Pandemic Preparedness Toolkit Project

The Pandemic Preparedness Toolkit is a five-year project (2023 – 2028), funded by Wellcome. This project aims to co-create an accessible and sustainable online Toolkit to enable National Statistical Offices (NSOs) **to add value to infectious disease surveillance systems by unlocking their expertise in this area.**

The UK Office for National Statistics (ONS) is collaborating with NSOs and Delivery Partners within Argentina, Malawi and Nepal to co-develop the Toolkit. The initiatives within each country are referred to as 'Pathfinder Projects', which is being delivered in Nepal by HERD International.

Vision

Strengthened infectious disease surveillance systems globally, through a shared Toolkit for quality statistics and leadership.

Goals

- Develop a sustainable online Toolkit that will build capacity for infectious disease surveillance in NSOs.
- Strengthen engagement between project partner NSOs and National Public Health Agencies.
- Achieve awareness of the Toolkit across Low-and Middle-Income Country NSOs globally.

What is the Toolkit?

Resource Hub

(including, but not limited to)

- Interactive tools
- Training materials
- Reference materials
- Case studies
- Reproducible code
- Open-source statistical methods library

that will enable →

- Capacity building and readiness for infectious disease surveillance
- Working effectively with stakeholders in health, including national and international partners, to draft and implement evidence-based policies

The final Toolkit will be a first-of-its-kind, cross-country learning and sharing platform, which will be hosted online and made **freely accessible**, **usable**, and **sustainable**, meaning all interested parties will be able to benefit from its resources.

Primary users

Low-and Middle-Income Country NSOs

NSOs can facilitate the use of the Toolkit to build capacity for surveillance in the event of an infectious disease outbreak, epidemic, or pandemic.

Secondary users

Stakeholders and partners in health

Those who collaborate, or could collaborate, with the NSOs to conduct infectious disease surveillance.

Global NSOs

Global NSOs who want guidance and training on conducting infectious disease surveillance.

Themes | **Anticipated Toolkit Outline** | **Modules**

- 1. Data Collection
  - 1.1 Sampling
  - 1.2 Survey design
  - 1.3 Data collection mode
  - 1.4 Administrative data
- 2. Data Analysis
  - 2.1 Data preparation
  - 2.2 Reproducible Analytical Pipelines
  - 2.3 Epidemiological analysis
- 3. Outputs and Reporting
  - 3.1 Data visualization
  - 3.2 Written and verbal communication
- 4. Stakeholder Engagement
  - 4.1 Stakeholder mapping
  - 4.2 Leadership
  - 4.3 Public acceptability
- 5. Data Governance
  - 5.1 Implementing legislation
  - 5.2 Data protection and user privacy

Units: Each module is further divided into units. The PPT Working Group assigned specific units to each in-country Working Group, who are collaborating with their respective NSOs and other stakeholders to determine the content for the assigned units by the end of Year Two.

Project Timeline

Year 1 April 2023 - March 2024
Stakeholder engagement, capturing experience and resources, developing ONS COVID Guide to Surveillance.
Partners in place

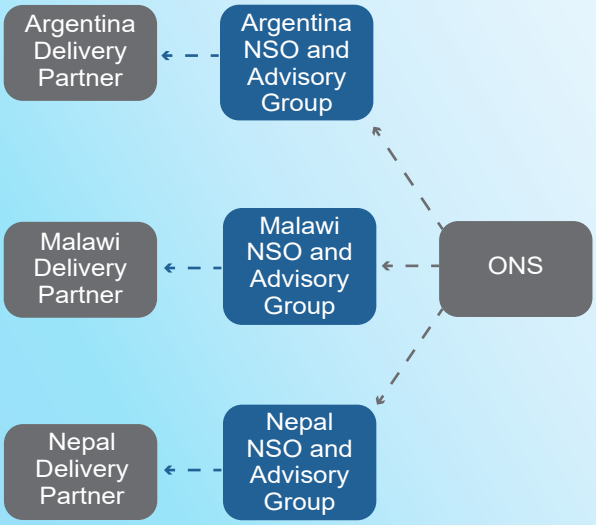
Year 2 April 2024 - March 2025
Collaborate with partners, co-design and develop initial outline of Toolkit content.
Toolkit outline

Year 3 April 2025 - March 2026
Collaborate with partners, develop and build Toolkit platform tech, develop, test, and adapt content.
Toolkit v.1 Private

Year 4 April 2026 - March 2027
Toolkit in place, final testing and adjustments, develop and support training for trainers, explore sustainable long-term solutions.
Toolkit v.2 Open

Year 5 April 2027 - March 2028
Long-term approach and handover, conduct training for trainers, promote Toolkit and conduct evaluation.
Handover complete

Overall Roles and Responsibilities



ONS
- Work closely with all NSOs and advisory groups to provide insight for technical development of Toolkit content
- Facilitate the design and testing of Toolkit content
- Manage overall project plans, reporting, risk management, and evaluation

NSOs and National Advisory Groups
- Collaboration between NSOs, Ministries of Health, and other relevant stakeholders
- Provide input for design and testing of Toolkit content
- Lead and advocate for the project in-country and across the geographical region

In-country Delivery Partners
- Deliver project outputs under the leadership of their respective NSOs and achieve key objectives
- Create Toolkit content in collaboration with NSOs and relevant stakeholders
- Manage project governance, budget, and overall reporting

Major Nepal Pathfinder Activities

- Toolkit Unit development and testing
- Public Acceptability Study
- Stakeholder engagement, communication, PR, and in-country groups
- Toolkit promotion
- NSO partnership and capacity building activities
- Project management, monitoring and evaluation, and Gate Reviews

Pandemic Preparedness Toolkit Global Network

Membership
- Key stakeholders in partner countries
- NSOs
- Intergovernmental Organizations
- International Non-governmental Organizations
- Academics

Aims
- Supporting Toolkit development
- Raising awareness of the Toolkit

Activities
- Quarterly newsletter
- Virtual meetings
- Ad-hoc requests on user needs, tools testing, and technical advice

If you would like to be added to the PPT Global Network to receive the quarterly newsletter and be offered ad-hoc Toolkit development opportunities, please use the QR code to the right.

Government of Nepal
Office of the Prime Minister and Council of Ministers
National Statistics Office
HERD International
Office for National Statistics
Funded by Wellcome