

A detailed electron micrograph of COVID-19 virus particles. The central focus is a single, spherical virus particle covered in numerous spike-like projections (glycoproteins). It is surrounded by other similar particles, some in sharp focus and others blurred in the background, all set against a reddish-brown, textured backdrop.

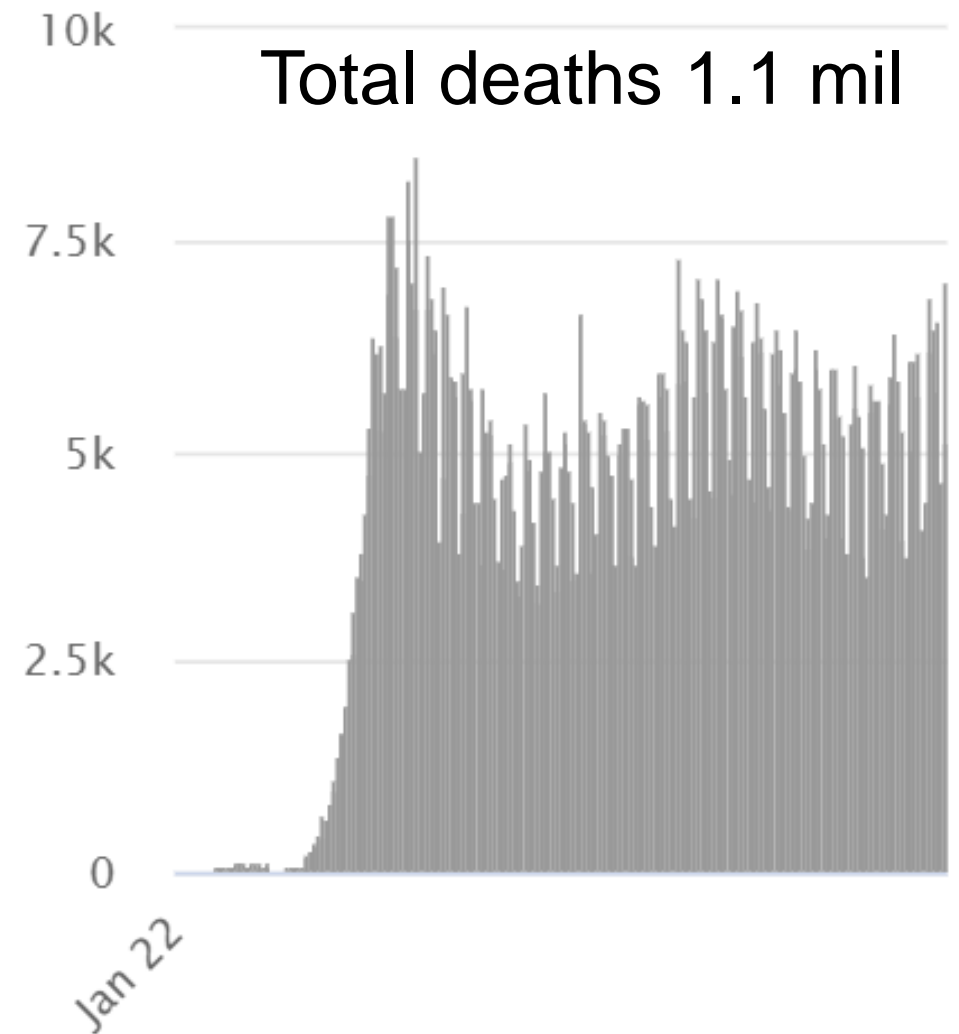
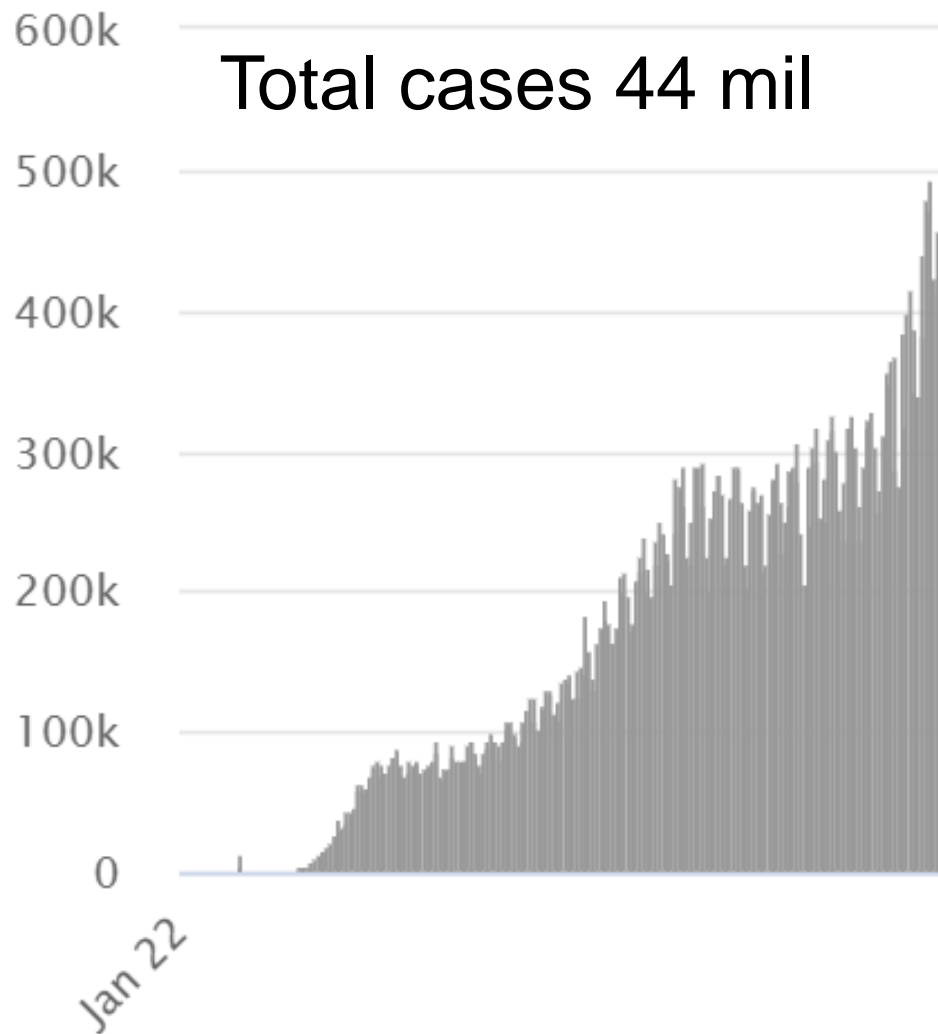
Global collaboration to fight and end the pandemic of COVID-19

Osamu Kunii, MD, MPH, PhD

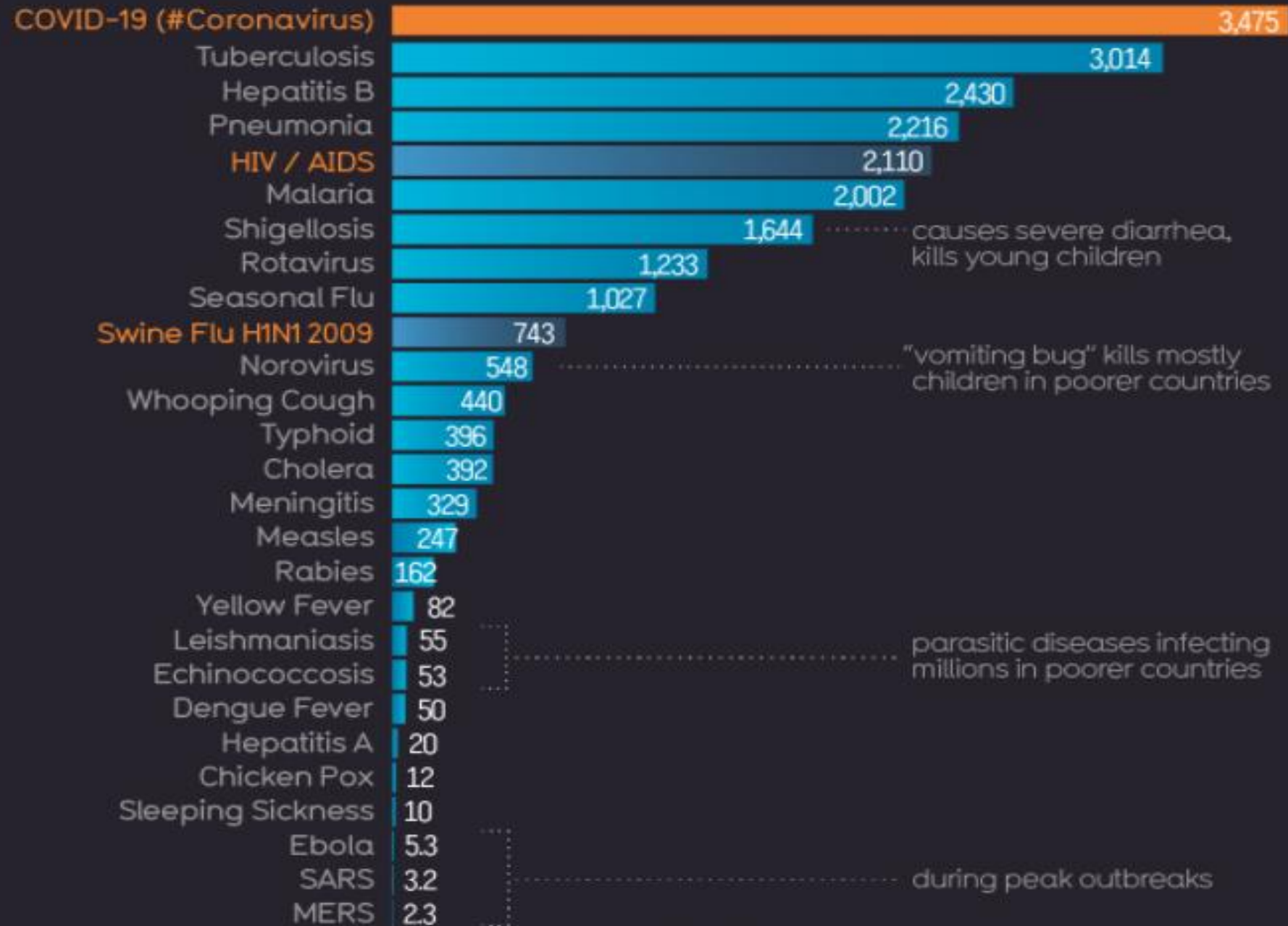
The Global Fund

To Fight AIDS, Tuberculosis and Malaria

COVID-19 Pandemic



Average Disease Deaths per Day Worldwide

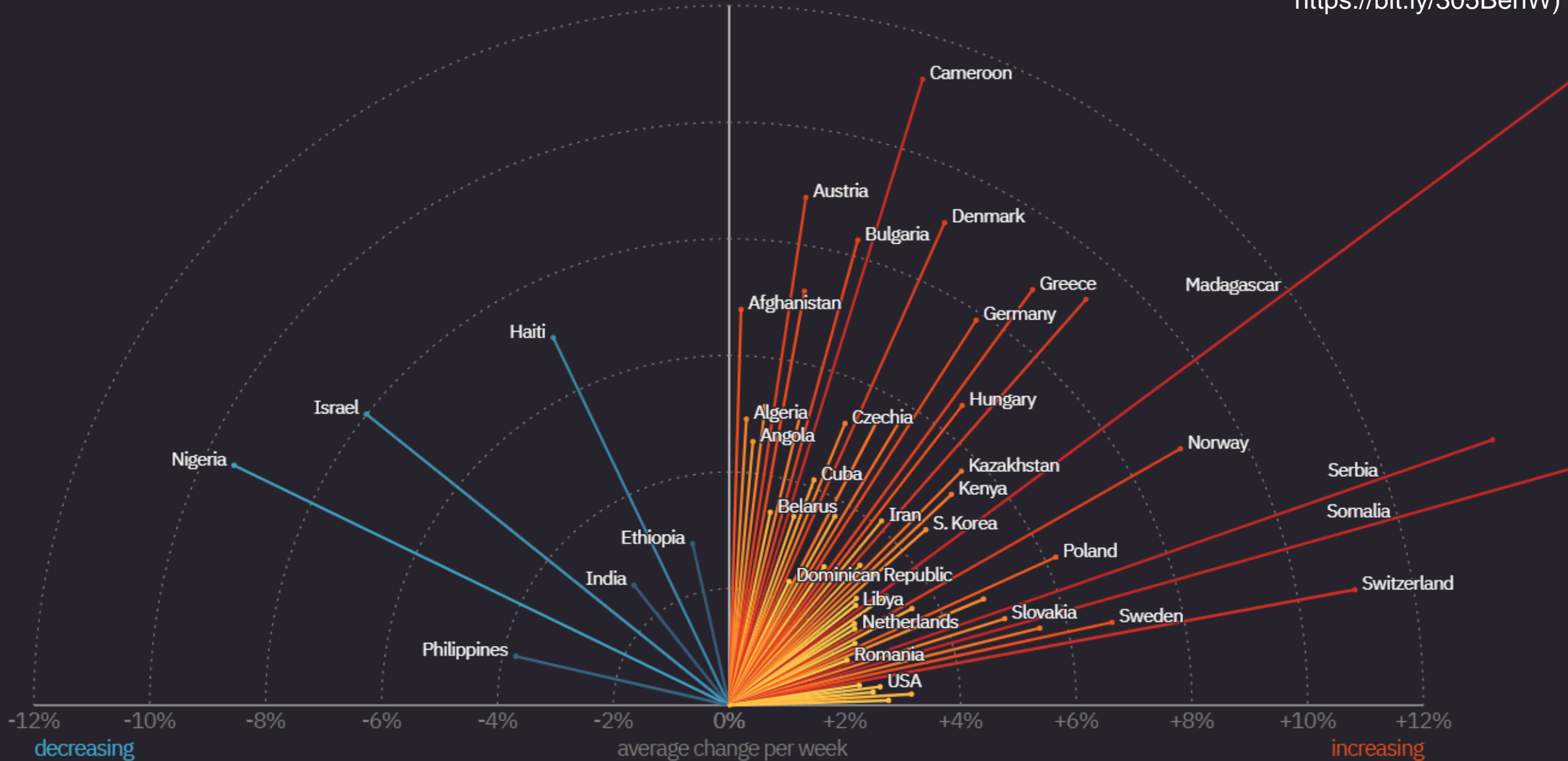


Where is Coronavirus **Rising** & **Falling**?

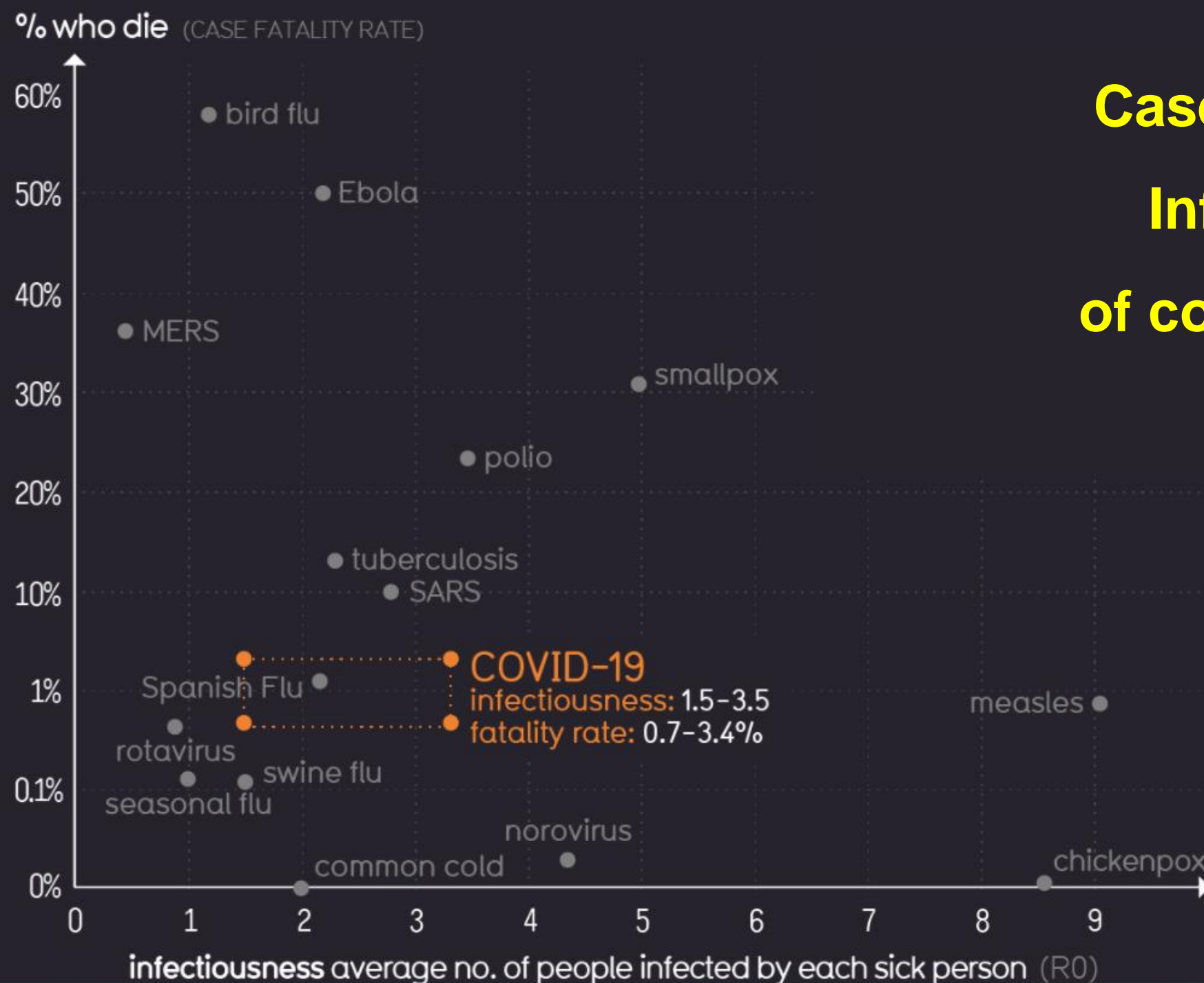
updated 28 October 2020

average % change in weekly **cases** ▼

(Source: Information is Beautiful
<https://bit.ly/305BenW>)

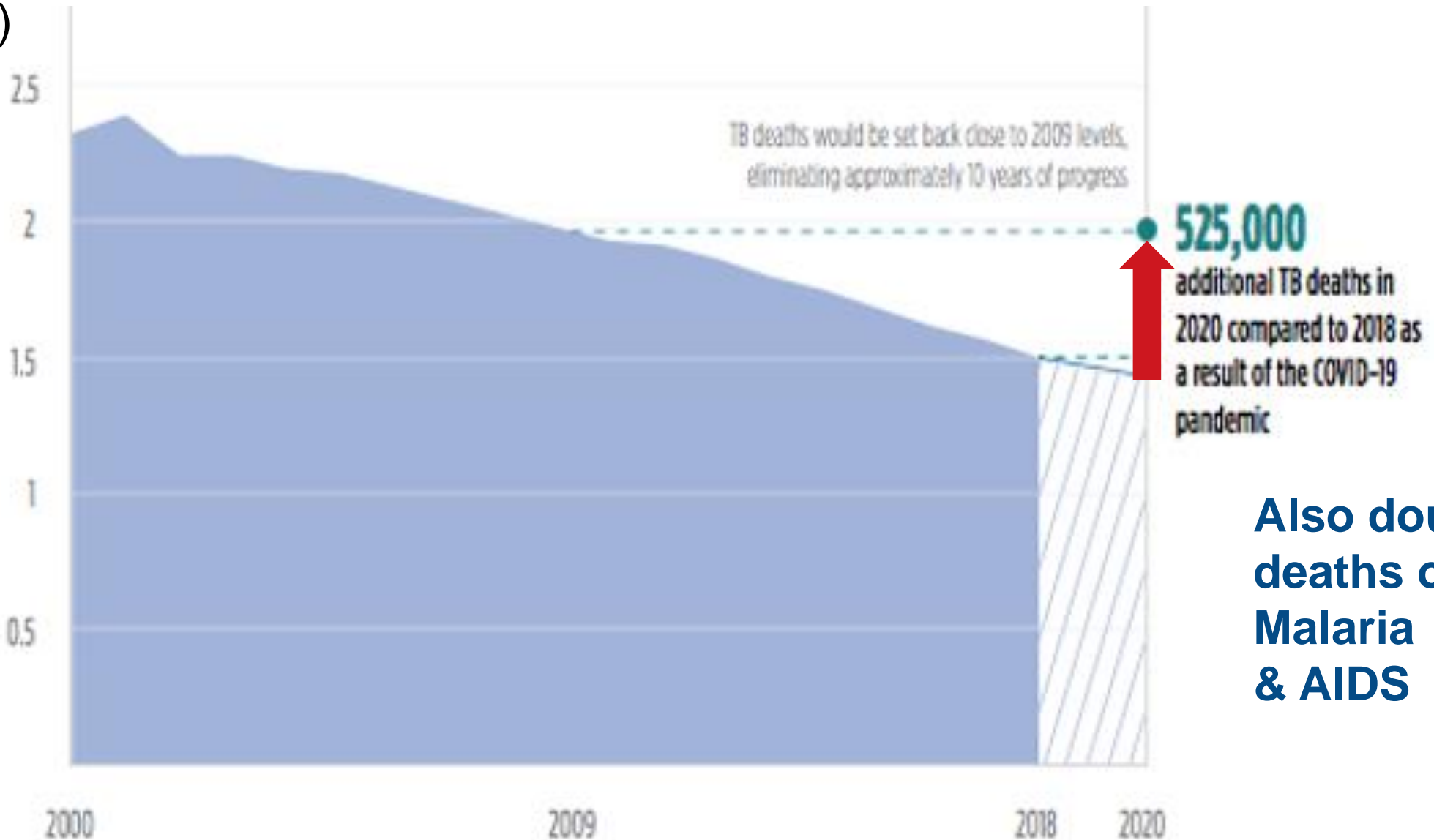


Case fatality and Infectiousness of communicable diseases



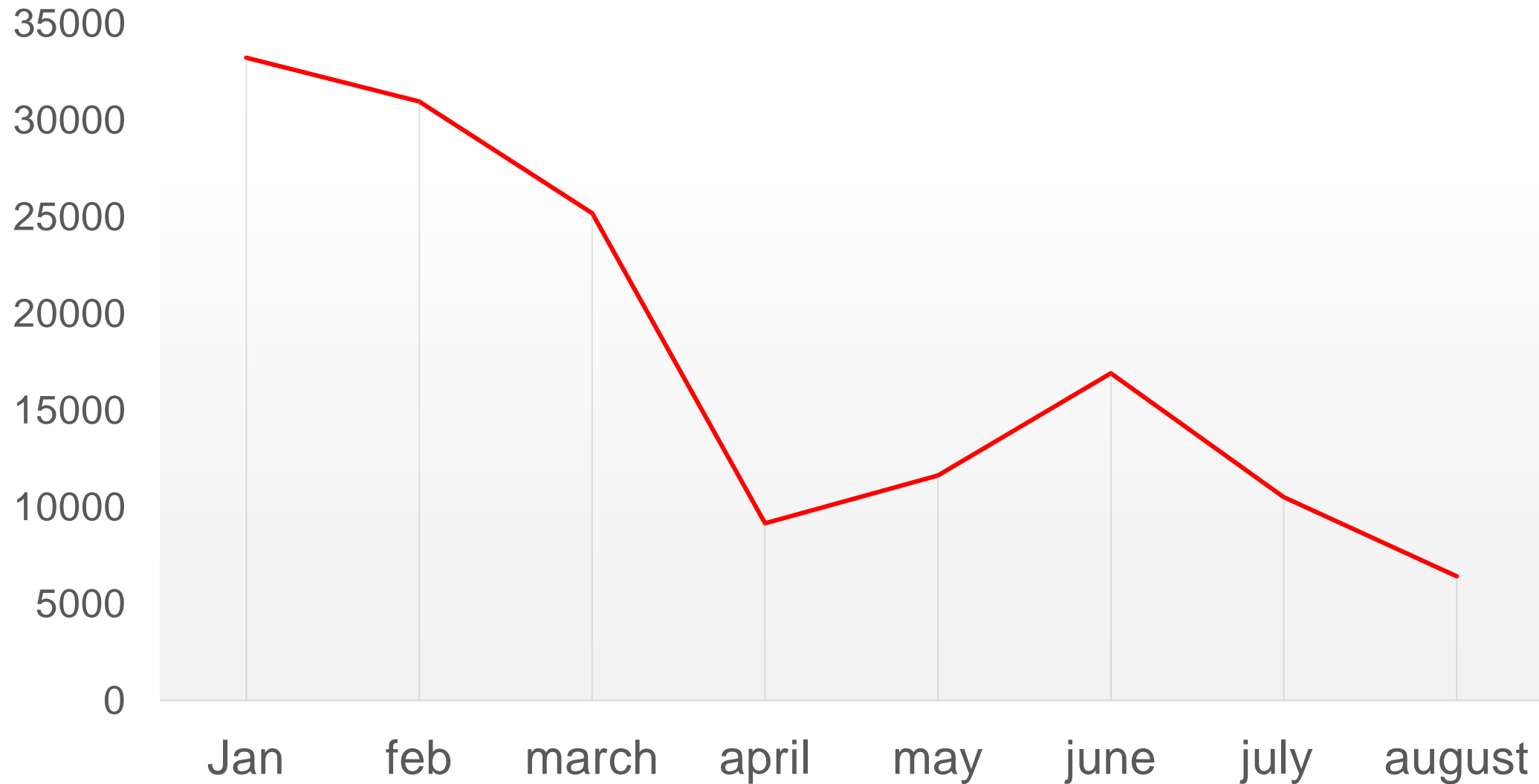
Potential increase in TB deaths due to COVID-19

(Million)



**Also double
deaths of
Malaria
& AIDS**

COVID-19 Impact on TB notification in Philippines



ACCESS TO COVID-19 TOOLS (ACT) - ACCELERATOR

Vaccines

CEPI

Gavi
The Vaccine Alliance

2 billion
(end 2021)

Therapeutics

Unitaid
Innovation in Global Health

W
wellcome

245 million
(mid-2021)

Diagnostics

FIND
Because diagnosis matters

The Global Fund

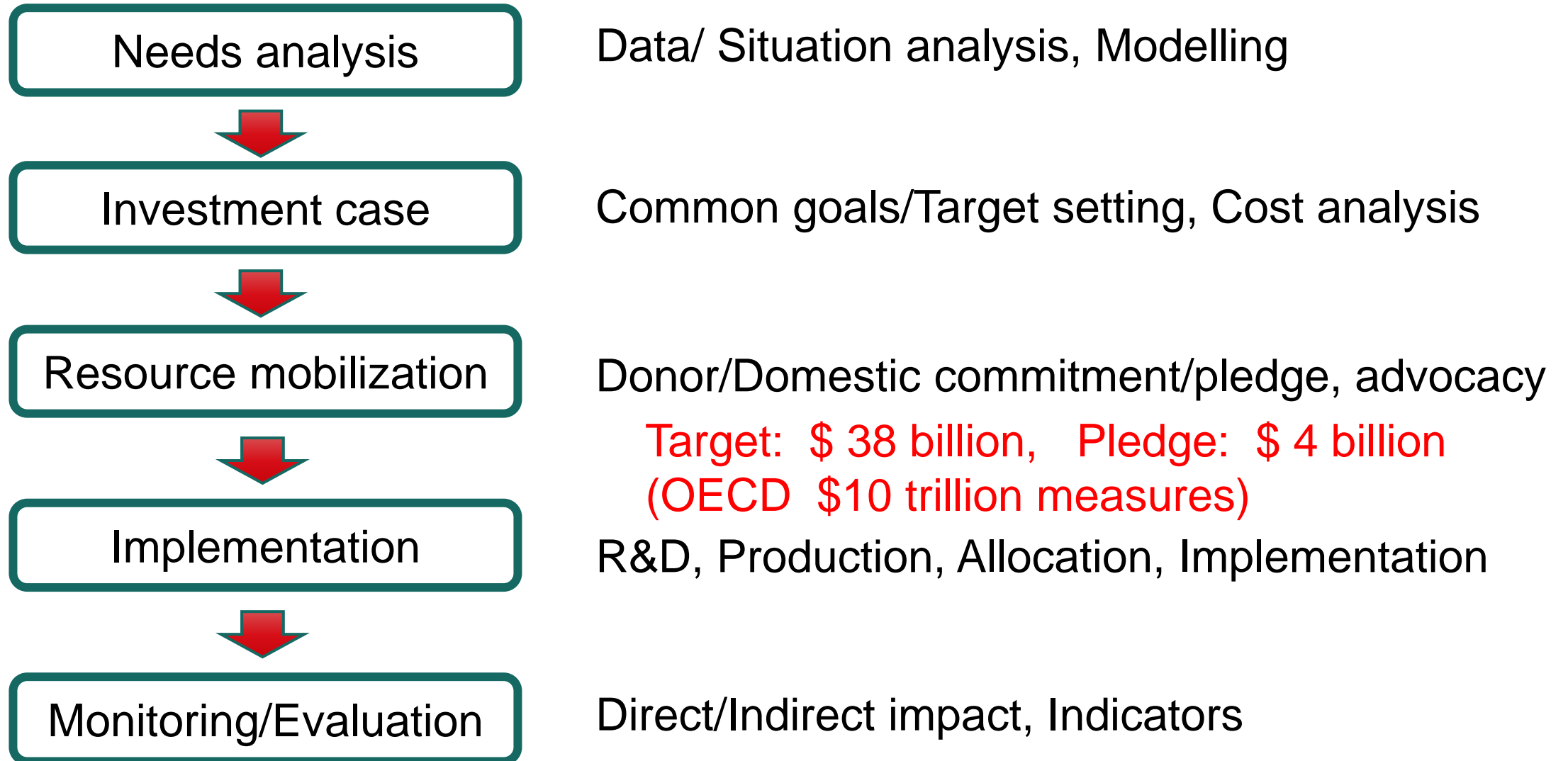
500 million
(mid-2021)

The Global Fund
To Fight AIDS, Tuberculosis and Malaria

Health System Connector

THE WORLD BANK

FLOW OF COLLABORATIVE WORK



ACT-A DIAGNOSTICS PILLAR

Automated **molecular (PCR) test**: (used for tuberculosis)

→ Antigen-based **rapid diagnostic tests** (120 million) in EUL

- Rapid testing: 15-30 min/ test
- Inexpensive < 5 USD/ test
- Easy to distribute/handle
- Initial US\$50M procurement fund

Global Fund, Africa CDC, B&M Gates Foundation, Clinton Health Access Initiative (CHAI), Foundation for Innovative New Diagnostics (FIND), Unitaid, WHO

GLOBAL FUND'S SUPPORT

Rapid, flexible and at-scale support: USD 1 billion, 100 countries

- Grant flexible (Reprogramming) – 3 days turnaround for review
- Covid-19 Response Mechanism (C19RM) – 10 days

Test-Trace-Isolate services

- training, infection prevention of lab/health workers

Supplies and logistics

- PPE, diagnostics, therapeutics, etc.
- Pooled procurement, Wambo (e-market place)

Community-led services/monitoring

- adherence to isolation/ social-distancing

TURN CRISIS INTO CHANCE

- **Global efforts and collaboration**
 - R&D : little interest/budget, “**neglected** tropical diseases”
 - Data : real-time, sharing, analysis/synthesis, visualization
- **Innovations**
 - Self-testing: e.g. HIV
 - Service delivery : multi-months dispensing, community-based
 - ICT : digital health