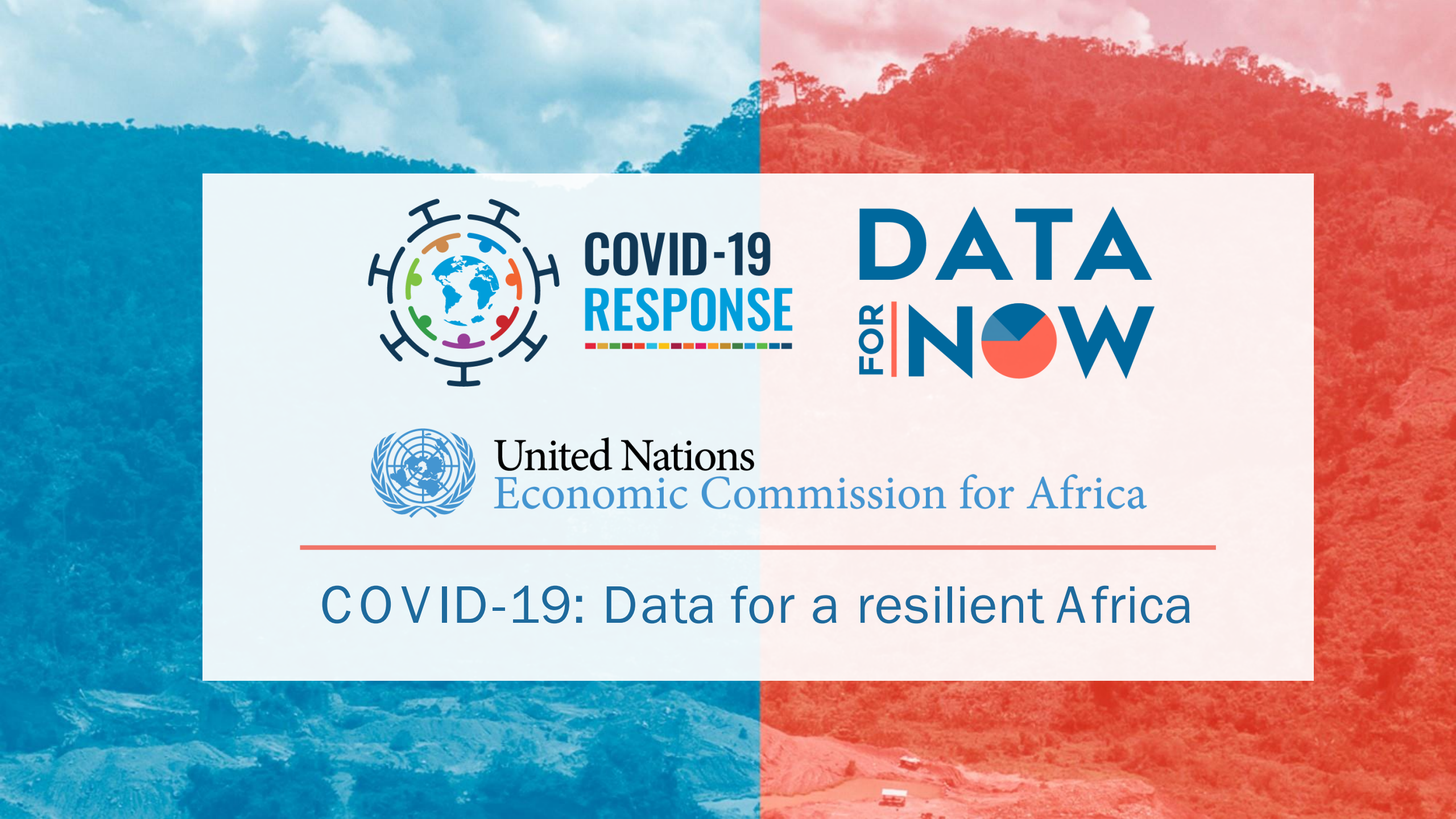
COVID-19
RESPONSE
DATA
FOR NOW
United Nations
Economic Commission for Africa
COVID-19: Data for a resilient Africa

INTRODUCTION

PARTNERSHIP LAUNCHED WITH UN ECA IN APRIL 2020 TO....

- Work with governments to understand priority data needs
- Bring providers of data, platforms and analytics together to offer solutions for country partners
- Develop skills and capacity to strengthen systems in the long term

...AND ALLOW COUNTRY PARTNERS TO:

- Understand where outbreaks are most likely to occur to prioritize testing
- Assess the healthcare burden and allocate resources appropriately
- Determine whether interventions like social distancing and travel restrictions are effective
- Identify and mitigate the socio-economic impact, develop evidence-based exit strategies for easing restrictions
- Prepare for exacerbated impact caused by natural hazards like flooding and drought

KEY DATA GAPS

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Population: determining where people are and who is most at risk, to plan and allocate resources effectively.	Health infrastructure: knowing where health facilities are, how accessible they are, if they are staffed and if they have connectivity, electricity and other key necessities.
Virus tracking and forecasting: testing and contact tracing for pandemic control, along with understanding the movements of people and responses to lockdowns.	Economic impact: tracking the economic repercussions, including business closures, changes in agricultural production, trade and on public spending, to put in place the right support and avoid long-term disaster.

PARTNERSHIP OBJECTIVES

This partnership is building on great progress made across Africa in the data for sustainable development space, particularly by:

- Putting tested solutions to work, bringing together partners to understand what data and solutions are needed, make them available, and ensure they can be used.
- Strengthening systems by ensuring new solutions are sustainable and can be maintained for the long-term.
- Increasing the effective use of partner resources by targeting the most acute data gaps and minimizing duplication.
- Sharing learning and information among partners and countries for quick adoption and replication of effective solutions.

NIGERIA'S COVID-19 DATA HUB

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INITIAL EMAIL FROM GPSDD TO NBS

APRIL 03, 2020

Global Partnership for Sustainable Development Data

nbs

INFORMAL WORKING GROUP CONSTITUTED

APRIL 22, 2020

Global Partnership for Sustainable Development Data

nbs

GRID3

fraym

esri

FLOWMINDER.ORG

BETA VERSION NBS DATA HUB PRESENTED FROM ESRI/GRID3 TEAM

MAY 22, 2020

Global Partnership for Sustainable Development Data

nbs

NCDC

GRID3

FLOWMINDER.ORG

fraym

esri

NASRDA

NBS COVID19 HUB GOES LIVE

JUNE 8, 2020

Global Partnership for Sustainable Development Data

nbs

GRID3

NCDC

جامعة حمد بن خليفة
HAMAD BIN KHALIFA UNIVERSITY
عضو في مؤسسة قطر
Member of Qatar Foundation

fraym

esri

FLOWMINDER.ORG

NASRDA

PRESIDENTIAL TASK ON COVID-19
Office of the Secretary to the Government of the Federation

FOOD SECURITY IN KENYA

COVID-19 RESPONSE

United Nations Economic Commission for Africa

DATA FOR NOW

FOOD SECURITY WORKING GROUP ESTABLISHED

MARCH 27, 2020

- Informal group formed to support the food sector with critical decision-making information
- Over 35 multi-sectoral members

FOOD SECURITY WAR ROOM LAUNCHED

MARCH 31, 2020

- MoA objective for stability in agricultural sector
- Ensure food is available, accessible, affordable and safe for all households

FOOD SECURITY SITUATION ASSESSMENT

MAY-JUNE 2020

- App developed for data collection, baseline food security established in 47 counties in Kenya
- Development of guidelines on food availability and price

AGRICULTURAL TRANSFROMATION OFFICE DIGITAL STRATEGY

AUGUST 2020

- Integration of War Room achievements
- ATO systems strengthening
- Learnings from Indonesia War Room

ACHIEVEMENTS

WITH SUPPORT FROM TECHNICAL PARTNERS, AS OF OCTOBER 2020 DATA GAPS AND NEEDS ARE BEING MET THROUGH...

31	Partnerships brokered to support country partners in managing and mitigating the impact of Covid-19
18	Countries with partnerships brokered for access to tools, resources, technical support and knowledge
18	Additional partnerships currently being brokered to manage and mitigate the impact of Covid-19, and support recovery and resilience
6	Additional countries with partnerships currently being brokered for access to tools, resources, technical support and knowledge

STRENGTHENING CAPACITY

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Basic and advanced GIS and data science skills

Mixed method poverty estimation

Skills for unlocking privately-held data

Capacity development support is being deployed to help government agencies in Covid-19 management, recovery and resilience

Earth observations for natural hazard and climate risk

Spatial analysis of gridded human population data

Scanner, vessel and flight tracking data for economic variables

SCALE AND SUSTAINABILITY

PARTNERSHIP PRINCIPLES

The initiative has an established system for risk assessment, determining the likelihood, impact and severity of various risks. Mitigation techniques have been deployed to ensure alignment with data ethics and privacy considerations for all brokered partnerships.

A set of guiding principles have been developed for all partners. These include measures for inclusion and fairness, accountability, transparency, interoperability and sustainability.

SCALING SUPPORT

Understanding population vulnerability and being able to integrate different pieces of information rapidly for real-time decision-making is critical for effective response to any crisis.

The partnerships have supported and strengthened the foundations of healthy data ecosystems across Africa.

The initiative will maximize the opportunity to introduce additional partnerships, share knowledge and deploy learnings.