PRET

Preparedness and Resilience for Emerging Threats

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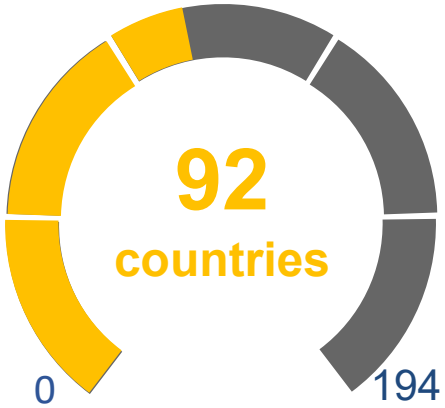
World Health Organization

Pandemic disease preparedness and response planning



Influenza plans
(by Dec 2018)

COVID-19 plans
(by Dec 2020)

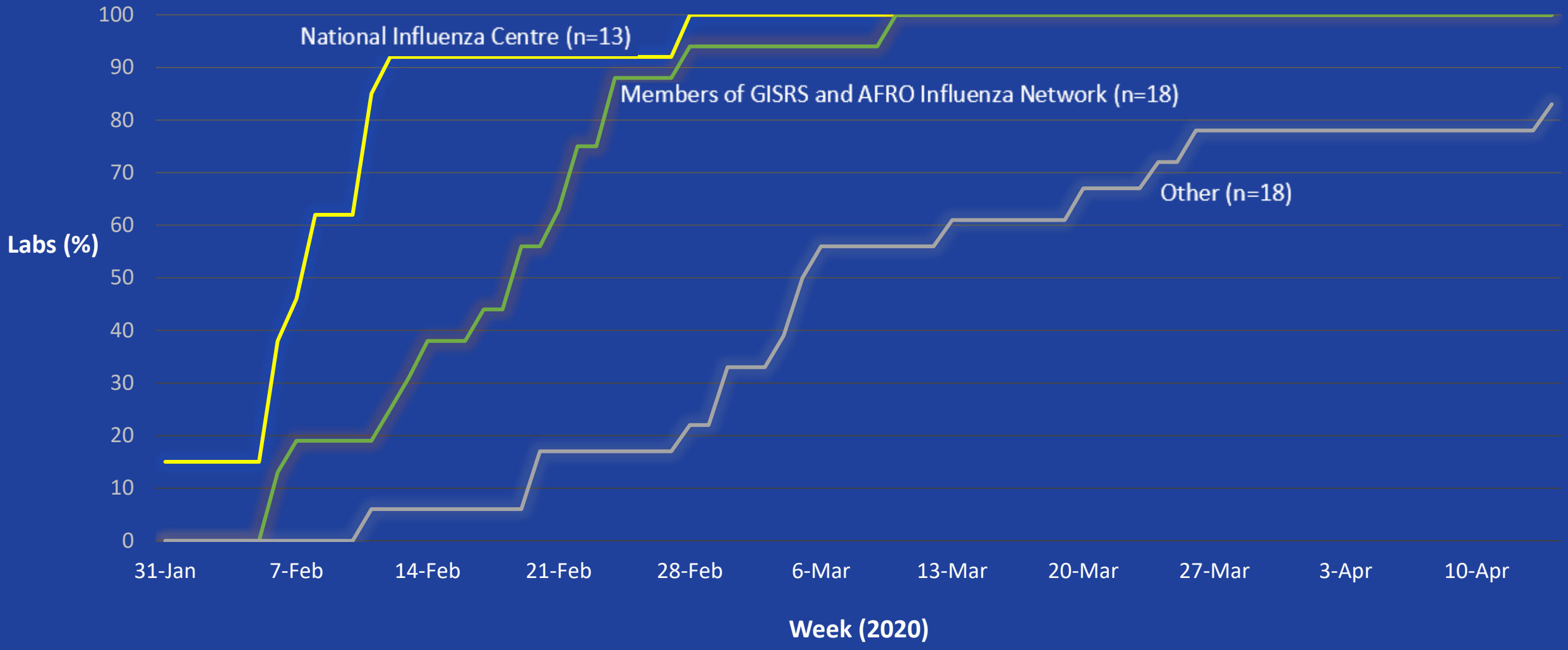
- www.who.int/publications/m/item/looking-back-at-a-year-that-changed-the-world-who-s-response-to-covid-19
- www.who.int/publications/i/item/9789241515962#

"Our influenza plan was the first document that we turned to guide the response"

Liberia MOH Focal Point, April 2020

www.who.int/publications/i/item/pip-framework-progress-report-1-january---30-june-2020

In the African region, GISRS National Influenza Centres were significantly faster at establishing COVID-19 testing capacity (slide courtesy Belinda Herring WHO/AFRO)

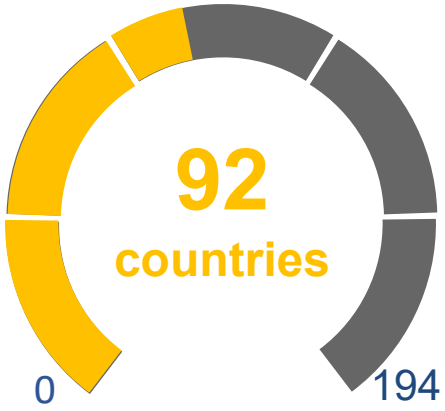


A tale of two pandemics: improvements in regulatory performance between the 2009 influenza A(H1N1) pandemic to the COVID-19 pandemic

For nearly a decade, through the PIP PC, WHO has invested in regulatory strengthening to ensure timely access to quality pandemic products. But has this investment paid off? A comparison of regulatory performance in two pandemics suggests that it has.

A tale of two pandemics: improvements in regulatory performance between the 2009 influenza A(H1N1) pandemic to the COVID-19 pandemic

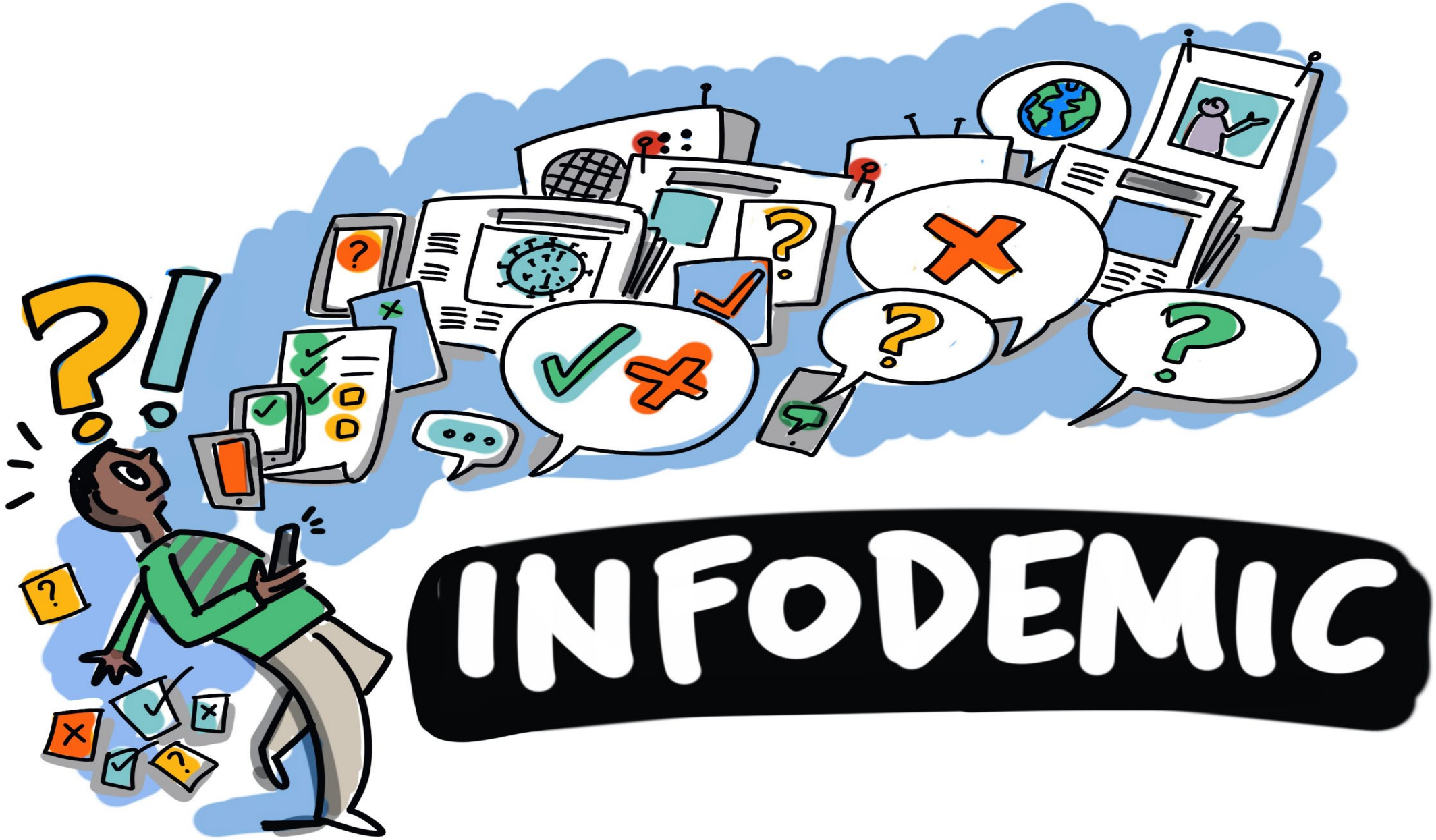
Pandemic disease preparedness and response planning



Influenza plans
(by Dec 2018)

COVID-19 plans
(by Dec 2020)

Continuous planning and preparedness strengthening…

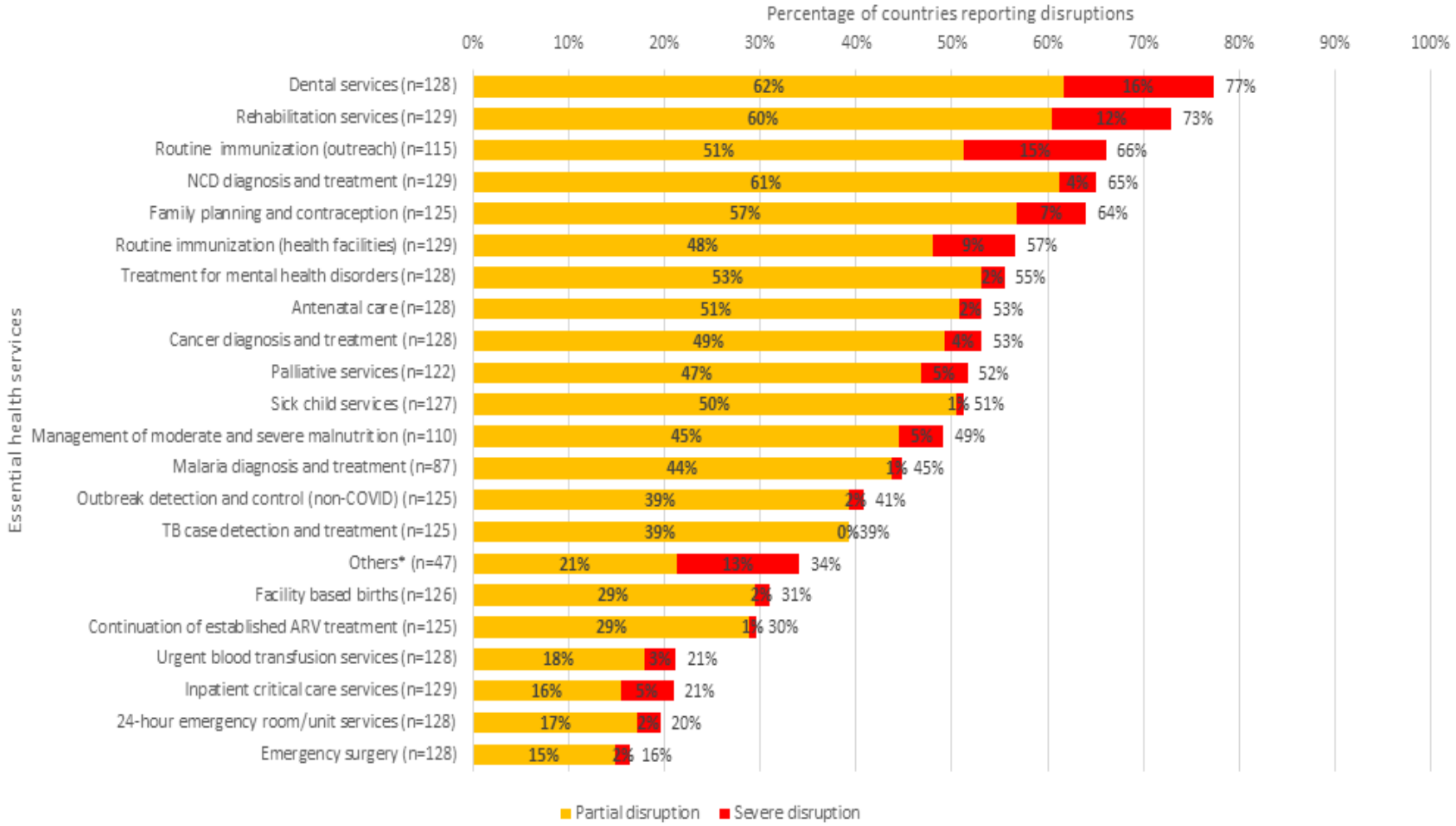

INFODEMIC

Prevent disruptions to essential health services (e.g., MCH, NCD, TB etc)

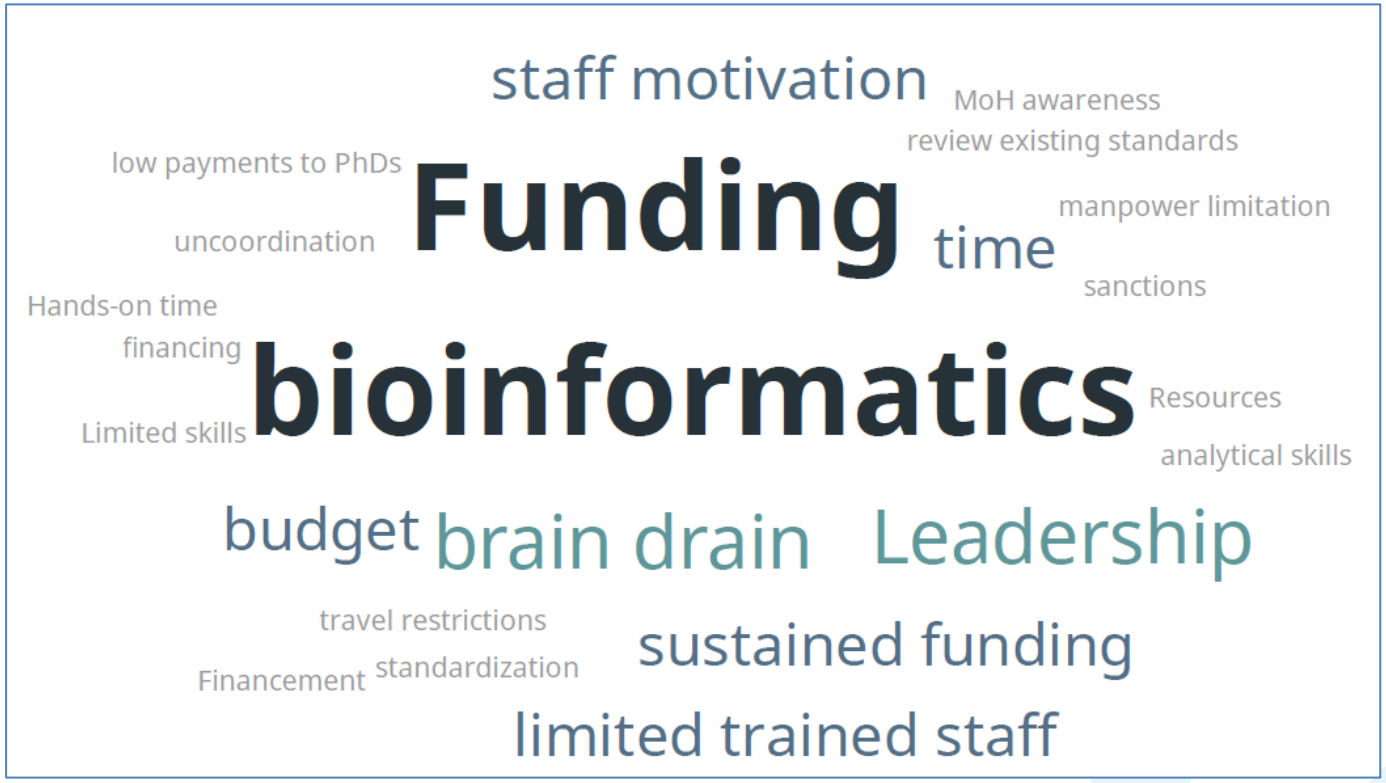
World Health Organization

Pulse survey on continuity of essential health services during the COVID-19 pandemic

65% of countries reported disruptions to health services

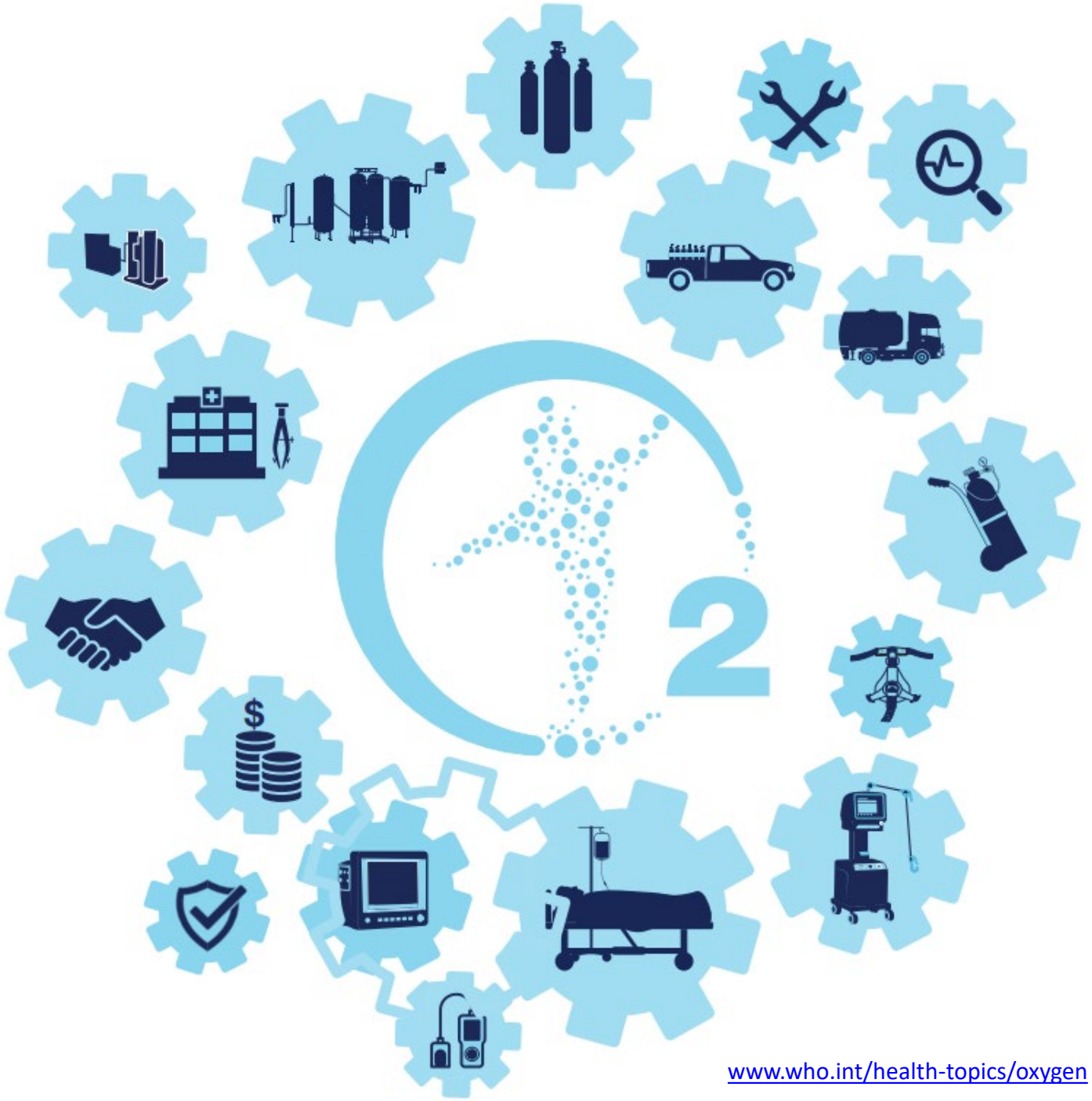


Workforce challenges for quality genomic surveillance



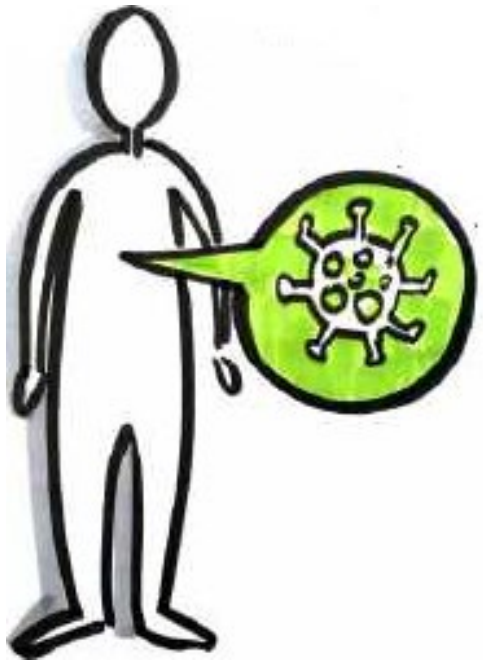
www.who.int/publications/m/item/who-consultation-on-the-global-genomic-surveillance-strategy-for-pathogens-with-pandemic-and-epidemic-potential-8-december-2021

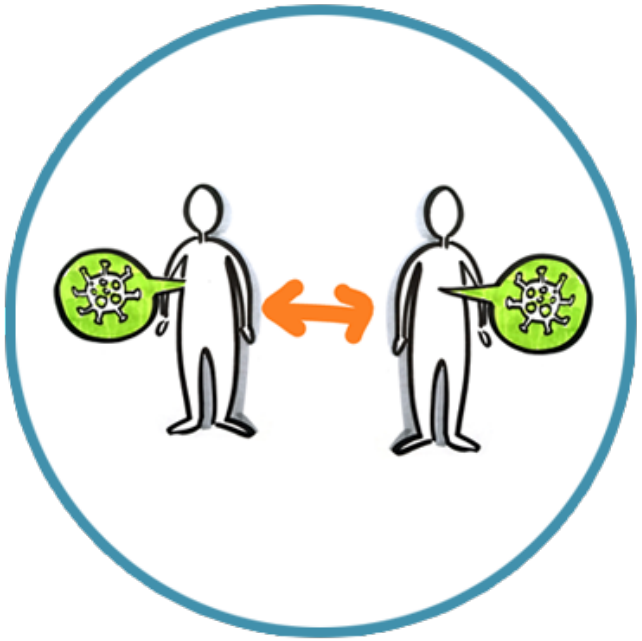
Sustain safe provision of oxygen and define an access scale-up programme

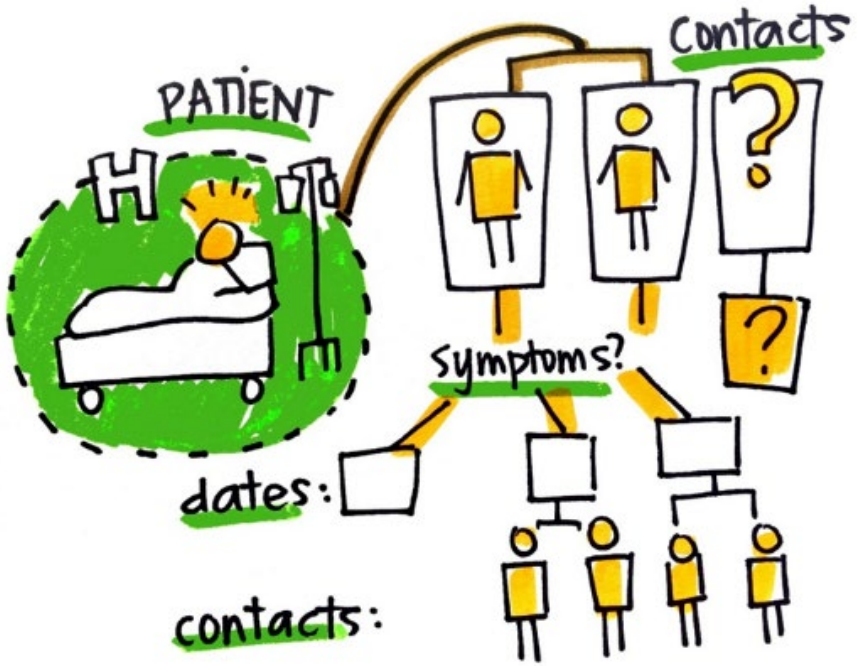


www.who.int/health-topics/oxygen

Institutionalize epidemiological investigation protocols







www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance/early-investigations

Three-tiered preparedness strengthening needed

	All / Multi-Hazard	**Pathogen Groups** (e.g. respiratory)	**Pathogen Specific** (e.g. Influenza, MERS-CoV)
	Clinical care system	- Access to oxygen - SOPs for respiratory clinical care	Influenza: access to specific medical countermeasures
	Healthy cities	- Indoor air quality - Respiratory hygiene measures	MERS-CoV: not consuming raw dromedary camel products

Integrated approach to improve pandemic preparedness for groups of pathogens based on their mode of transmission

PRET

Preparedness and Resilience for Emerging Threats

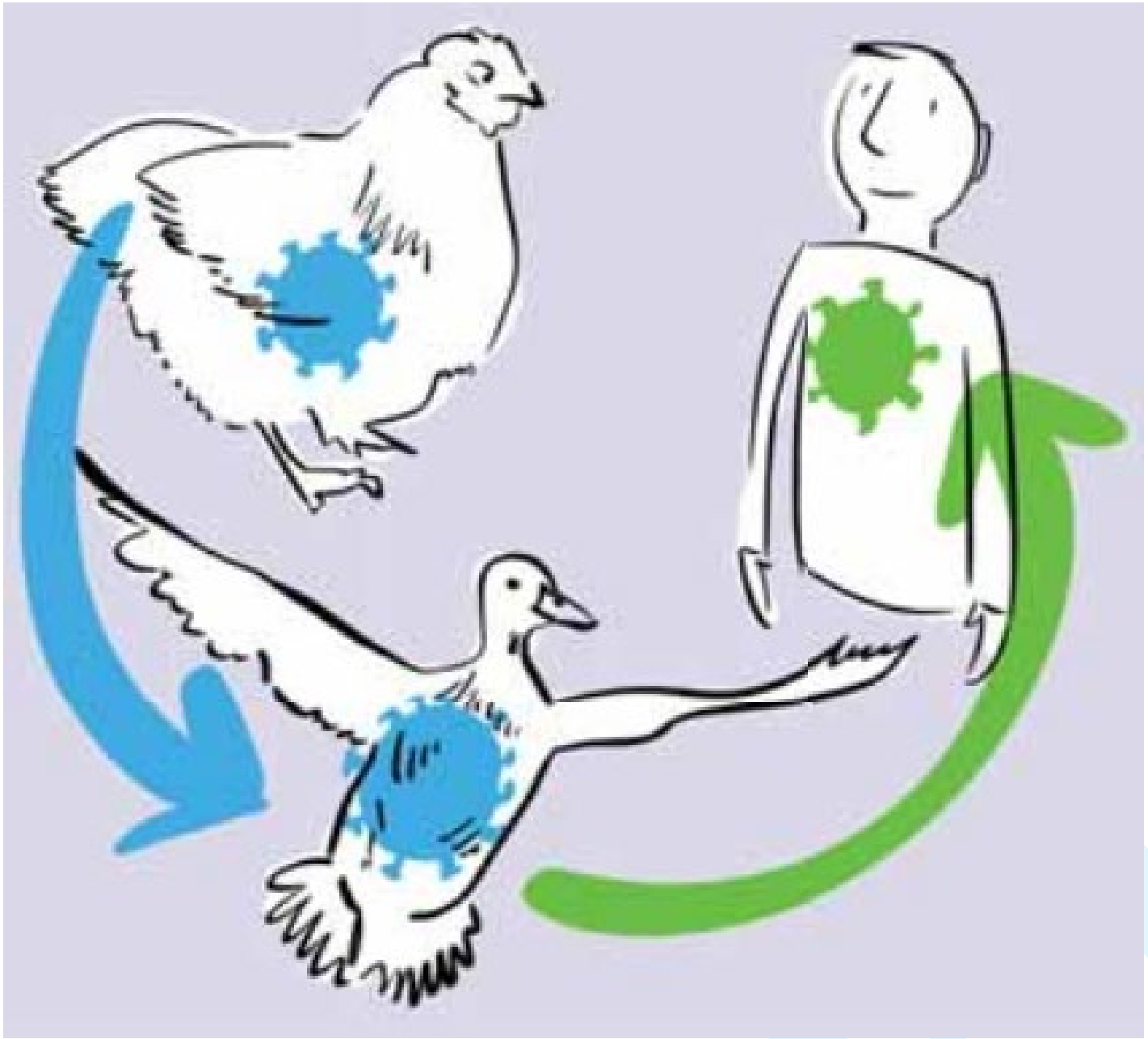
Functional
Builds preparedness on the foundation of routine systems

Risk-based
Covers known pathogens with pandemic potential and unknown “Pathogen X”

Efficient
Same systems and capacities can be used

Collaborative
Brings partners from different sectors together

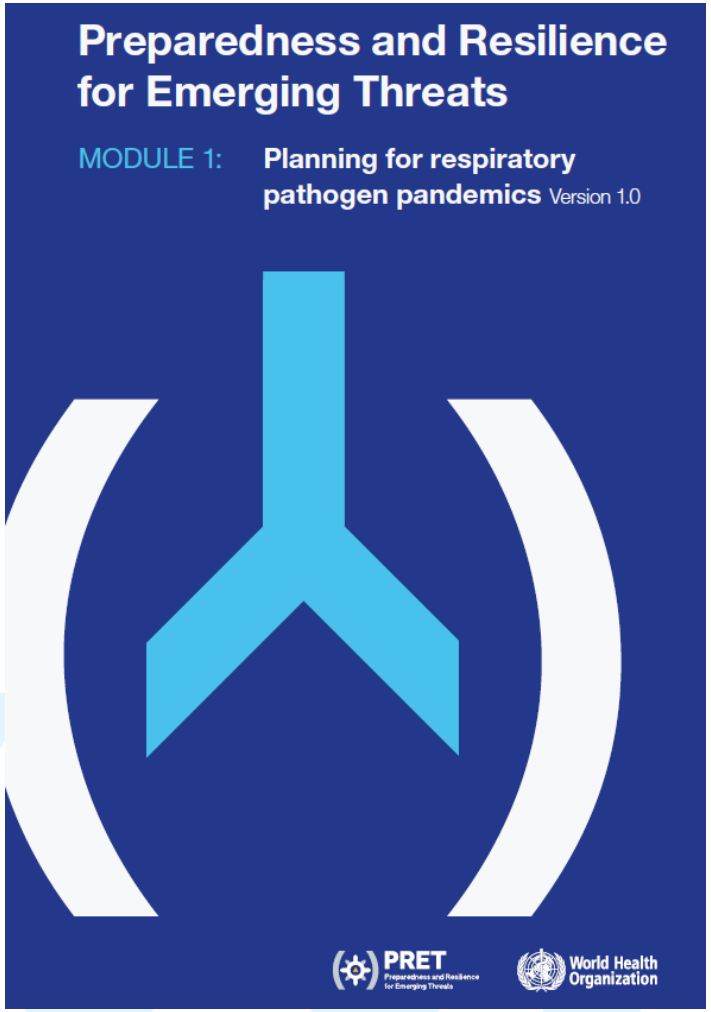
Innovative
Planning for groups of pathogens based on how they spread



PRET Module 1: Respiratory pathogens

First PRET Module: Respiratory Pathogens

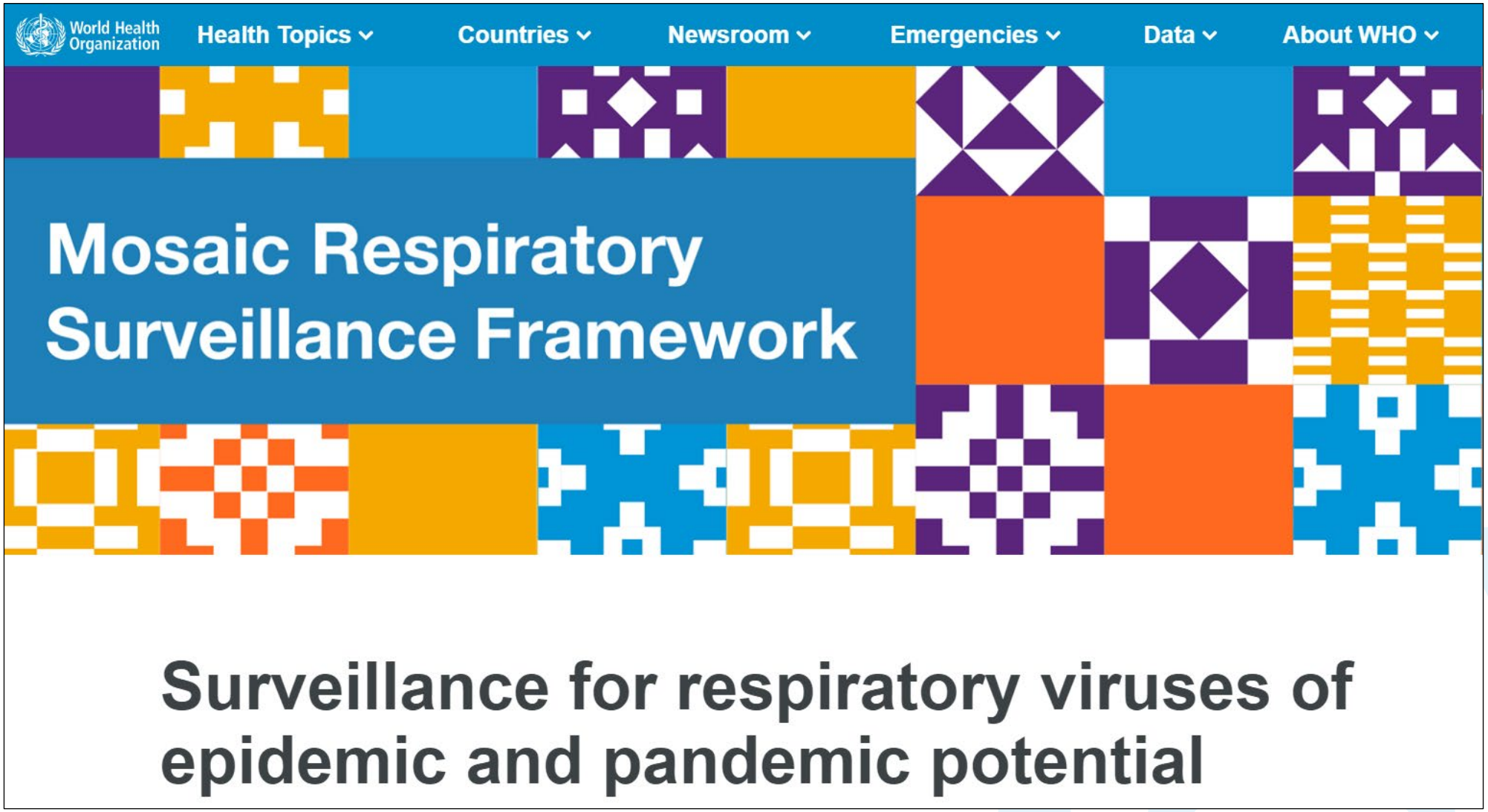
- **New organizing framework**
- Includes planning for **innovations** (e.g., genomics, infodemics)
- Provides **key actions for 12 IHR (2005) core capacities** to strengthen respiratory preparedness
- Is a **living document**
- **More modules** for other groups of pathogens to come!



PRET Respiratory

Involving different sectors
in preparing for the next pandemic will
save lives, protect livelihoods and speed up recovery

Contextualizes technical guidance through an integrated lens



WHO Mosaic Respiratory Surveillance Framework

PRET: Building on existing systems and plans

Leverage what already exists, gains made, and tailor to fill gaps identified

Existing plans:

- National Action Plans for Health Security (NAPHS)
- Pandemic Preparedness and Response Plans for Influenza and/or COVID-19
- National Deployment and Vaccination Plan (NDVP)
- National Immunization Strategy (routine immunizations)

Routine systems/networks:

- Disaster management bodies
- Global Influenza Surveillance & Response System (GISRS) and other networks
- National immunization programmes
- Disease modeling & 'Unity' Studies

PRET roll out in 2023 onwards

The PRET Global Launch (who.int)

Broader context

WHA Resolutions 58.5, 74.7 and 75.7

Pandemic Accord (CA+)

One Health

IHR (2005)

Thank you

Acknowledging:

- Countries: Ministries of Health and other sectors and levels engaged
- Partners: involved in respiratory pandemic preparedness
- WHO: three-level steering committee & technical units providing inputs

Contact:

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