

## **Nigeria Centre for Disease Control**

Protecting the health of Nigerians

## **COVID-19 Response** MID-ACTION REVIEW – STRATEGIC DIRECTIONS

June, 2020



## Introduction



- On 27 February 2020 Nigeria detected the first case of COVID-19 and the Nigeria Center for Disease Control (NCDC) immediately activated a full scale (L3) multi-sectoral emergency Operations center (EOC) to coordinate the outbreak response in collaboration with the States
- The response was based on an Incident Management System with thematic areas focusing on Surveillance and Epidemiology, Laboratory services, Point of Entry (POE), Infection Prevention and Control, Case management, Risk communication, Logistics, Coordination, Liaison and Research. An incident action plan (IAP) was developed to guide the response with an overarching goal to prevent the spread of COVID-19 in the country within 90 days
- Two months through the implementation of the IAP, the NCDC organised a Mid-Action Review (MAR) workshop to review the COVID-19 outbreak response in line with WHO recommendations to:
  - Identify best practices, milestones, lessons learnt and key gaps across response areas
  - Track performance of outbreak response to COVID-19 in line with the IAP
  - Make recommendations through lessons learnt to sustain and improve further response actions
- The outcome of the Mid-Action Review (MAR) were further refined into strategic directions which are outlined in this document



## **Strategic Directions**

## **Strategic Direction**



### GOALS

- Suppress transmission of COVID-19 by finding and isolating all cases, tracing and quarantining all contacts; ensuring physical distancing measures, hand and respiratory hygiene and appropriate restrictions on mass gatherings and non-essential travel
   Reduce mortality associated with COVID-19 by providing cases with appropriate care, training of health workers in case management, preventing contact with elderly as much as possible
   Mobilise all sectors and communities to ensure that every sector of government and society takes ownership and responsibility for the response
- Prevent the morbidity from other causes, directly or indirectly related to COVID-19 by ensuring the continuity of essential health and social services
- 5 Strengthen the health system to be better prepared in areas not yet severely affected by COVID-19
- 6 Achieve a **target testing** of 2 million Nigerians in 90 days to support surveillance, confirmation and response to the COVID-19 outbreak



## **Surveillance Pillar**

## Surveillance Pillar Strategic Direction



	Key Performance Indicators
Objective 1 Enhance community-based surveillance for COVID-19 to improve active case finding and sample collection	<ul> <li>Number of LGAs reporting suspected cases weekly</li> <li>Proportion of samples collected from identified suspected cases</li> </ul>
Objective 2 Strengthen data management and reporting at national and subnational levels	<ul> <li>Proportion of LGAs with 95% data completeness</li> <li>Proportion of states analysing and using findings from SORMAS data for decision making</li> </ul>
Objective 3 Improve contact tracing and active case search at all subnational levels	<ul> <li>Number of states with 90% contacts followed-up</li> <li>Number of states with Contact-to-Case ratio above 5</li> </ul>

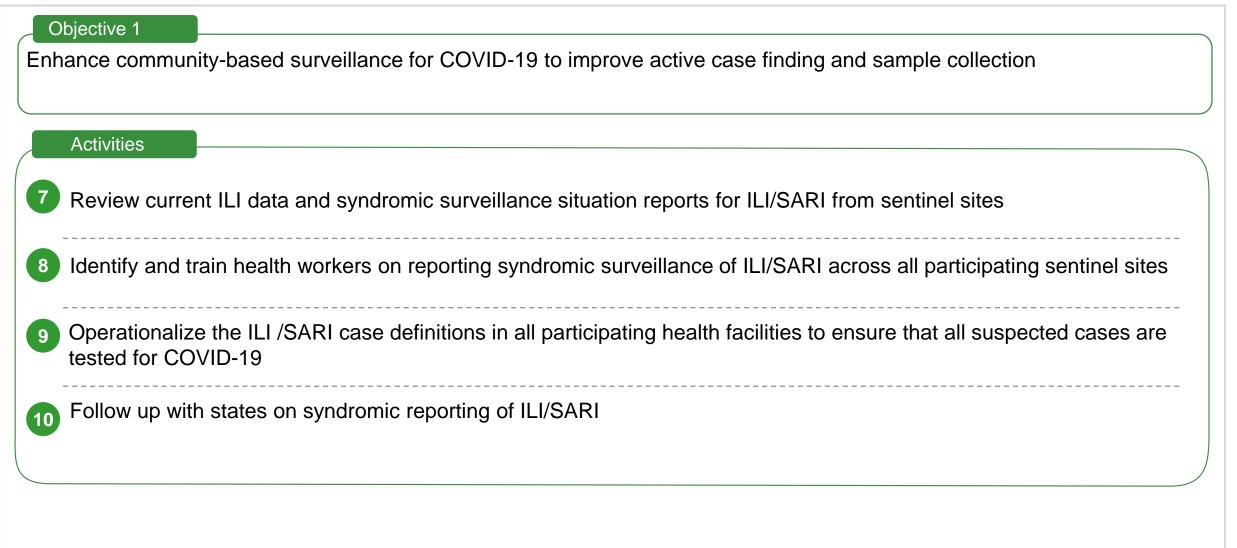
Surveillance Pillar Strategic Objective 1 (1/2)



	nce community-based surveillance for COVID-19 to improve active case finding and sample collection
	Activities
	Expand EBS and alert management systems to LGAs, wards and communities
2	Develop and disseminate community level reporting tools
	Train HCWs in 1,100 private and public health facilities in 36 states + FCT on case-finding, investigation, contact- tracing and reporting
4	Identify and train HCWs in selected health facilities on sample collection
5	Support health facilities to conduct outreaches in high burden areas
6	Engage LGA teams to conduct active case finding in high burden LGAs

Surveillance Pillar Strategic Objective 1 (2/2)





Surveillance Pillar Strategic Objective 2 (1/2)



	jective 2 Ingthen data management and reporting at national and subnational levels
	Activities
1	Implement Data Quality Improvement Plan
2	Implement SORMAS roll out to the remaining 12 states
3	Complete the standardization of result release through SORMAS across all surveillance data collection sites
4	Conduct routine data validation at state and LGA levels, to improve on quality
5	Roll out SORMAS at selected treatment centres

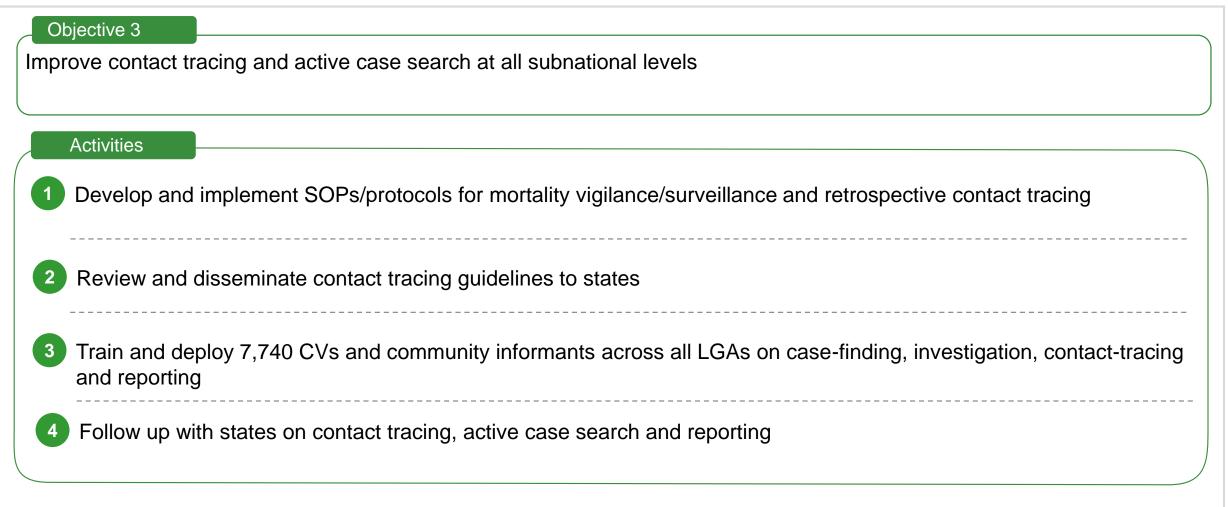
Surveillance Pillar Strategic Objective 2 (2/2)



	ctive 2 then data management and reporting at national and subnational levels
6 De	ctivities Develop a unified dashboard on SORMAS for visualization and tracking of the indicators at the National, state and GA levels
7 D	Define minimum indicators to be tracked at the state and the LGA levels









## Points of Entry Pillar (Coordinated by the Federal Ministry of Health – Port Health Services)

### Point of Entry Pillar Strategic Direction (1/2)



Key Performance Indicators
<ul> <li>Proportion of suspect/ill travelers further assessed</li> <li>Proportion of suspect ill/travelers successfully transferred to designated treatment centre</li> </ul>
<ul> <li>Proportion of POE with minimum stock levels</li> <li>Proportion of cleaners, ground handlers and other sanitation and hygiene staff at POE trained on IPC measures and use of PPE</li> </ul>
<ul> <li>Proportion of travelers exposed to at least one risk communication material during the facilitation through the POE</li> <li>Proportion of frontline officers at each POE trained on the basics of COVID-19 and IPC in</li> </ul>

### Point of Entry Pillar Strategic Direction (2/2)



#### Objective 4

Facilitate effective coordination of national multi-sectorial planning and response to public health emergencies across all POE

#### **Key Performance Indicators**

- Proportion of Designated POE with functional PHEMTs
- Number of SSVs undertaken by NPEHRC-POE members to identified POEs
- Number of POE scoring of over 70% on the NPHERC-POE SSV checklists

### Point of Entry Pillar Strategic Objective 1 (1/2)



## **Objective 1** Enhance Entry and Exit Screening (and related response activities) at POE **Activities** Facilitate primary and secondary screening for travelers using Nigeria POE. (Including domestic terminals/aerodromes) Obtain travel history and document passenger contact details through Passenger Screening Reporting Forms (PSRFs) and other travel documents. Facilitate the Implementation of event-based reporting (through the SORMAS platform) at POE Conduct planned cross-border engagement meeting with neighboring countries (across the Nigerian-Benin, Nigerian-Niger and Nigerian-Cameroon Borders) to establish and Entry/Exit screening measures Provide safe holding areas at POE (Prefab porta-cabins as holding areas, field tents, etc.) for travelers designated for 5 isolation, quarantine and/or other health security control measures





## **Objective 1** Enhance Entry and Exit Screening (and related response activities) at POE **Activities** Facilitate sample collection at POE for arriving passengers. Set-up a sample collection booth protocol spaces for collection team Facilitate the implementation of the Safe Corridor Initiative in global aviation Ensure prompt and safe transfer of suspect/ill travelers from the airport to designated treatment/isolation centers. 8 Engage and train 15 Ambulance Drivers for the 5 international airports - Lagos, Kano, Abuja, Rivers and Enugu (run 2 shifts in 24 hours, 7 days a week while the 3rd driver is off duty). Designate a quarantine escort team to monitor the transport of travelers from POE to quarantine locations Conduct drills (announced and unannounced exercises) at POE to continually test the suspect/ill traveler identification, notification and evacuation protocols





## Objective 2 Promote the safe implementation of routine travel facilitation and recommended COVID-19 measures at POE Activities Procure and stockpile IPC commodities at all Points of Entry (for use by frontline officers across agencies) Distribution of IPC materials and screening forms to 5 International Airports, 6 Seaports and <50 Ground crossings 2 Facilitate the use of appropriate SOPs and checklist in the disinfection of facilities and conveyances at POE. 3 Designate an inter-agency IPC team at each POE to oversee this process. Monitor and implement the use of PPE (facemasks prominently) by travelers, staff and other member of the POE 4 community. Ensure rationale use PPE by POE staff





#### Objective 3

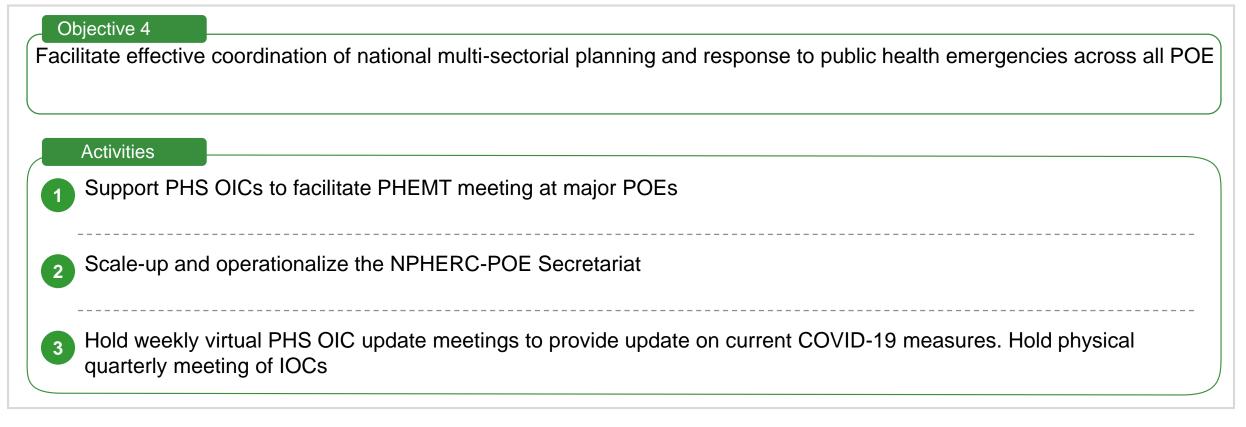
Provide and facilitate the provision of critical information on prevention and control of COVID-19 to the POE Community

#### Activities

- Display and distribute across all POE and domestic airports, IEC messages developed by Federal Ministry of Health and NCDC on electronic billboards, roll up banners, flex banners, posters and hand bills. [FMOH/HPD, NCDC Risk Communication].
- 2 Engage and educate arriving passengers on quarantine/isolation protocols and contact details of public health authorities
- Training of POE staff (PHS, surge staff and frontline agencies) across all POE/PHS Formations on COVID-19 and IPC measures
- 4 Hold weekly virtual PHS OIC update meetings to provide update on current COVID-19 measures. Hold physical quarterly meeting of IOCs.









## **Case Management Pillar**

# (Coordinated by the Federal Ministry of Health – Department of Hospital Services)

# Case management Pillar Strategic Direction (1/2)



	Key Performance Indicators
Objective 1 Provide guidelines, SOPs and protocols for clinicians managing COVID- 19 cases	<ul> <li>Proportion of treatment centres managing cases with guidelines, SOPs and protocols developed</li> </ul>
Objective 2 Ensure effective management of all cases by providing clinical support & advisory services to treatment centres and clinicians, while ensuring provision of other health services	<ul> <li>Proportion of clinical cases resolved per week by the clinical advisory team</li> <li>Proportion of recovered cases with co-morbidities</li> </ul>
Objective 3 Strengthen data management and reporting across at national and subnational levels	<ul> <li>Proportion of treatment centres reporting using MOBENZI</li> </ul>
	<ul> <li>Proportion of centres with 90% data completeness</li> </ul>

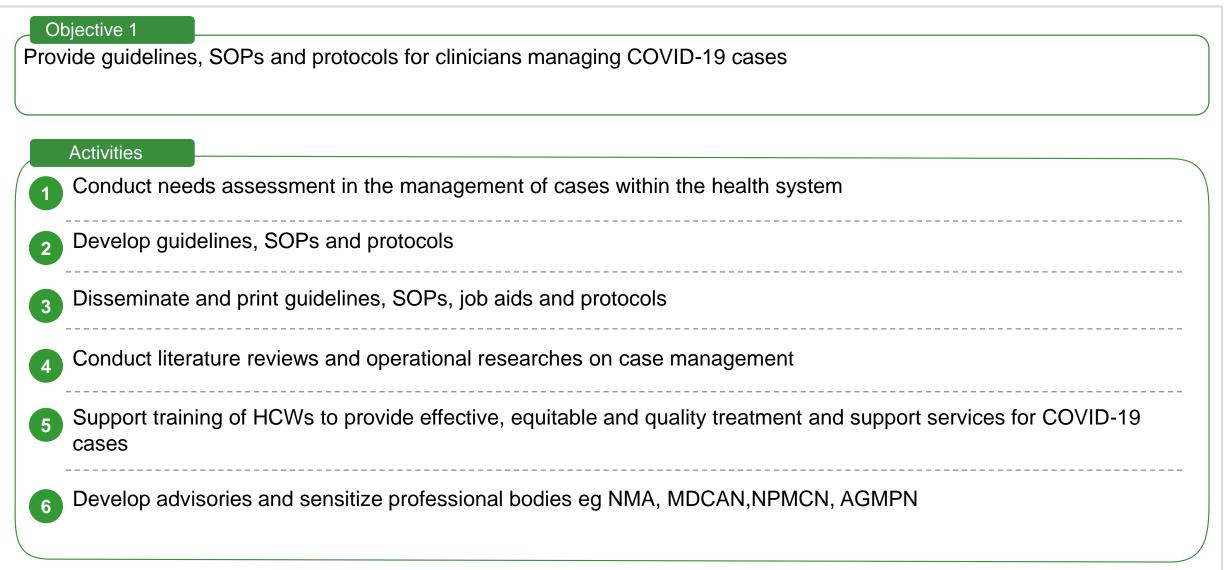




	Key Performance Indicators
Objective 4 Strengthen referral system	<ul> <li>Proportion of confirmed cases in the case management pathway(isolation/treatment/ home care)</li> </ul>
	<ul> <li>Proportion of cases referred from one level of care to another</li> </ul>
	<ul> <li>Proportion of feedback received among levels of care</li> </ul>

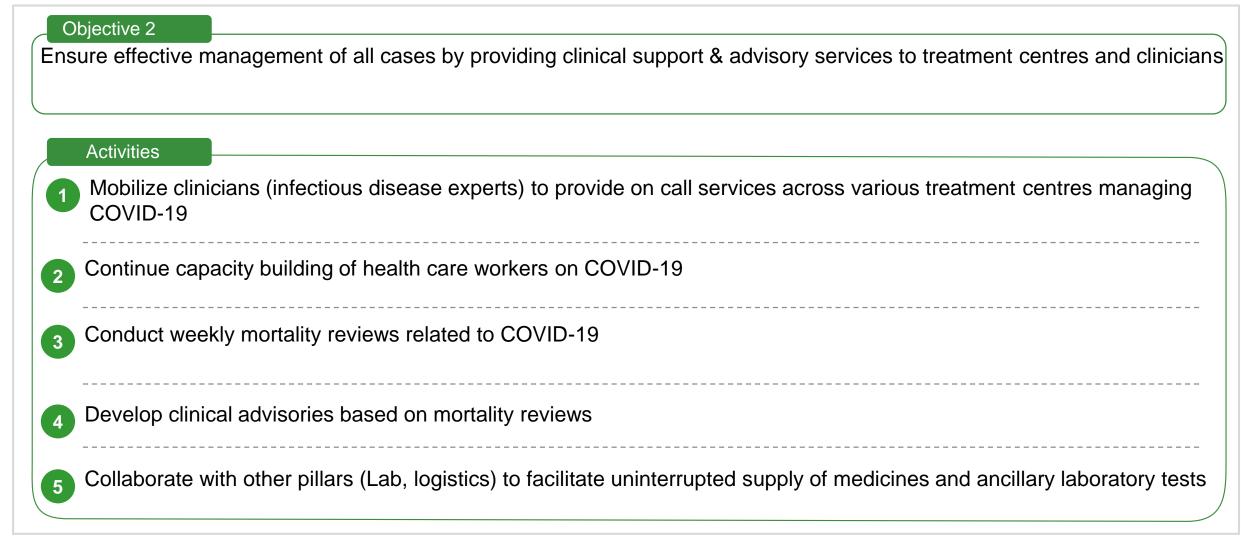






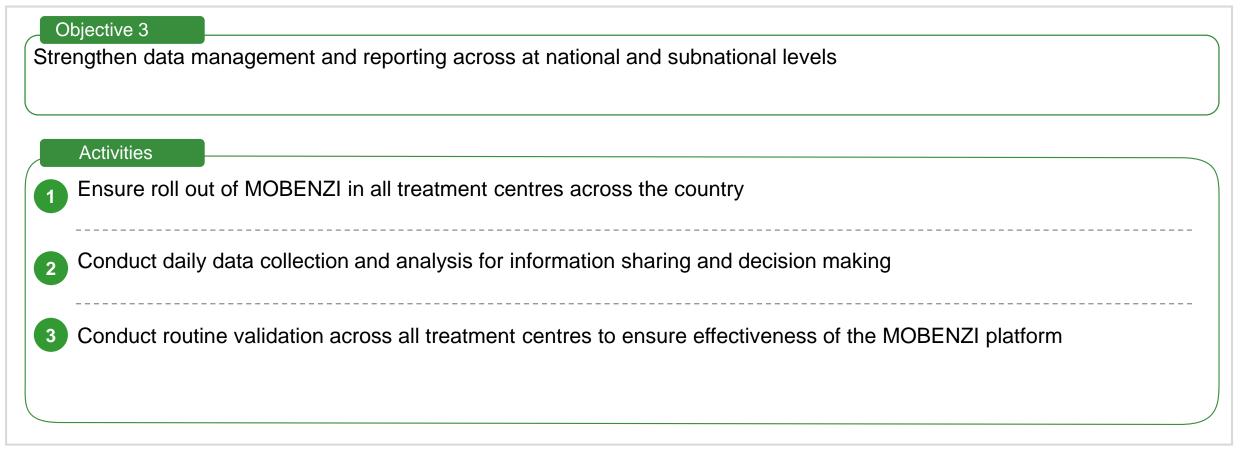
















	ojective 4 ngthen referral system
	Activities
1	Develop protocols for referral of COVID-19 patients
2	Develop guidelines and SOPs for ambulance services/ operations for COVID-19
3	Provide effective transportation system for movement of COVID-19 cases from one level of care to the other
4	Build capacity of ambulance service operators



## **Laboratory Pillar**

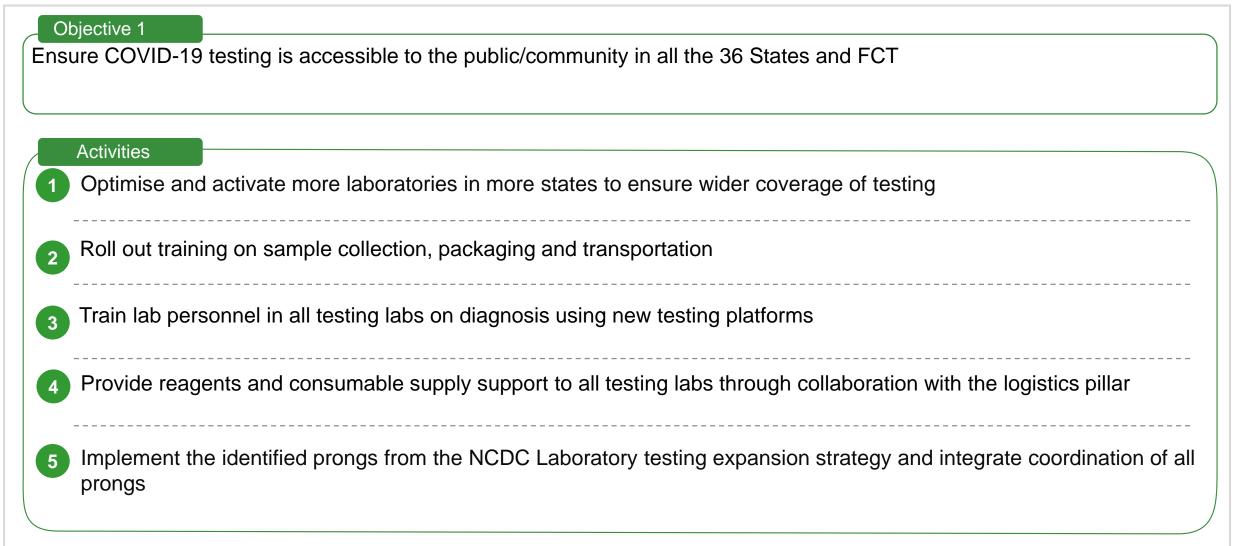
# Laboratory Pillar Strategic Direction



	Key Performance Indicators
Objective 1 Ensure COVID-19 testing is accessible to the public/community in all the 36 States and FCT	<ul> <li>% of States with at least one COVID-19 testing labs (≥80%)</li> </ul>
Objective 2 Improve the quality of lab testing and turn-around-times	<ul> <li>% of testing labs with turn-around-time within 24 hours</li> </ul>
Objective 3 Improve the testing platforms through research and innovative technology to include influenza and other viral respiratory pathogens	<ul> <li>% of COVID-19 positive using ILI and SARI case definition in both communities and health facilities</li> </ul>

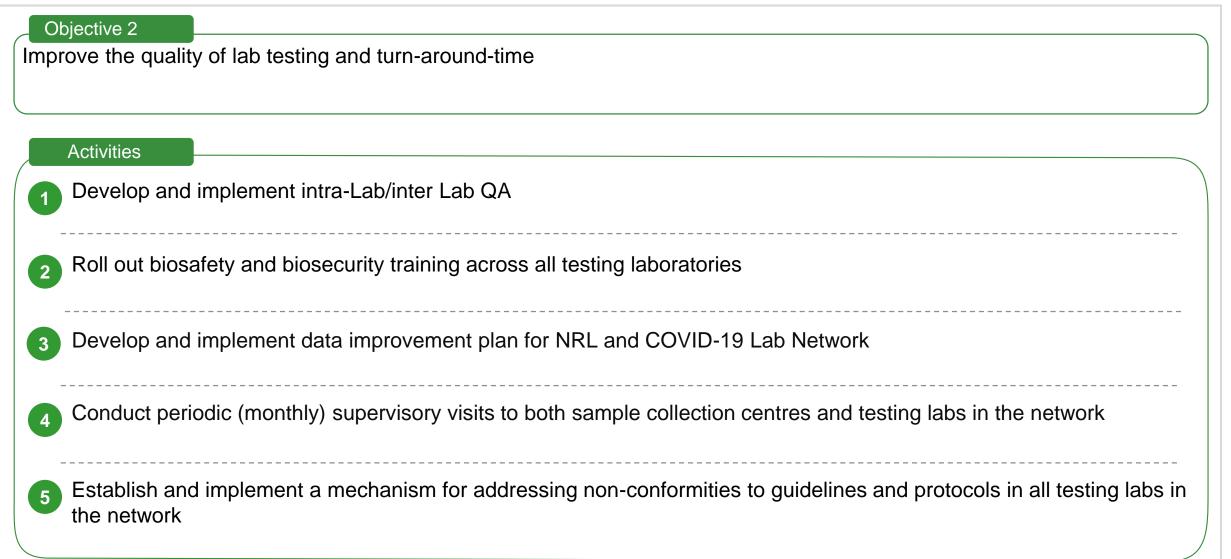
















#### Objective 3

Improve the testing platforms through research and innovative technology to include influenza and other viral respiratory pathogens

#### Activities

Conduct research on sample types and sampling period to improve COVID-19 diagnosis

2 Conduct research on status of cases to the degree of positivity

3 Support the expansion of in country capacity on the production of reagents and other consumables through collaboration with the private sector, research institutions and UN



### **Infection Prevention & Control Pillar**

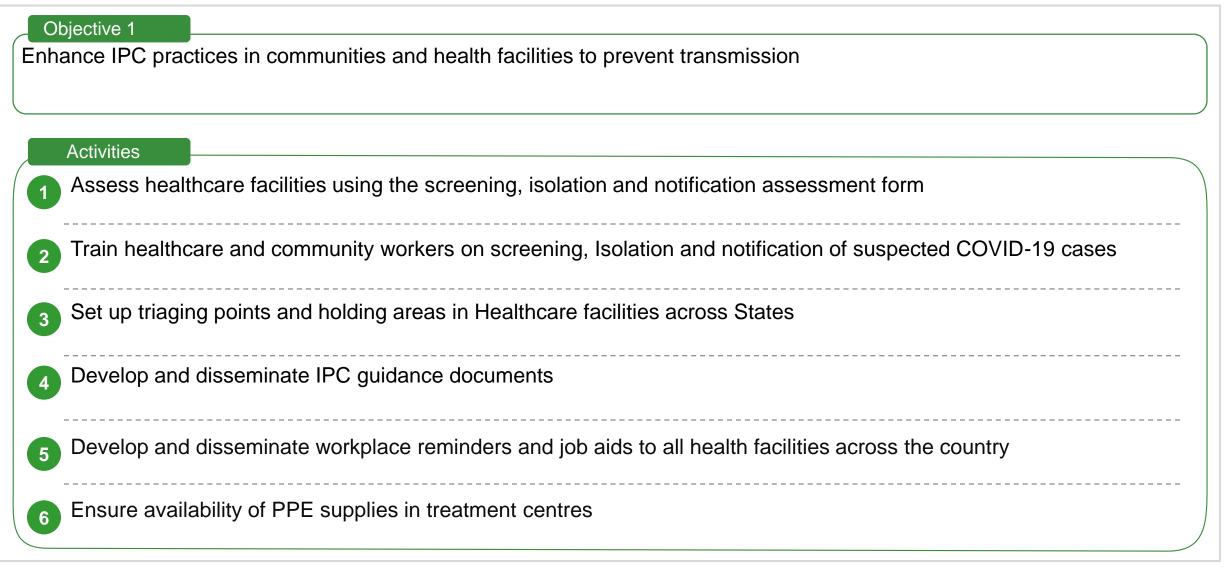
## **Strategic Direction**



	Key Performance Indicators
Objective 1 Enhance IPC practices in communities and health facilities to prevent transmission	<ul> <li>% of health facilities with functional triage systems per state</li> <li>% treatment centres with no PPE stock out in past 48 hours (100%)</li> </ul>
Objective 2 Reduce Health Associated Infections (HAI) in testing laboratories and treatment centres	<ul> <li>% health care worker infection in a COVID-19 treatment centre &lt; 2%</li> </ul>

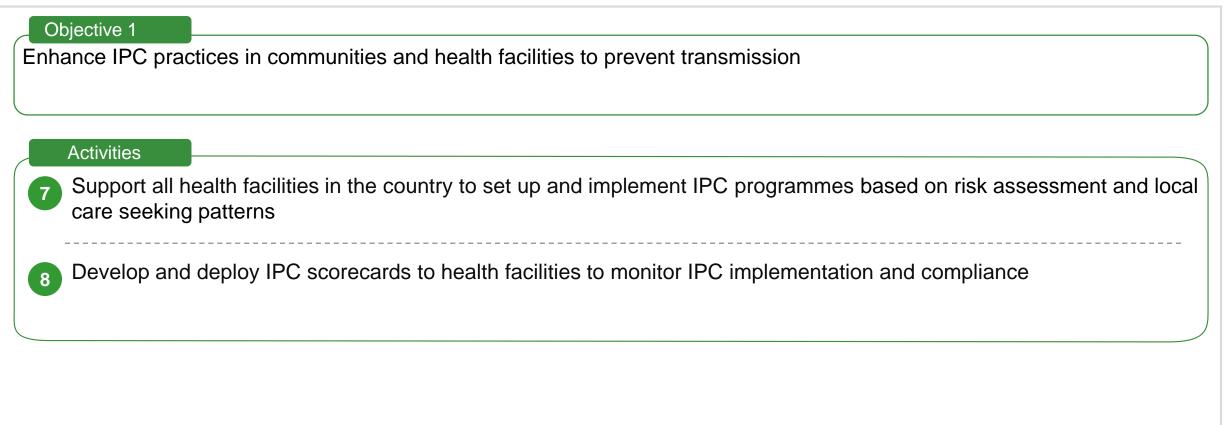






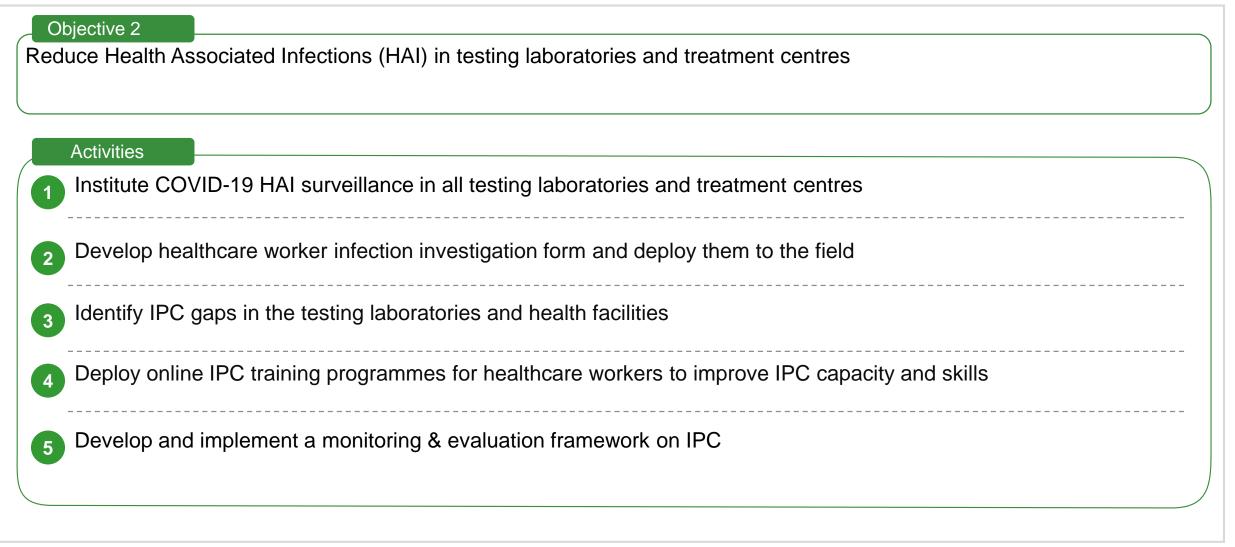














### **Logistics Pillar**

#### Logistics Pillar Strategic Direction



	Key Performance Indicators
Objective 1 Ensure availability of COVID-19 IPC materials and identified critical response materials in all testing laboratories and treatment centres	<ul> <li>% of TCs and designated Labs without stockout of COVID 19 health commodities</li> </ul>
Objective 2 Strengthen warehouse operations at national and subnational levels to preserve the shelf life of supplies	<ul> <li>Proportion of states with pharma grade warehouse</li> <li>% of states with less than 50% utilization of warehouse</li> </ul>
Objective 3 Strengthen data management of the national supply chain	<ul> <li>% proportion of facilities that submit monthly utilization data to NCDC supply chain</li> </ul>
Objective 4 Strengthen strategic stockpiles at a national and sub-national level	<ul> <li>% Proportion of States that have strategic stockpile for a minimum of one month.</li> </ul>





#### Objective 1

Ensure availability of COVID-19 IPC materials and identified critical response materials in all testing laboratories and treatment centres

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A	ctivities	

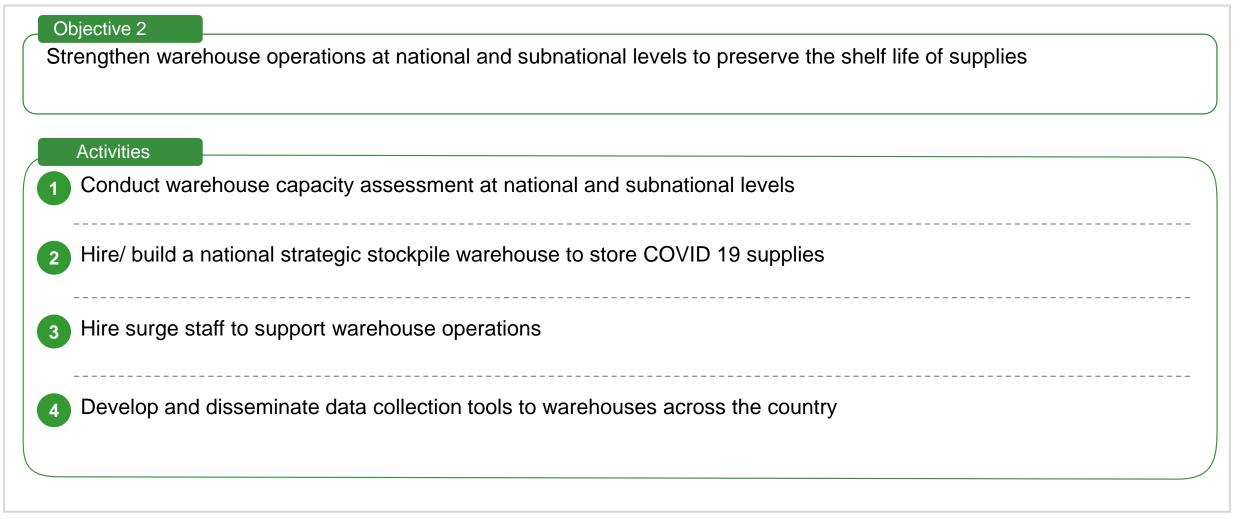
1 Review and update the supply forecast template

2 Develop and implement a supply & procurement plan for IPC commodities and response supplies

3 Develop a monitoring framework for the supply of IPC commodities and response supplies

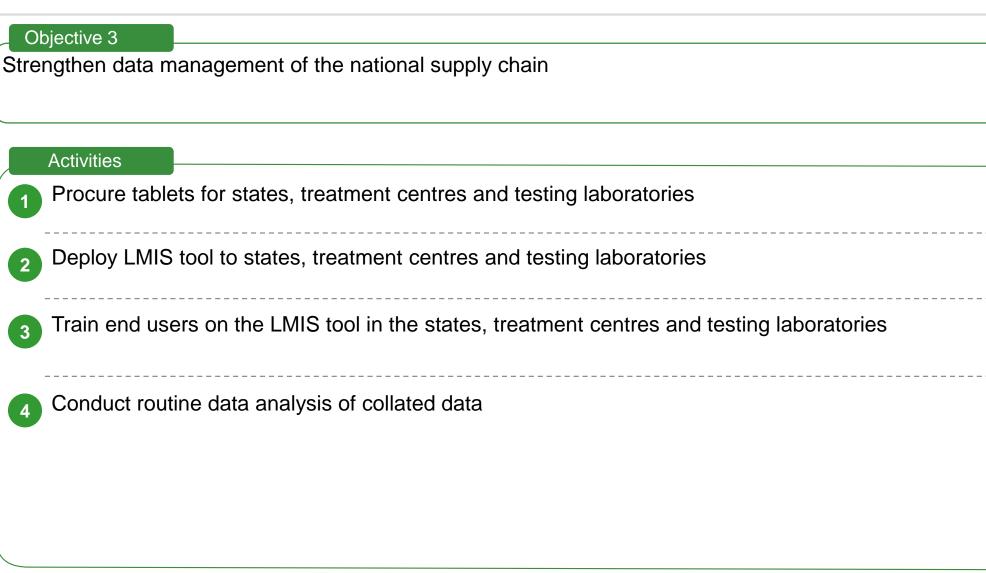






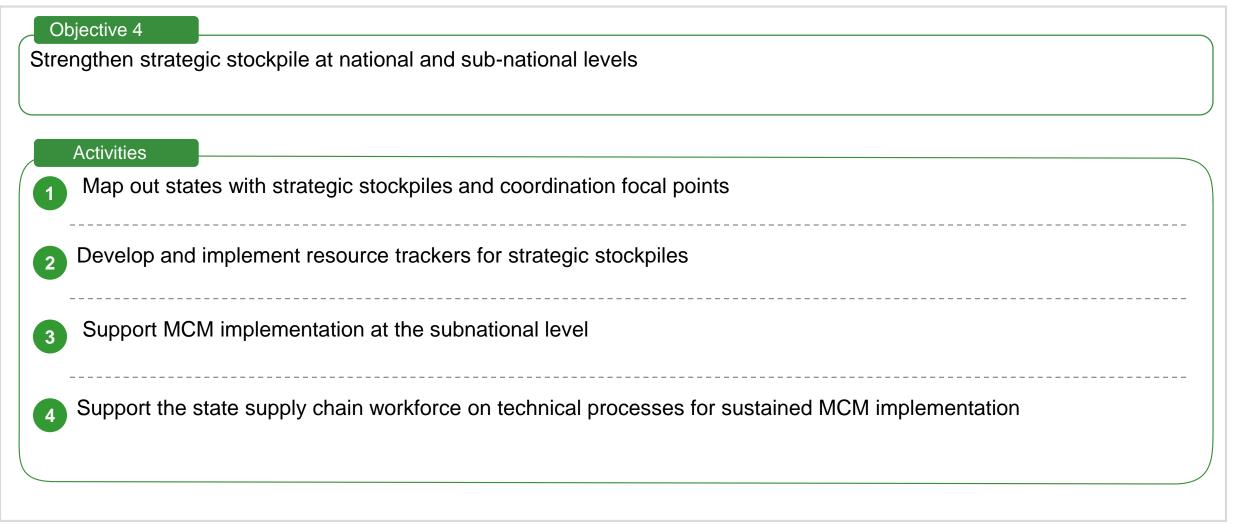














#### **Risk Communications Pillar**

# Risk Communications Pillar Strategic Direction



	Key Performance Indicators
Objective 1 Increase stakeholders engagement, with clearly defined roles and responsibilities	Number of stakeholders engaged
Objective 2 Strengthen coordination capacity to promote ownership of the 'Take Responsibility' campaign at subnational levels	<ul> <li>Number of initiatives kicked off by states on risk communications and community engagement</li> <li>Number of persons reached with Take Responsibility messaging</li> </ul>

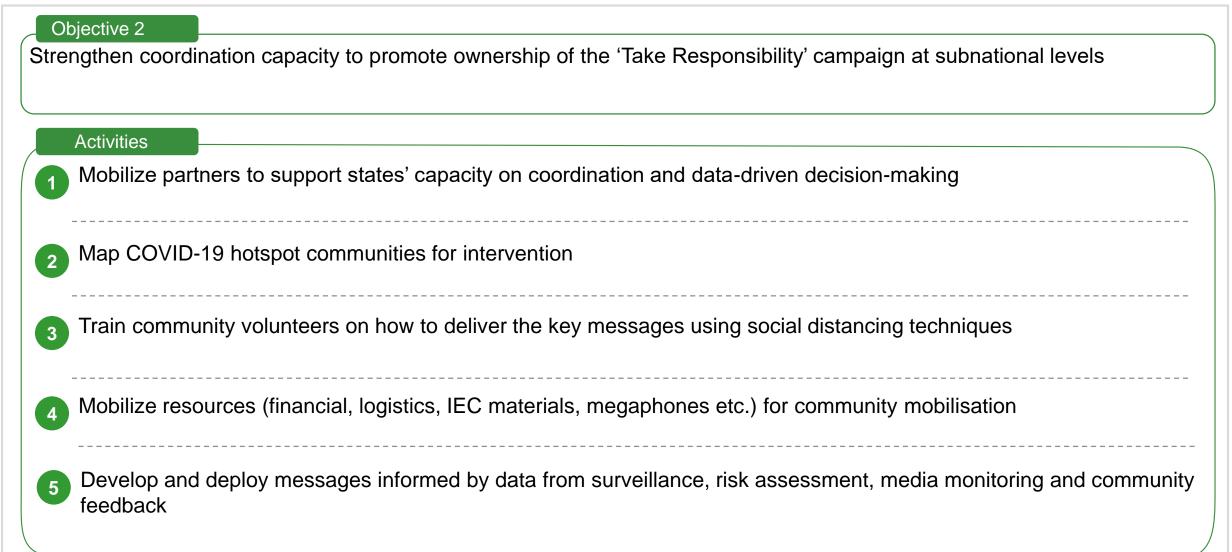




## **Objective 1** Increase stakeholders engagement, with clearly defined roles and responsibilities Activities Map relevant stakeholders for resources and implementation Organize engagement meetings with stakeholders for buy-in and commitment; assign clear roles for synergy and 2 avoidance of duplication Develop framework for message sharing and information flow at all levels, for stakeholders engagement 3 Track stakeholders activities to monitor progress of implementation and provide feedback to stakeholders 4









#### **Partnerships Pillar**

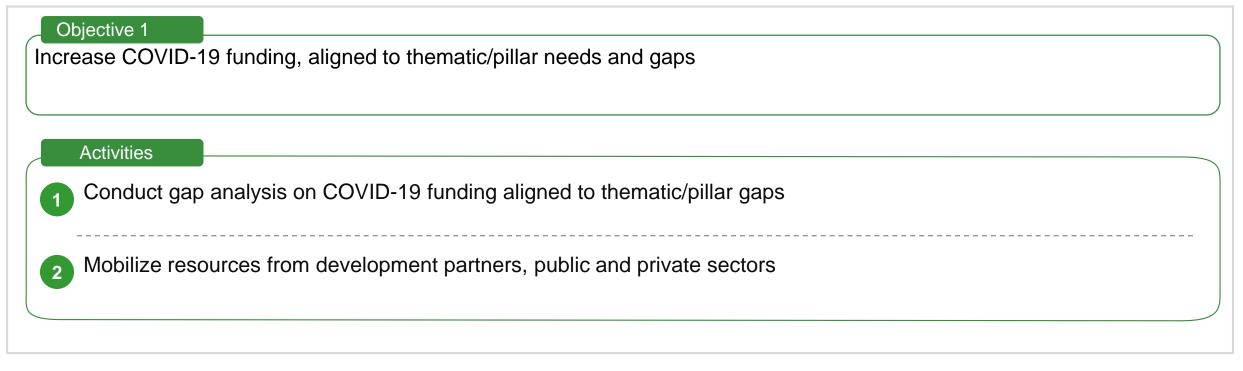




	Key Performance Indicators
Objective 1 Increase COVID-19 funding, aligned to thematic/pillar needs and gaps	<ul> <li>Proportion of funding available for all pillars' response activities</li> </ul>
Objective 2 Increase accountability and transparency on COVID-19 resources	<ul> <li>Number of bulletins developed and shared</li> </ul>
Objective 3 Provide guidance to states PHEOC on resource mobilization, tracking and documentation	<ul> <li>Number of stakeholder sessions with the states</li> <li>Number of guidelines produced</li> </ul>

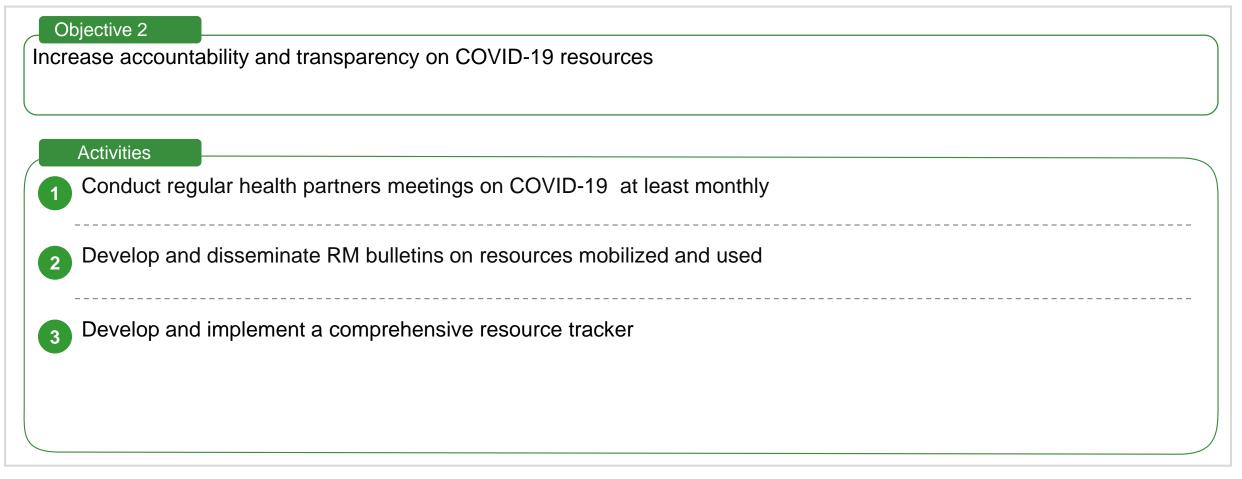






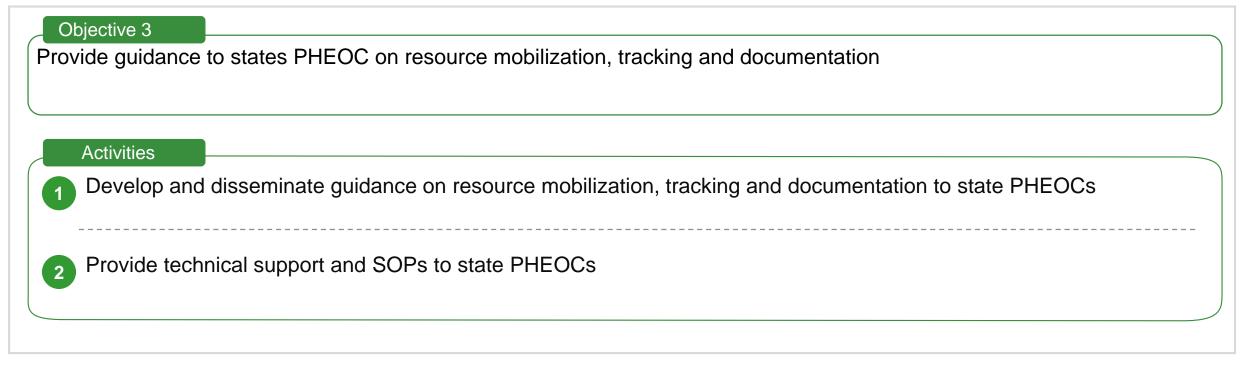














#### **Research Pillar**

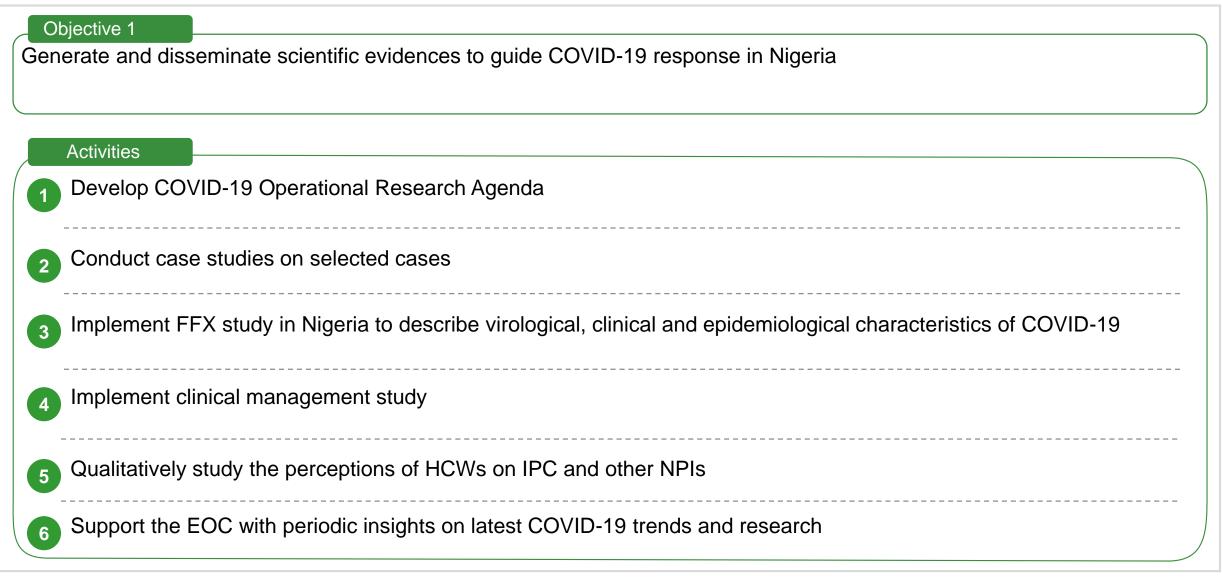
# Research Pillar Strategic Direction



Objective	Key Performance Indicators
Objective 1 Generate and disseminate scientific evidences to guide COVID-19 response in Nigeria	<ul> <li>Dissemination of research findings guiding the COVID-19 response</li> </ul>
Objective 2 Support scientific writings and publications on COVID-19 outbreak in Nigeria	<ul> <li>Number of scientific writings submitted for publication</li> </ul>

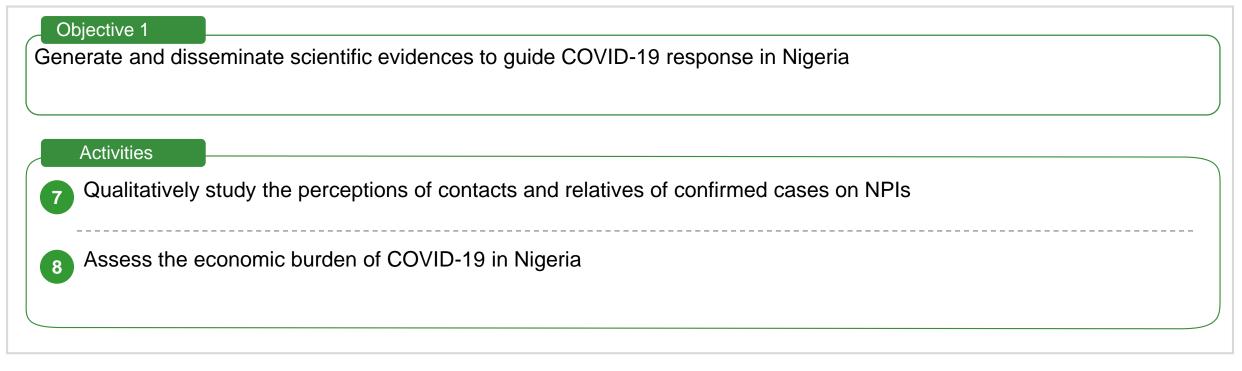
Research Pillar Strategic Objective 1 (1/2)





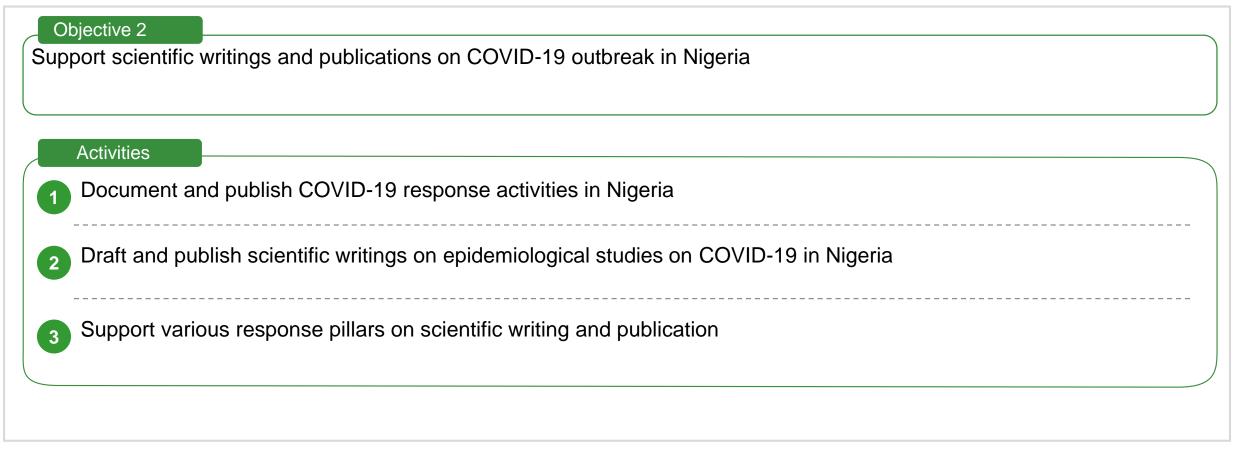
Research Pillar **Strategic Objective 1 (2/2)** 













#### **Coordination Pillar**

## Coordination Pillar Strategic Direction



	Key Performance Indicators
Objective 1 Improve coordination and communication on COVID-19 response activities at National and sub-national levels	<ul> <li>Number of states sharing daily Information with the national EOC e.g. SITREPS, or any other relevant information (100% of states)</li> </ul>
Objective 2 Facilitate timely implementation and tracking of National and state IAPs for COVID-19	<ul> <li>At least 80% of activities in the IAP are implemented at the national and states levels</li> </ul>





#### **Objective 1** Improve coordination of the COVID-19 response activities at National and sub-national levels Activities Implement the revised National COVID-19 EOC coordination and communication strategy at the National EOC Reorient and train state teams on the principle of IMS and COVID-19 preparedness and response 2 Coordinate pre-deployment and deployment of staff through pillar leads to support EOC response at state level 3 Support routine sharing of data between EOCs at sub-national and national levels, including technical support for 4 data visualisation Coordinate bi-weekly meetings between NCDC and selected state focal persons to identify response gaps, problem 5 solving and lessons learnt Support states to develop plans to address identified gaps 6





# Objective 2 Facilitate timely implementation and tracking of National and state IAPs for COVID-19 Activities 1 Support the prompt development and revision of IAPs at National and sub-national levels 2 Roll-out dashboards to track status of IAP implementation at the National level and work with states to implement similar dashboards



