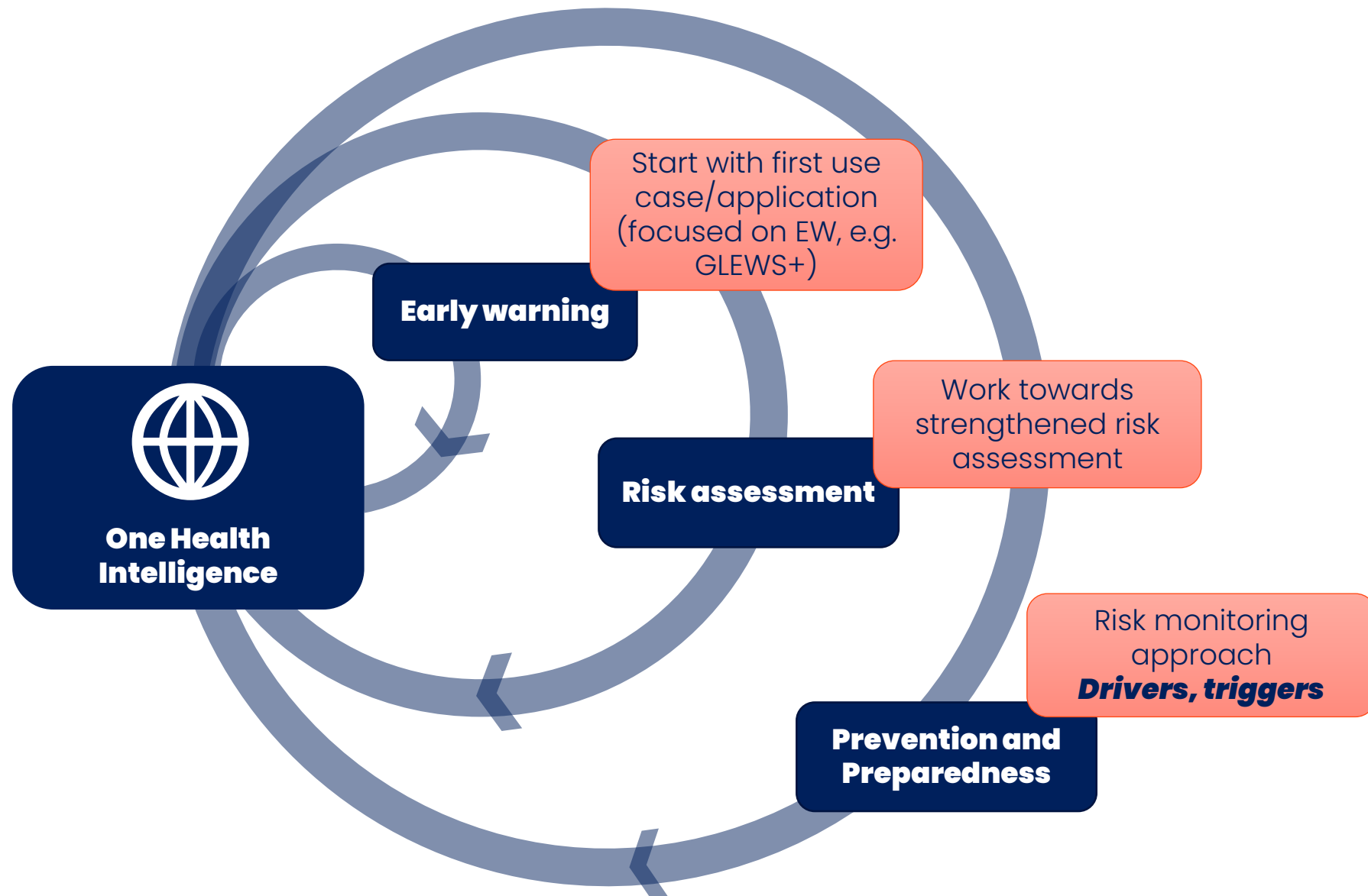
Countries and collaborators (Berlin Hub, IPSN, PREZODE...)





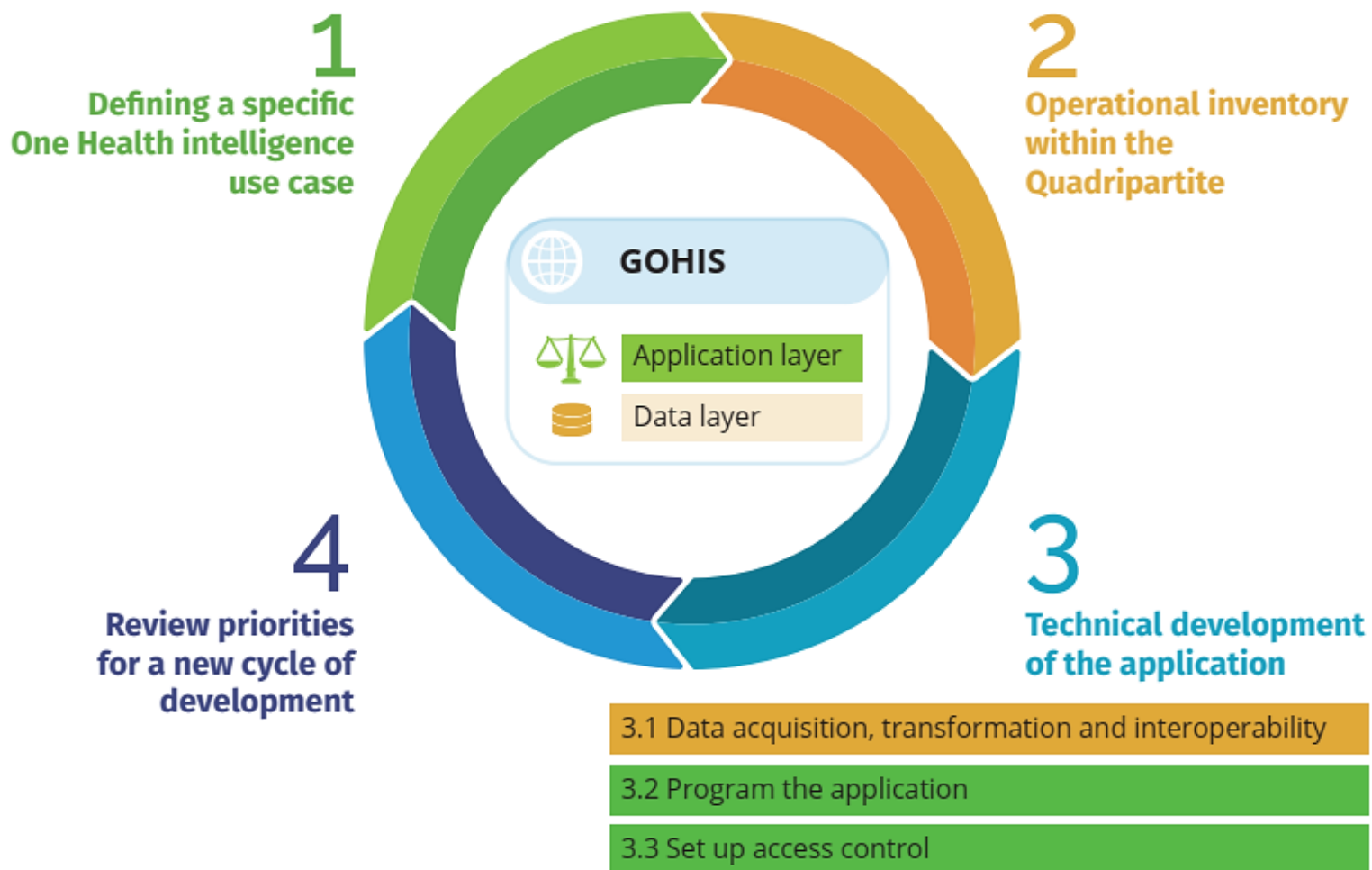
Sustainable
development and
implementation

Countries can reuse
Operational model
Data interoperability
Applications





Modular approach



Examples of modules / applications / use cases:

GLEWS+ >>> strengthening environmental/ecosystem health dimensions

Existing / new applications targeting specific diseases, e.g. Rift Valley Fever Tool, henipahviruses

Novel applications / combinations of OH data, e.g. air pollution, impacts of climate change & land use change on disease

Acknowledgements: OHISS team

Oversight Steering Committee (OSC)

Keith Sumption – FAO
Matthew Stone – WOA
Corli Pretorius – UNEP/UNEP-WCMC
Oliver Morgan – WHO
Rachel Cooper – UK Department of Health and Social Care

QDPT Focal Point

Fairouz Larfaoui, Andrea Capobianco – FAO
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UKHSA: Cat McGillicuddy

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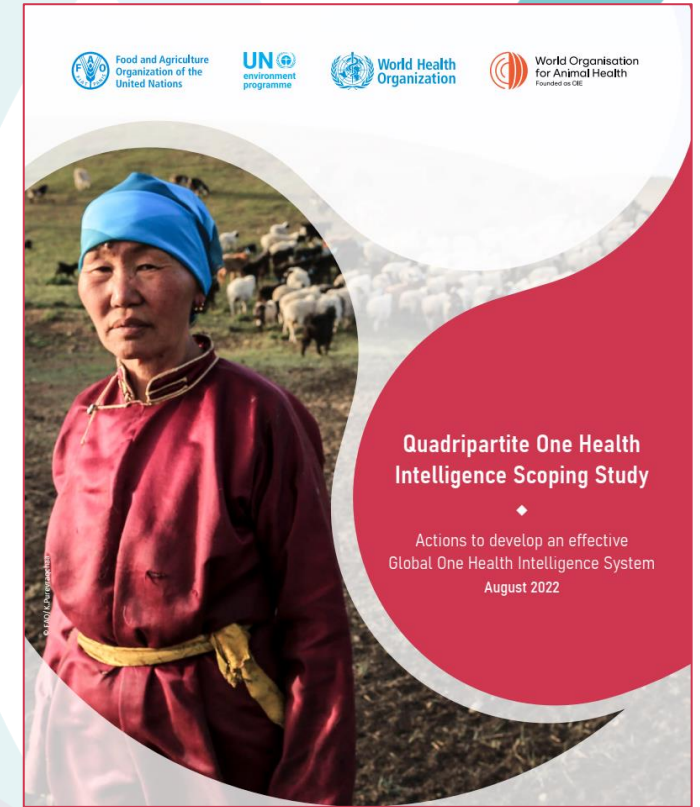


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Thank you



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