

## COVID-19 Pandemic

# Meeting the need for Medical Supplies of African countries in times of health crisis

30 April 2020

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# Epidemiologic Situation

As of 27 April 2020, 9 am EAT

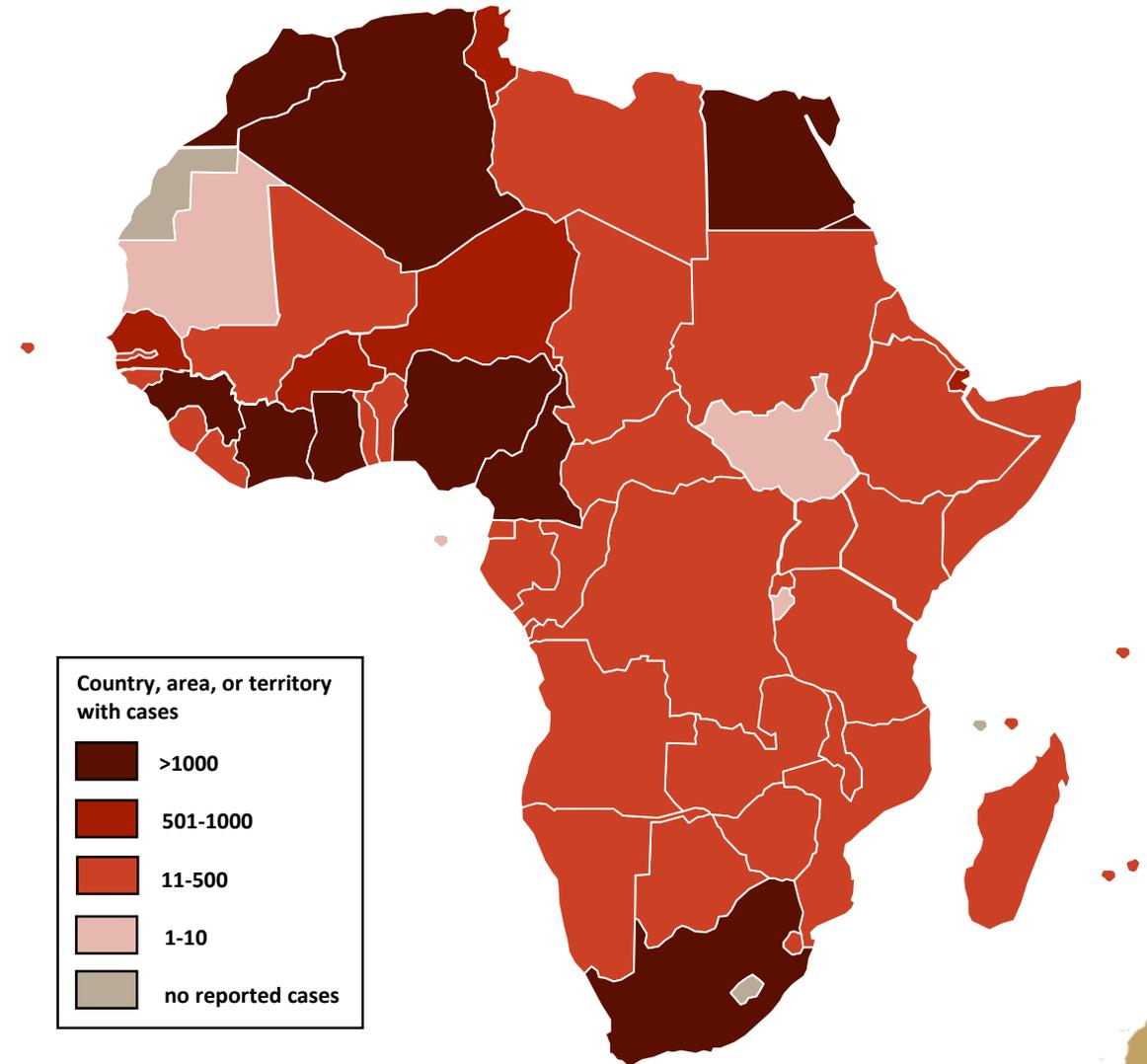
Region	Cases		Deaths		Recoveries		Cumulative CFR (%)	Countries in each region	
	New*	Total	New*	Total	New*	Total		# countries affected	# countries in the region
<b>TOTAL</b>	<b>516</b>	<b>31,933</b>	<b>23</b>	<b>1,423</b>	<b>161</b>	<b>9,566</b>	<b>4.46</b>	<b>52</b>	<b>55</b>
Central	39	2,794	0	97	0	922	3.47	9	9
Eastern	0	3,242	5	80	0	1,144	2.47	13	14
Northern	369	12,998	17	944	137	3,518	7.26	6	7
Southern	0	4,896	0	101	0	1,554	2.06	9	10
Western	108	8,003	1	201	24	2,428	2.51	15	15

# Epidemiologic Situation\*

As of 27 April 2020

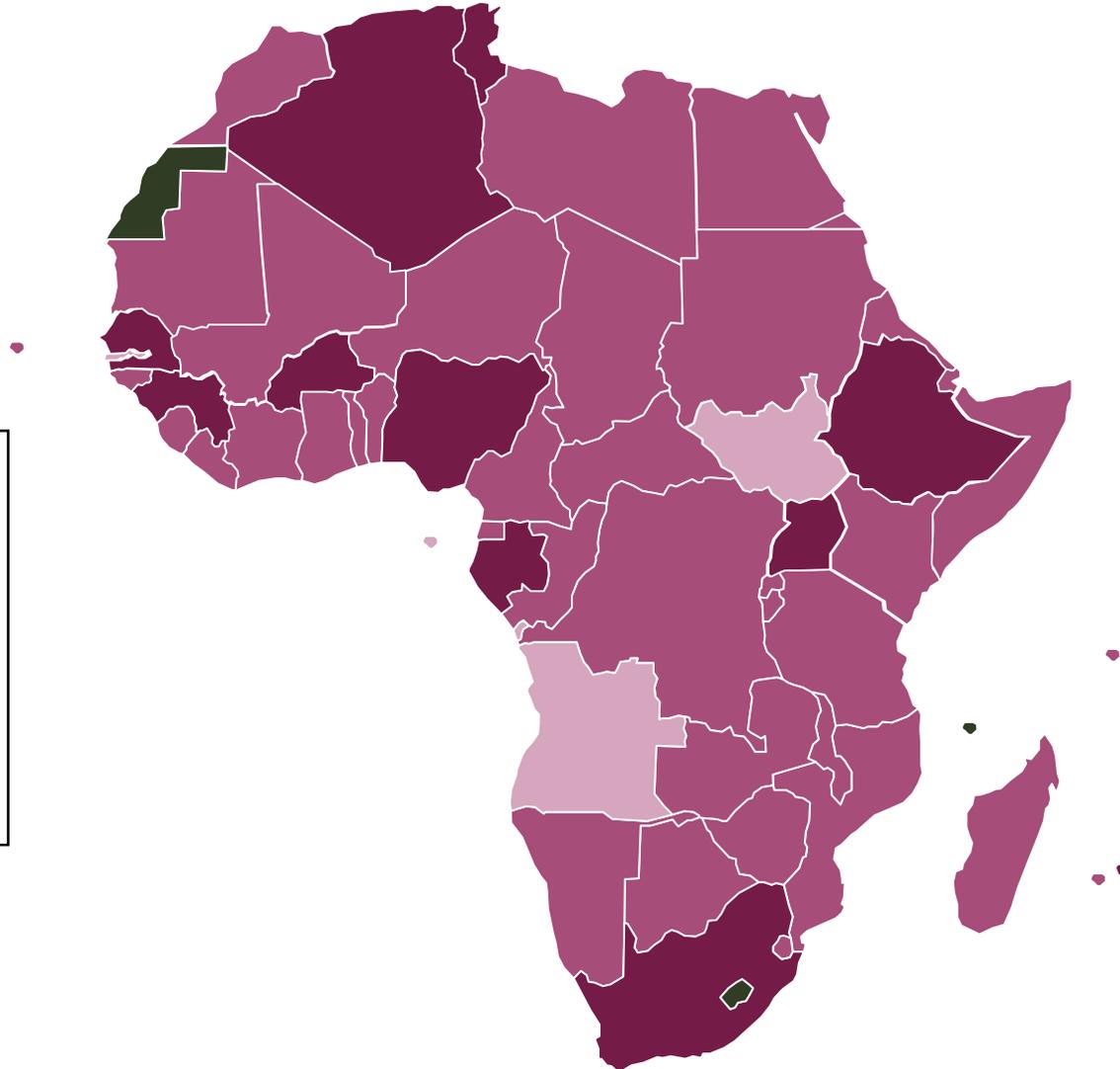
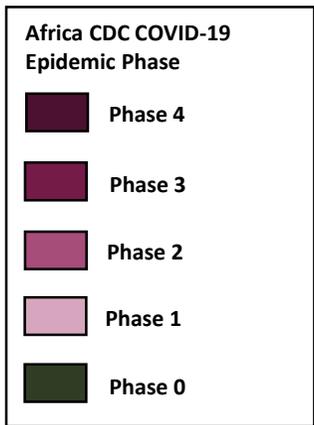
## The top 5 countries in Africa reporting the most cases:

- **South Africa:** 4,546 (14%)
- **Egypt:** 4,319 (14%)
- **Morocco:** 4,065 (13%)
- **Algeria:** 3,382 (11%)
- **Cameroon** 1,592 (5%)

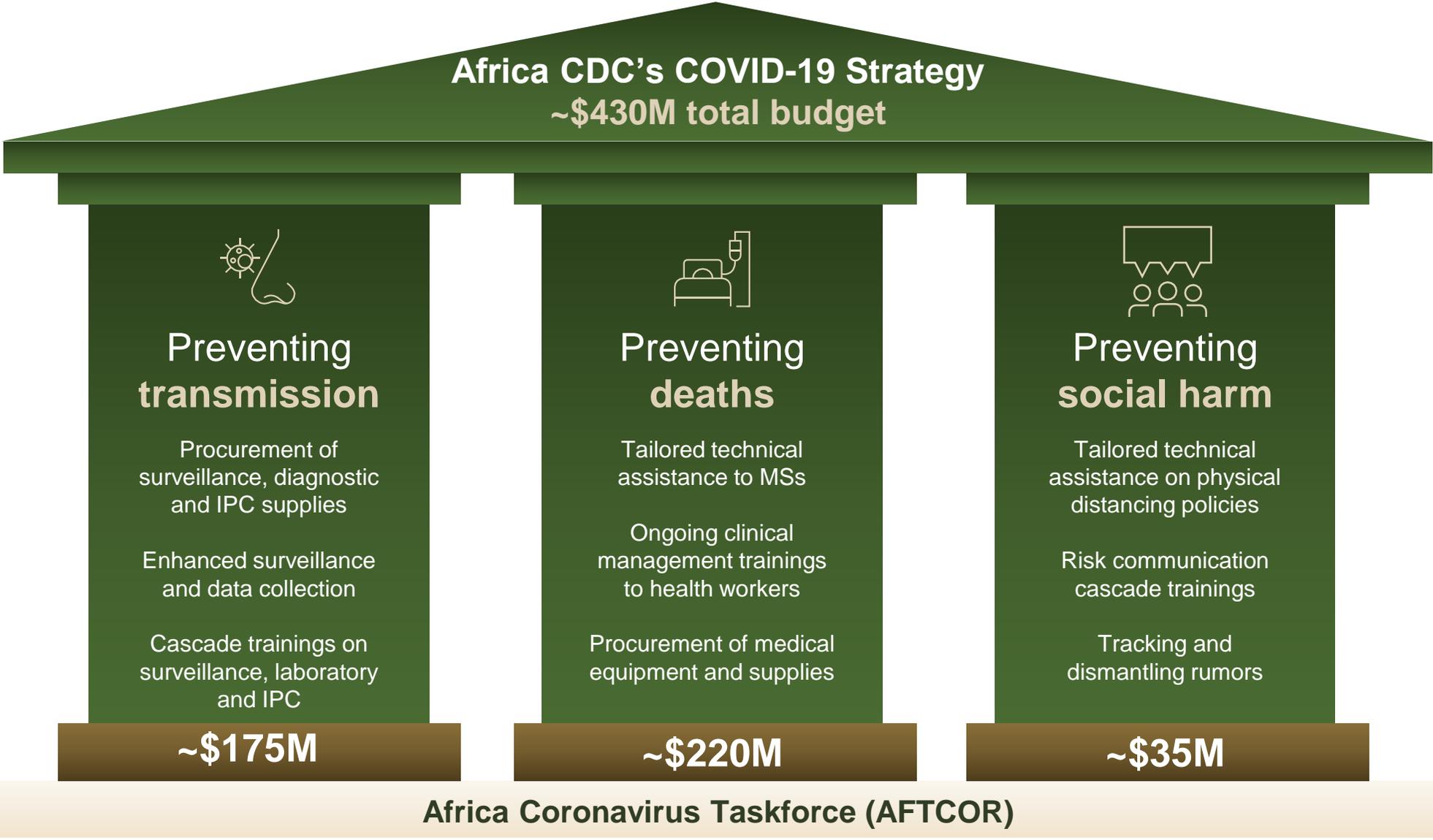


# Map of COVID-19 epidemic phase by countries in Africa

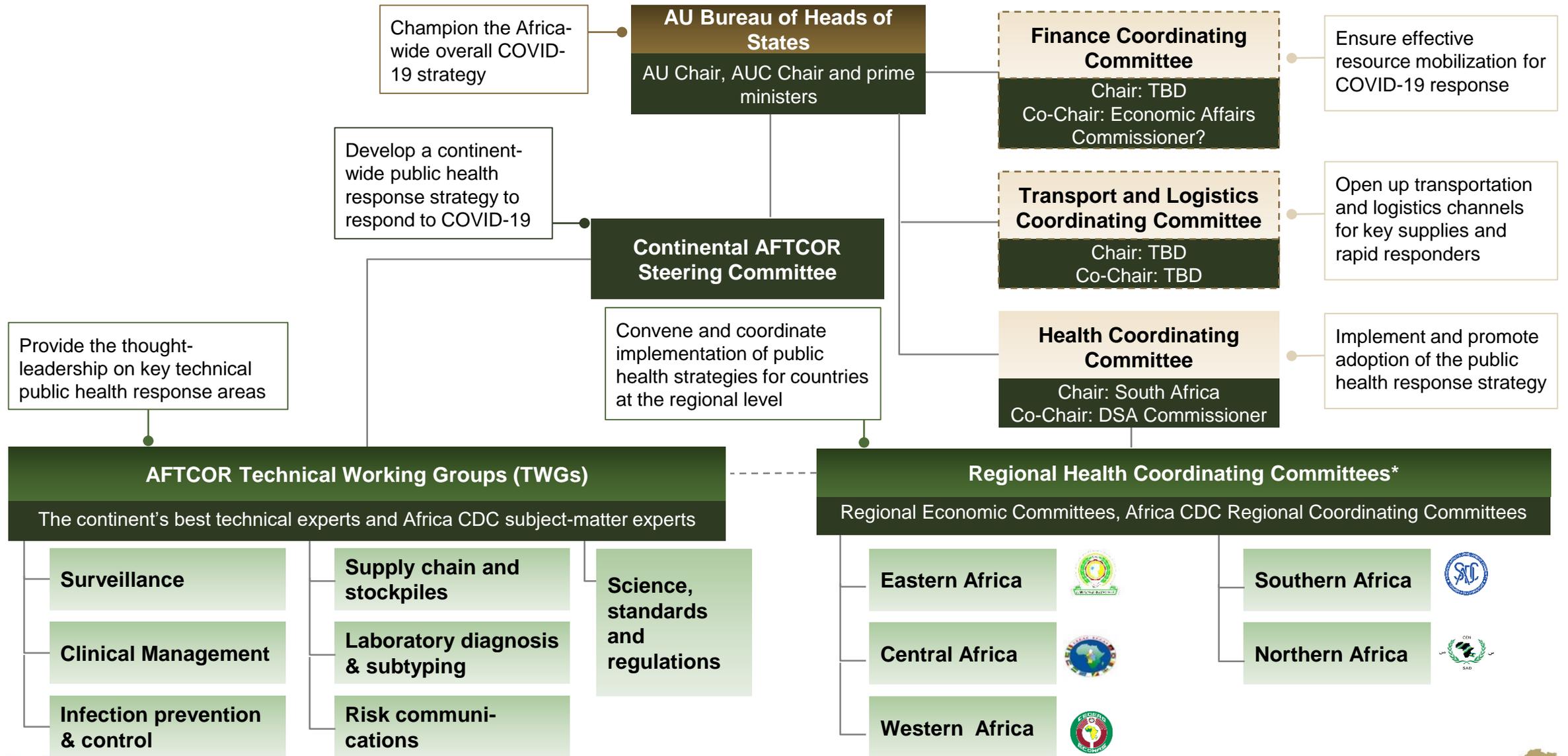
27 April 2020 9am EAT



# Africa CDC's strategy is grounded on three pillars and operationalized by the Africa Coronavirus Taskforce (AFTCOR)



# Overview of the Africa Task Force for Coronavirus (AFTCOR)



\*The REC coordinating Committees will align with the AFTCOR TWGs

# Key achievements of AFTCOR Technical Working Groups to date

## Surveillance



**23**

**countries trained** in Enhanced Point of Entry surveillance and / or Event based surveillance

Developed **Africa-specific guidance on contact tracing, physical distancing, meetings and travel**

**Develops daily updates on epidemiological data**

## Supply chain & stockpiles



**1.5M**

**laboratory tests and IPC supplies** from Jack Ma foundation distributed to African countries

**Stockpiled** surveillance, PPE, laboratory and medical supplies

## Laboratory diagnosis & subtyping



**42<sup>1</sup>**

**countries trained** on PCR diagnostics

**78K**

**tests distributed** to 42 Member States

**Developed SOPs** for testing, interpretation of test results, specimen collection and transportation and biosafety

## Clinical management



**1000+**

**clinicians onboarded** into the weekly online clinical management discussions

## Infection prevention & control



**39**

**countries trained** on IPC

**Developed Africa-specific guidance on quarantine**

## Risk communications



**26**

**countries trained** on risk communication

**Launch of surveys** to measure impact of physical distancing

**Developed risk communication materials** on COVID-19

## Science, standards and regulations



**Developing and refining epidemiological estimates** of the outbreak in Africa

**Developing analyses on impact of physical distancing measures on case growth**

The Partnerships for Accelerated COVID-19 Testing (PACT) initiative aims to ensure at least 10 million tests are conducted in Africa in the next 4 months

**P**artnership for  
**A**ccelerated  
**C**COVID-19  
**T**esting



## GOALS

1. Conduct **1M** tests in 1 month; **10M** in 4 months
2. Establish Africa-wide **pooled procurement**
3. Establish Africa-wide storage & **distribution hubs**
4. Deploy **1M** **health workers** for contact tracing
5. Standardize and deploy **new technologies for surveillance** to help reopen economies

# WHY PACT: Scaling-up testing capacity is an extremely important way to help contain the COVID-19 outbreak as evidenced by learnings from other affected countries

## Scaled-up testing...



...Helps **identify and isolate cases** especially those that have mild symptoms



...Enables **robust contact tracing** especially as countries remove lockdowns



...Uncovers **areas of concentration of cases**, to implement targeted measures, limiting economic and social harm



...Allows for **better insights into spread** of the disease

## Lessons from other countries



**South Korea** ramped up testing capacity to 15K tests / day last Feb, following massive # of cases in Daegu – case growth is now flat



**Iceland** has tested 10%+ of its people – it has 1,770 cases, and only has 9 deaths



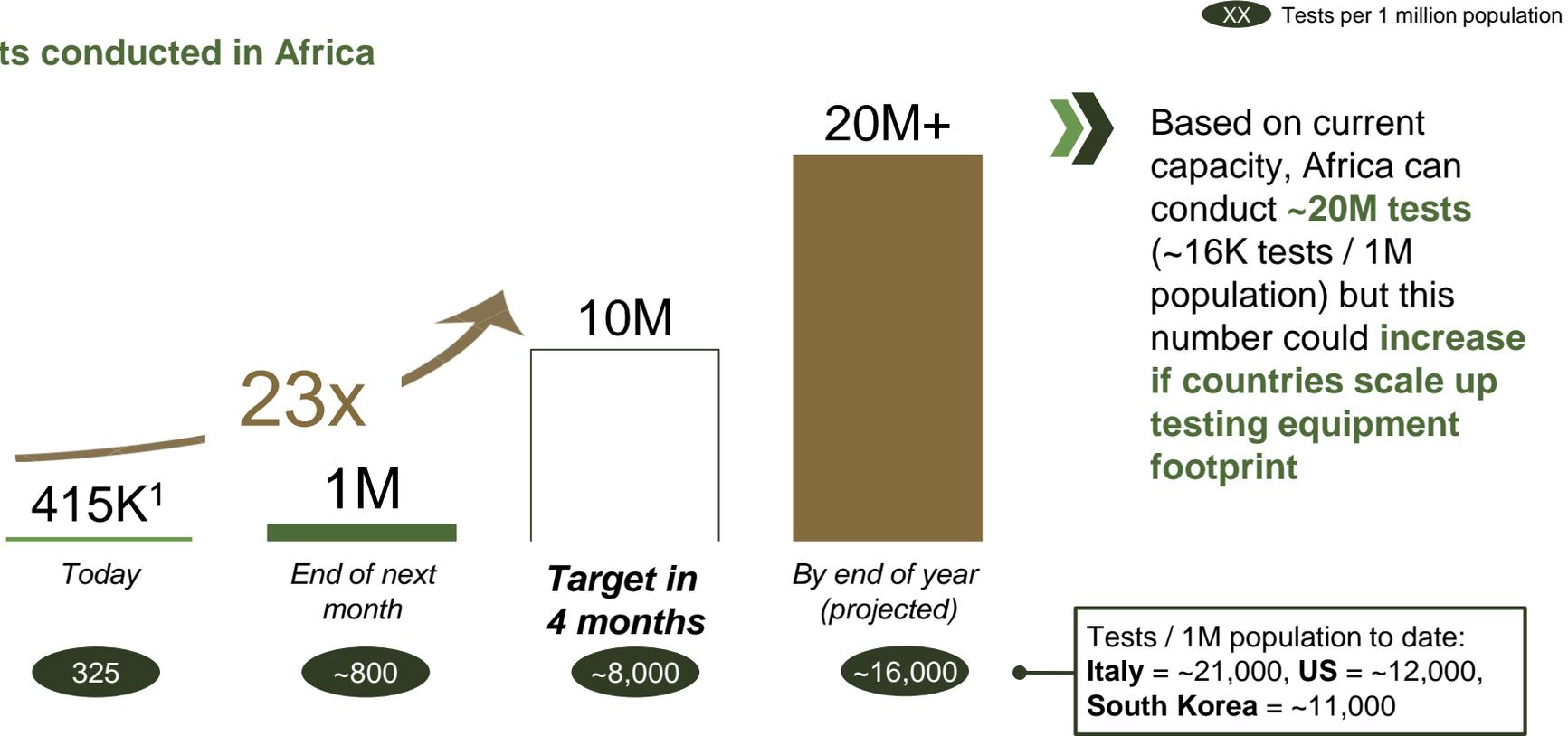
**Hokkaido**, had to reinstate the shutdown after 130+ cases with unknown links – Japan has one of the lowest tests / capita



**USA** was very slow to rollout testing – today it is now the epicenter of the outbreak

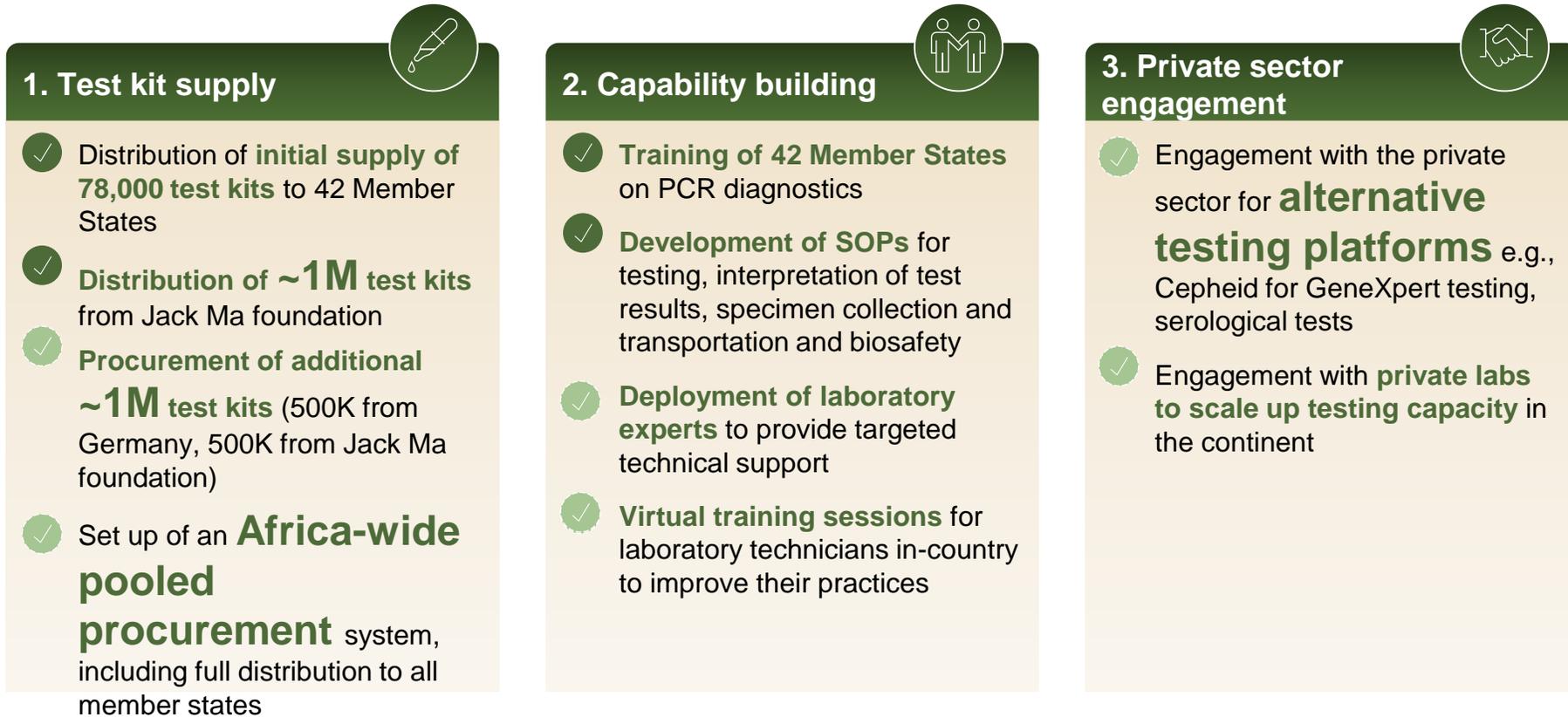
# TARGET: PACT aims to dramatically accelerate the number of tests in Africa to take advantage of the capacity that exists on the continent already

## Tests conducted in Africa



<sup>1</sup> Likely does not capture all testing but is the latest figures reported to Africa CDC

# HOW: PACT will scale up Africa's COVID-19 testing capacity in three ways



**If no known /  
limited  
community  
transmission**

Anyone with **fever and acute respiratory symptoms** who have been in a place in the last 14 days where COVID-19 is transmitting, and who is currently in a location without local transmission.

All **symptomatic contacts of a confirmed or probable cases** of COVID-19.

All SARI cases presenting to hospital in place where potential circulation of COVID-19 case is suspected.

**Healthcare workers** with symptoms consistent with COVID-19 disease regardless of exposure.

**If widespread  
community  
transmission**

**Severe acute respiratory infections presenting to hospitals.**

**Healthcare workers** with symptoms consistent with COVID-19 disease regardless of exposure.

Additional testing in areas with **high likelihood for rapid acceleration in transmission** (e.g., densely packed communities, areas with poor sanitation)

**TRACING INITIATIVES:** To complement its testing efforts, PACT will also rollout initiatives to strengthen the continent's capacity for contact tracing

## PACT initiatives on contact tracing

In addition to massive testing, **robust contact tracing is key to containing an outbreak**



Deployment and training of **community health workers** to support MSs on contact tracing



Engagement with technology companies to support the deployment of **contact tracing technologies** e.g., mobile apps



Set up of **surveillance data systems at MSs' Emergency Operations Centers** by deploying technical experts



Thank you!  
Merci!