

IANPHI

# ANNUAL MEETING

NOVEMBER 30 - DECEMBER 2, 2022 | HYBRID

HOSTED BY



Folkhälsomyndigheten  
PUBLIC HEALTH AGENCY OF SWEDEN

Pandemics, Conflicts, Climate Change: New  
Roles and Challenges for National Public  
Health Institutes

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Session 6  
Closing Session

December 2, 15h30-16h30

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Moderated by Dr. Lothar Wieler,  
Director,  
Robert Koch Institut of Germany

Friday, December 2

# Session 6: Closing Session

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Prof. Duncan Selbie,  
IANPHI President

Friday, December 2

# Conclusions of the IANPHI Annual Meeting 2022

## Comments and Questions

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Dr. Anders Tegnell  
Senior Expert  
Public Health Agency  
Sweden

# The 'Stockholm Statement'

# THE ROLE OF NATIONAL PUBLIC HEALTH INSTITUTES IN SUPPORTING PREPAREDNESS AND RESPONSE TO EMERGENCIES AFFECTING POPULATION HEALTH

A Statement from the IANPHI Annual Meeting 2022  
(The 'Stockholm Statement')

We, the International Association of National Public Health Institutes (IANPHI), gathered in the city of Stockholm for the 2022 IANPHI Annual Meeting, urge our member organizations to

- Support countries to reaffirm their commitment to the achievement of the Sustainable Development Goals;
- Prioritize health equity and commit, through an appropriate investment in prevention and health promotion, towards healthier, and resilient populations;
- Support countries to strengthen their forecasting, preparedness, early threat detection and rapid response capabilities using the One Health approach, and support rapid decision-making to deal more effectively with crises including the ongoing pandemic;
- Support countries in establishing resilient health systems that can effectively mitigate and address the health impacts of climate change;

The International Association of National Public Health Institutes (IANPHI), gathered in the city of Stockholm for the 2022 IANPHI Annual Meeting, urge our member organizations to

- Strengthen the role, mandate, competence, human resources, delivery and infrastructure of National Public Health Institutes that yield science-based evidence and are placed at the center of crisis response systems in the countries;
- Strengthen advocacy for the health and well-being of the population, be at the center of climate change adaptation;
- Adopt the use of digital systems, open standards, data sharing and data science methods to strengthen preparedness for health emergencies, promote health and prevent disease in today's digital age.

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Friday, December 2

# Announce of the host of the IANPHI Annual Meeting 2023



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Prof. Duncan Selbie,  
IANPHI President

Prof. Claude Mambo  
Muvunyi,  
Director,  
Rwanda Biomedical Centre

Friday, December 2

# Announce of the host of the IANPHI Annual Meeting 2023



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HOSTED BY



Prof Claude Muvunyi  
Director General, Rwanda  
Biomedical Centre (RBC)

December 02, 2022

Save the Date:  
IANPHI 2023 Annual  
Meeting will be hosted  
by Rwanda Biomedical  
Centre (RBC), Kigali,  
Rwanda Nov. 29 -  
Dec 1, 2023

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# ANNUAL MEETING

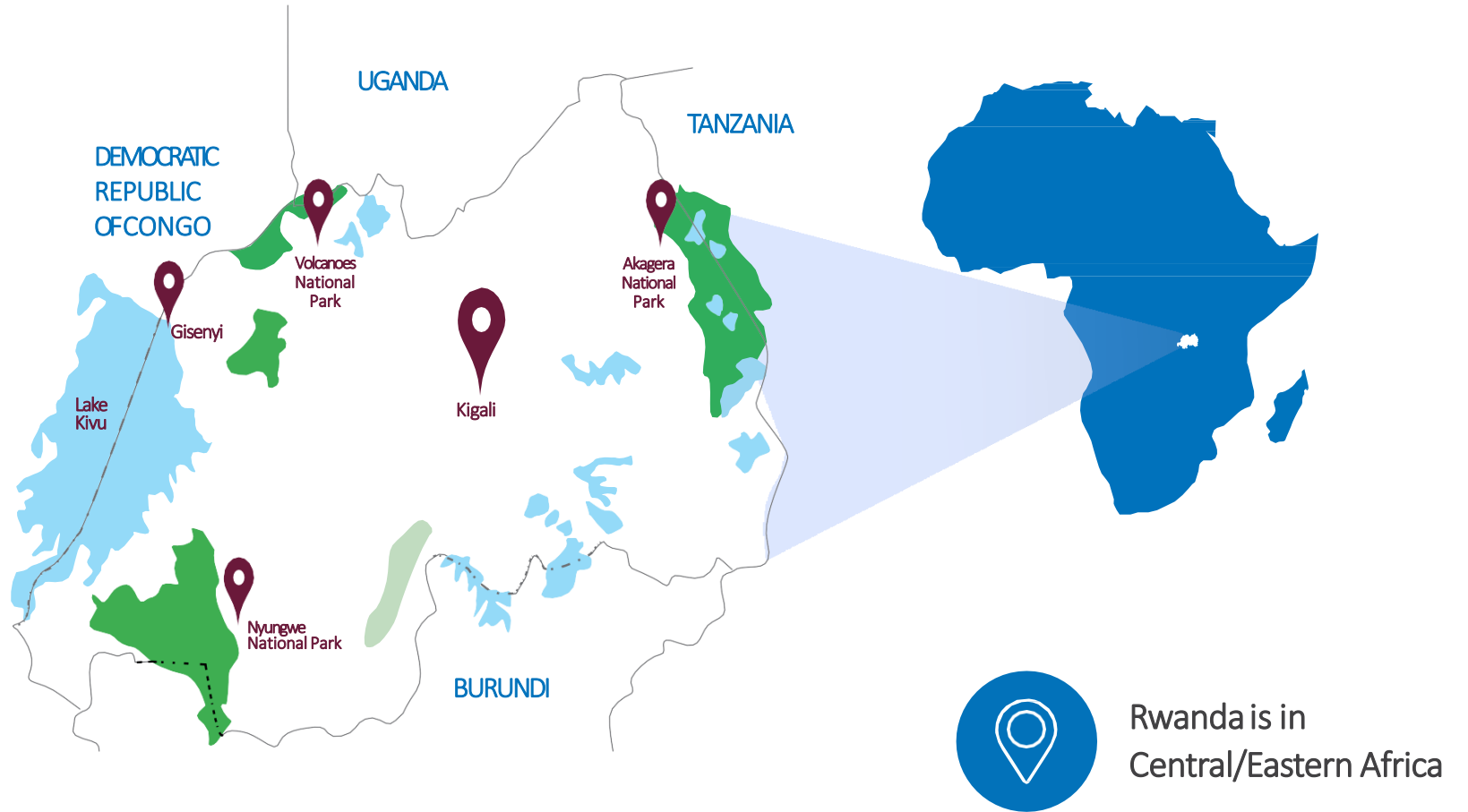
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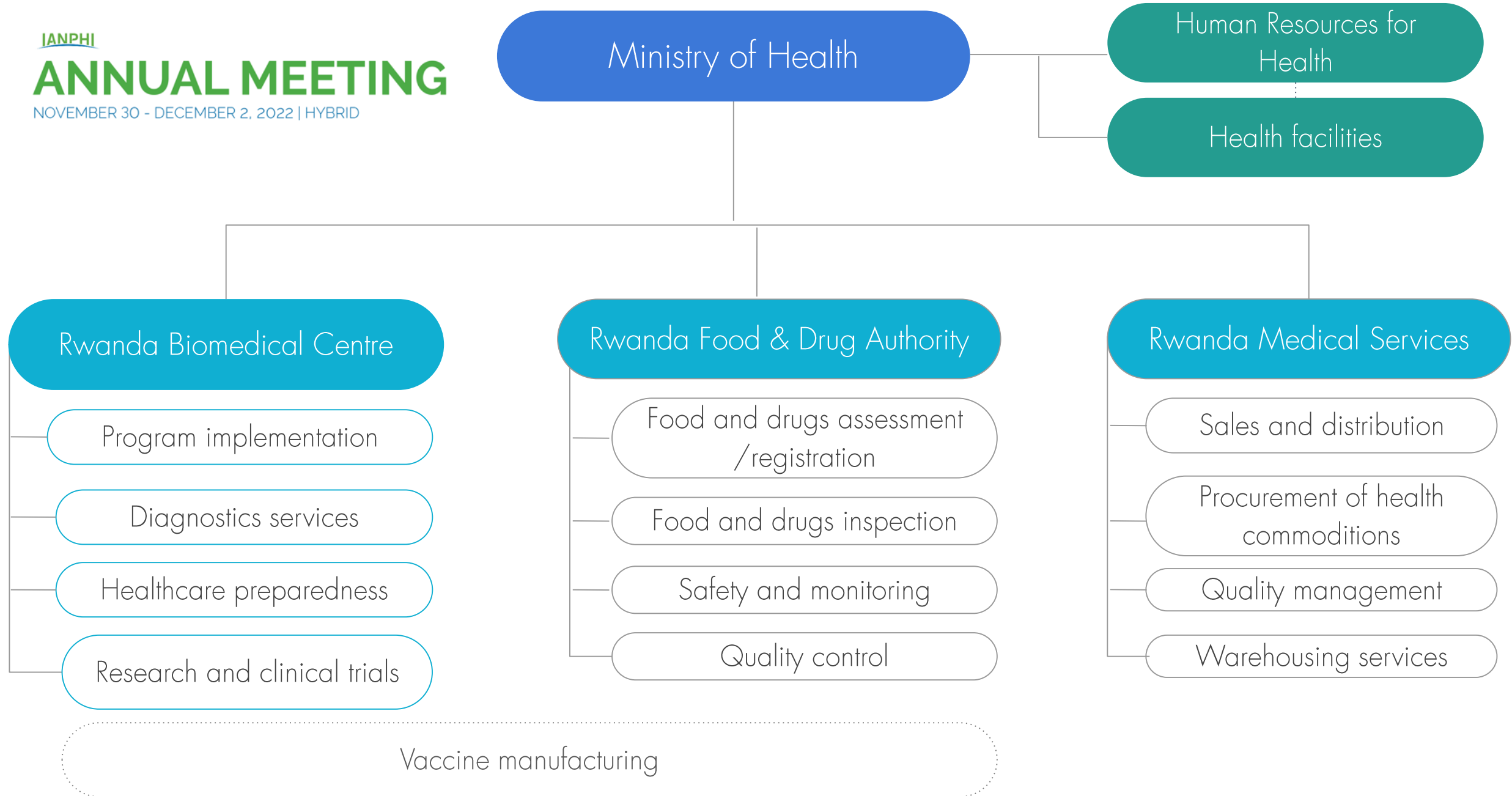
HOSTED BY



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PUBLIC HEALTH AGENCY OF SWEDEN

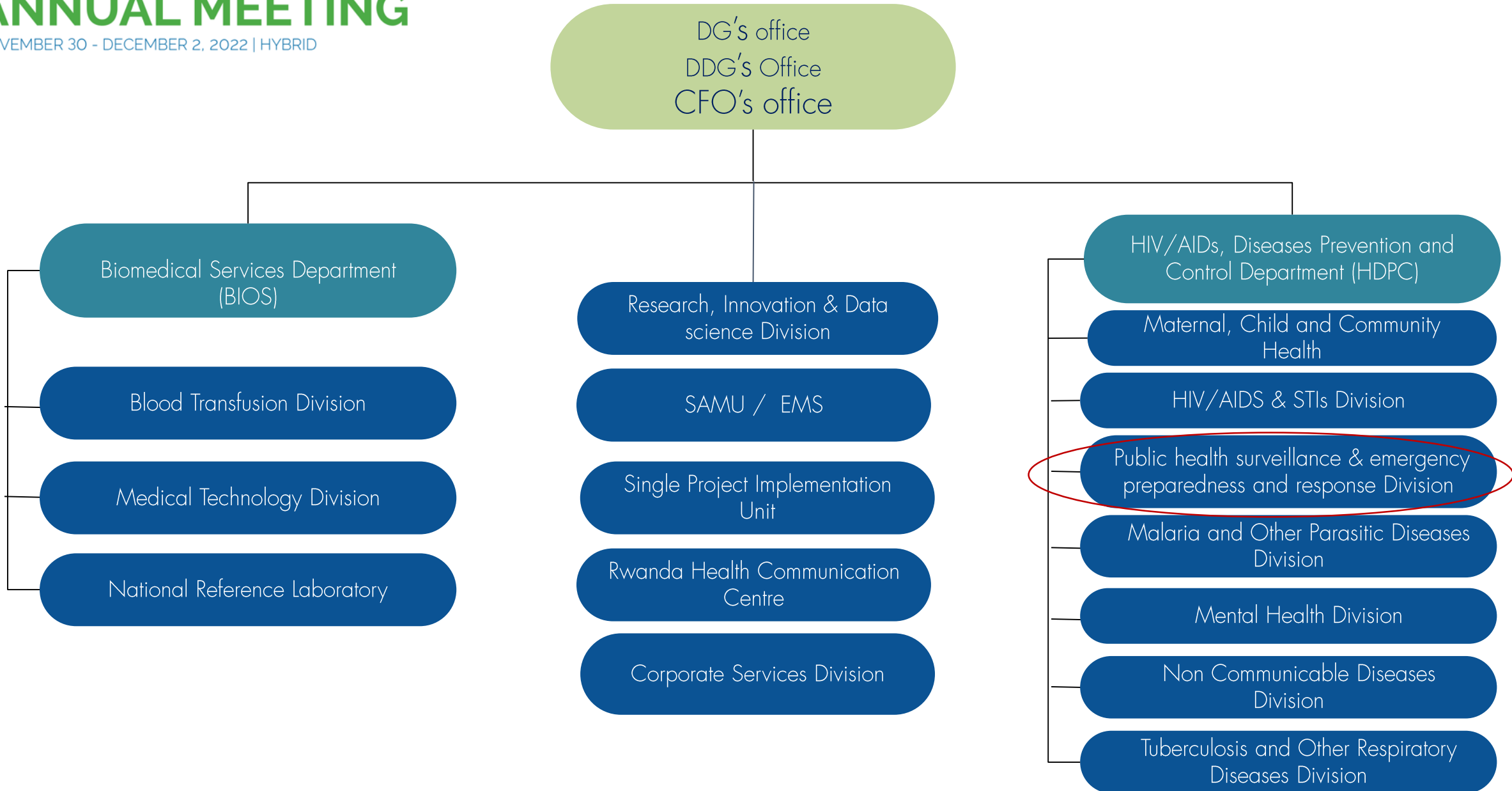
## Where is Rwanda located ?





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## Public Health Measures/ Interventions

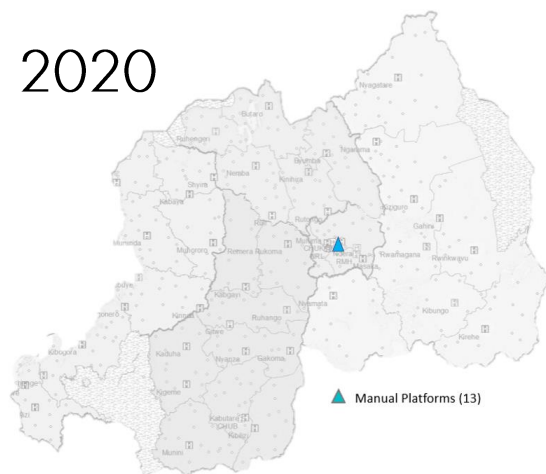
- Several public health measures initiated early:

- Handwashing stations
- Universal face mask
- Physical distancing
- Widespread testing

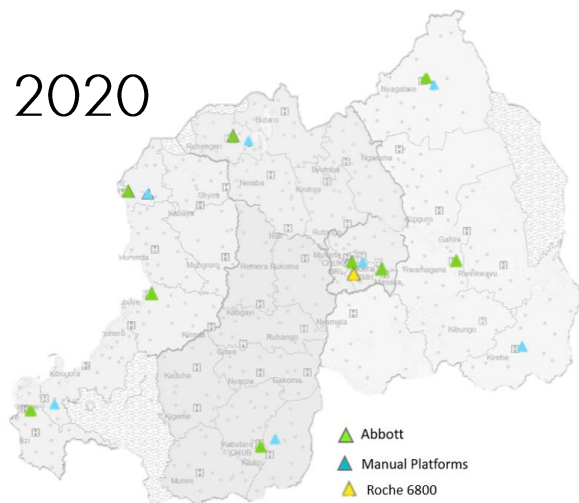


# Expanding COVID-19 testing capacity

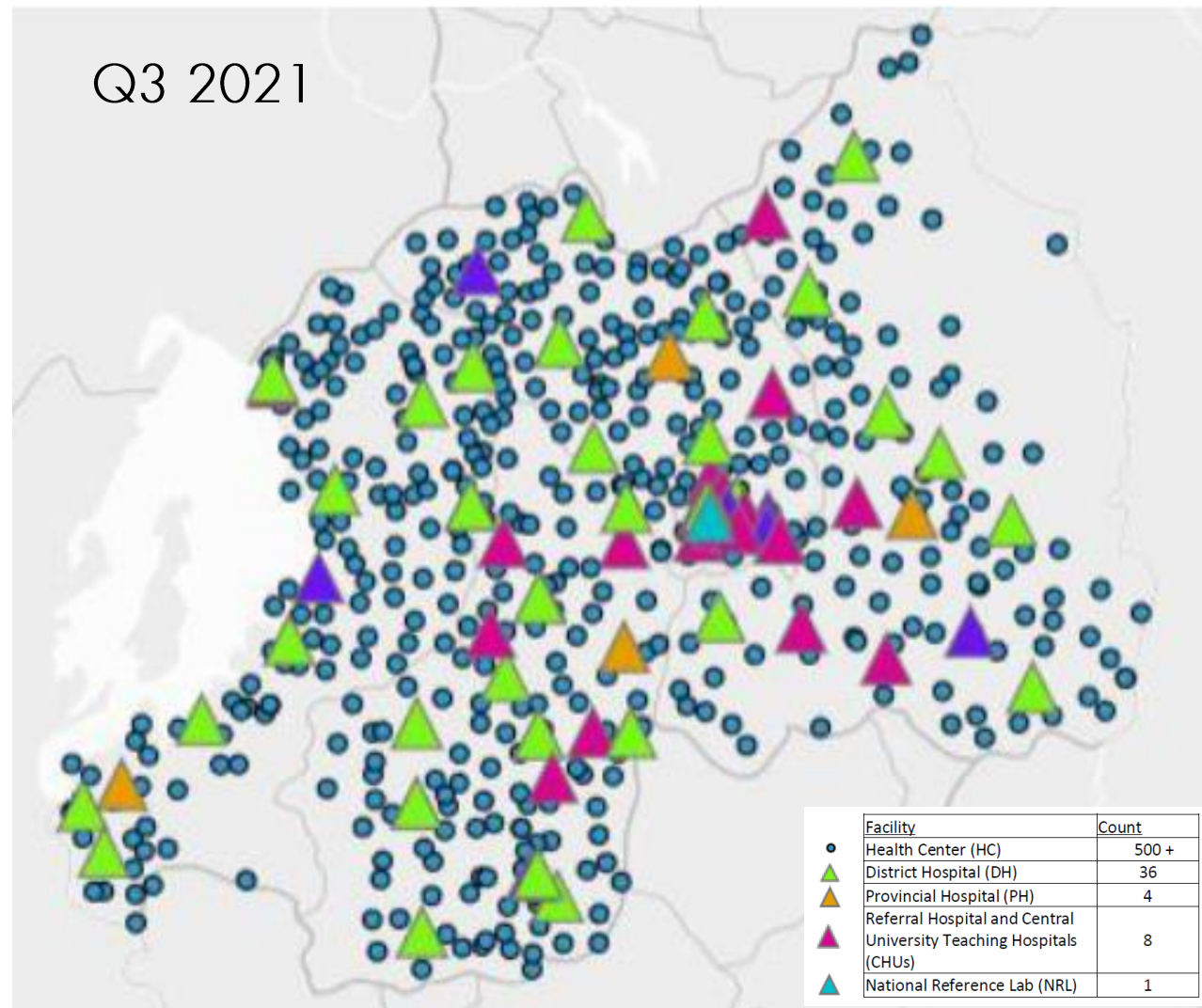
Q1 2020



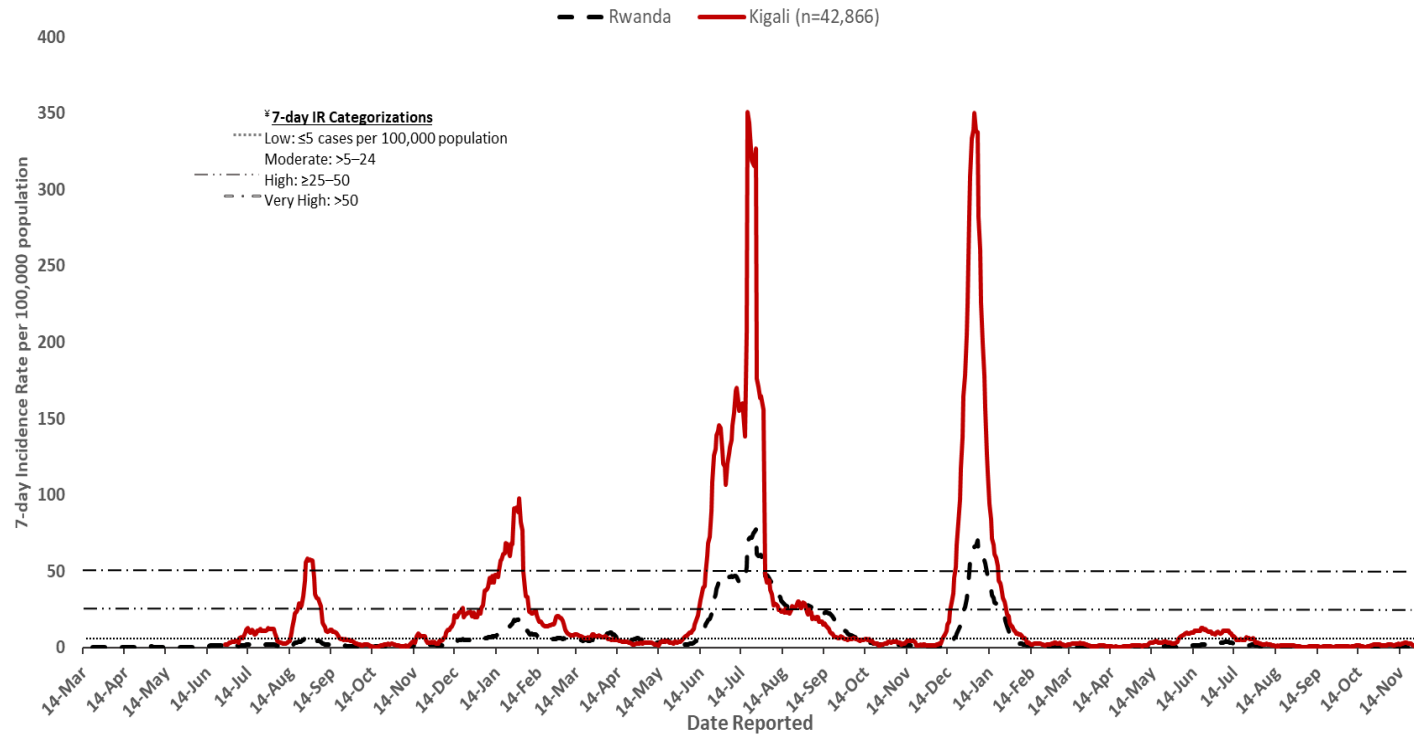
Q2 2020



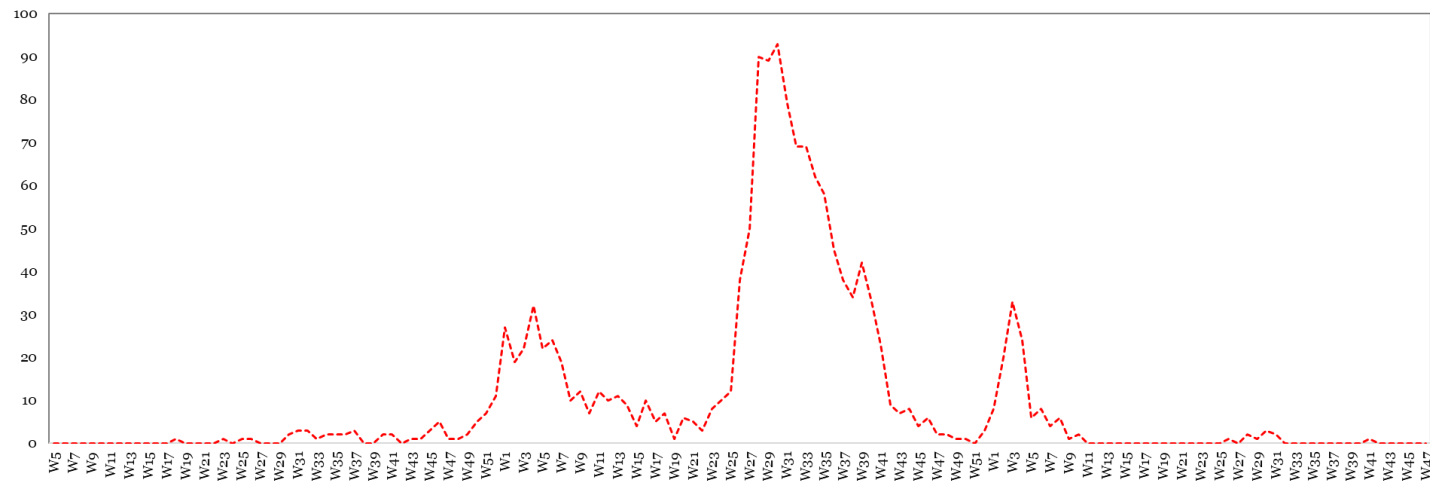
Q3 2021



COVID-19 Incidence Rate (IR) in Kigali City and Rwanda, March 14, 2020–November 27, 2022



Trend of deaths per week (01 Dec 2020 – 27 November 2022)



## Use of data for Intervention

- **Surveillance:** Use information to anticipate, prepare and effectively respond to challenges
- **Policy making:** Use of surveillance data for evidence-based decision making
- **Evaluation:** Regular monitoring and analysis of the system for continuous improvement

**Observation:** 1467 cumulative deaths reported with case fatality rate: 1.1%, No death reported within 55 days



# Vaccine coverage as of November 30<sup>th</sup>, 2022

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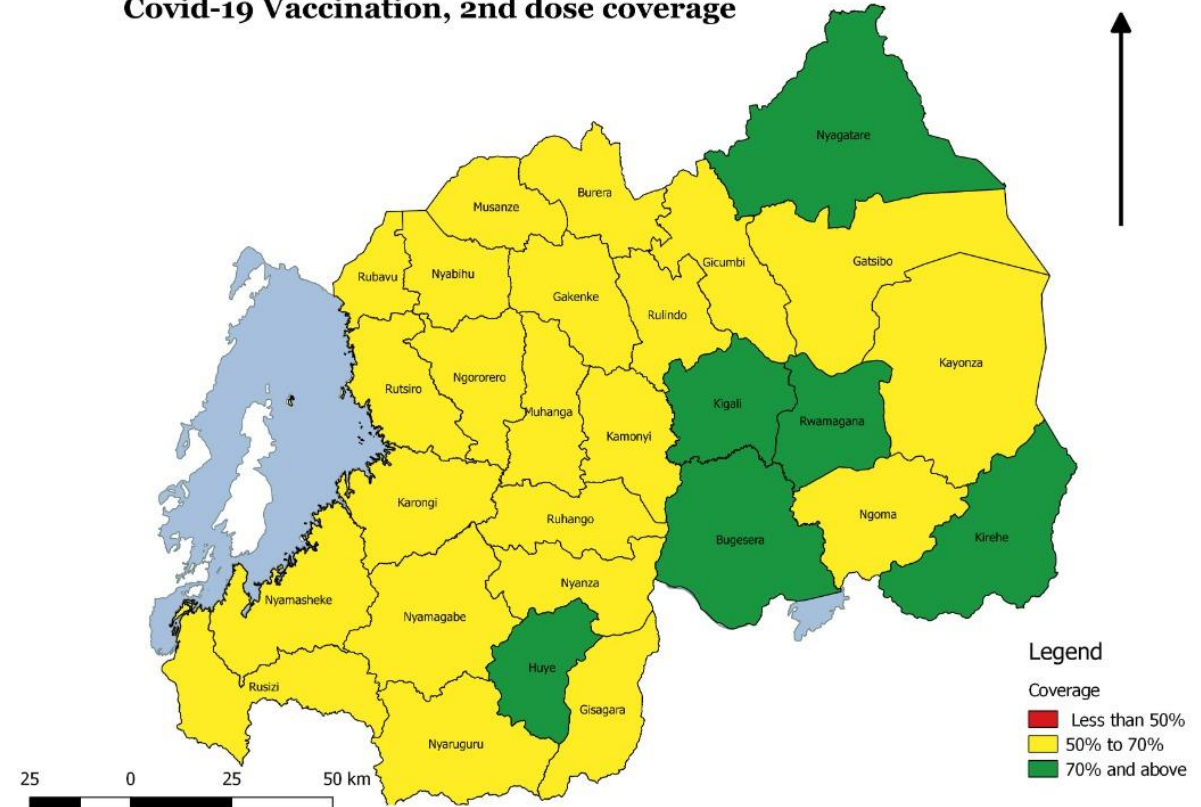
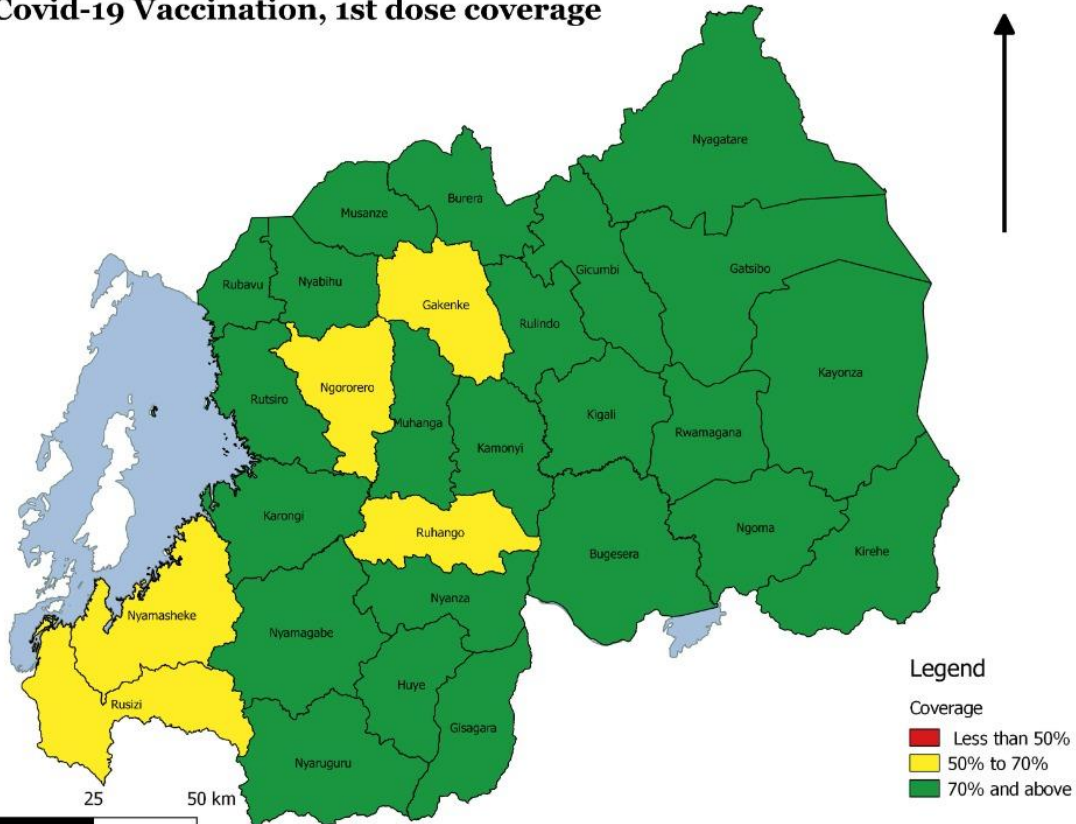
Total received 1<sup>st</sup> two doses: 8,929,826 (69%)

Total received 1<sup>st</sup> booster dose: 5,510,998 (43%)

Total received 2<sup>nd</sup> booster dose: 297,990 (2%)

**Covid-19 Vaccination, 1st dose coverage**

**Covid-19 Vaccination, 2nd dose coverage**



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Importance of leveraging pre-existing structure



Community support and engagement

## Lessons learned and way forward



Rigorous use of data and technologies to guide decisions



Importance of local and global partnership 18



Increased **laboratory capabilities**  
(decentralization, genomic sequencing, training  
of staff) – NHLS



Increased ICU Capacities (all provincial  
hospitals)



New health facilities (Nyamata mobile  
hospital)



Lessons learned and way forward (Cont.)

## Lessons learned and way forward (Cont.)

Ultra cold chain for vaccine storage and deployment



Acquisition of Oxygen plants (26) and piping of almost all hospitals

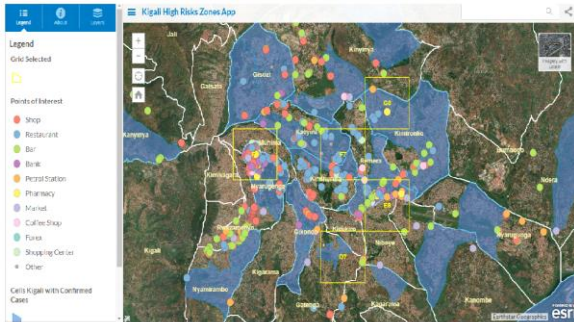


**Actual Priorities,** Invest in vaccines production and other Pharmaceuticals

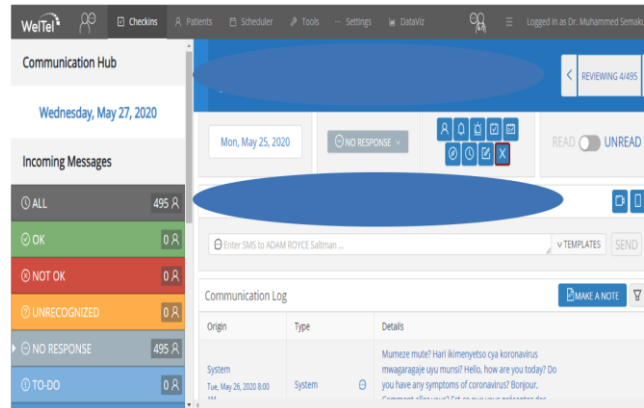




## Selected Places



Mapping high risk areas



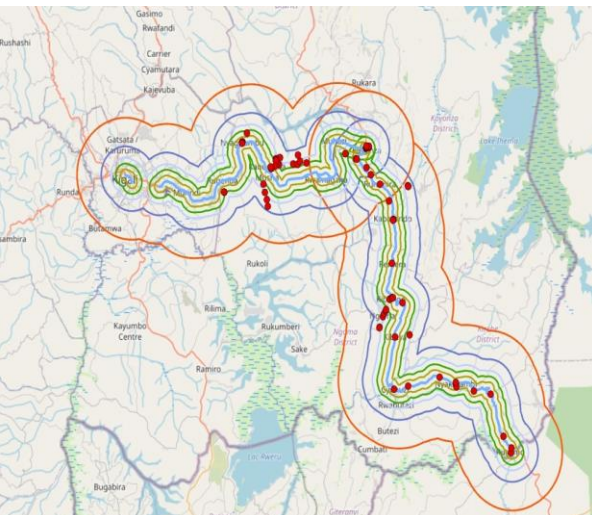
Digital case and contact monitoring



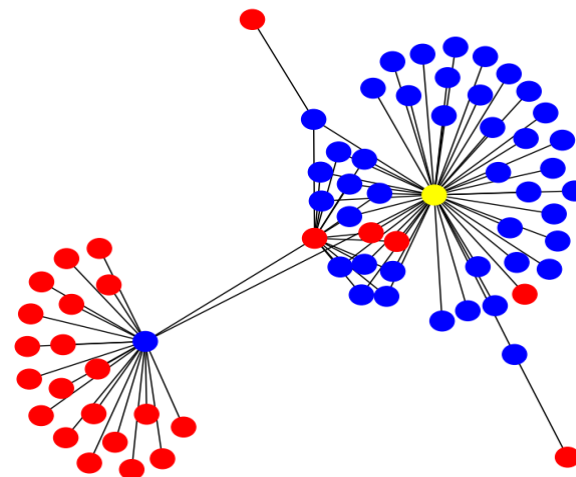
Home-based monitoring



Drones



Monitoring trucker drivers



Tracing mathematical algorithm

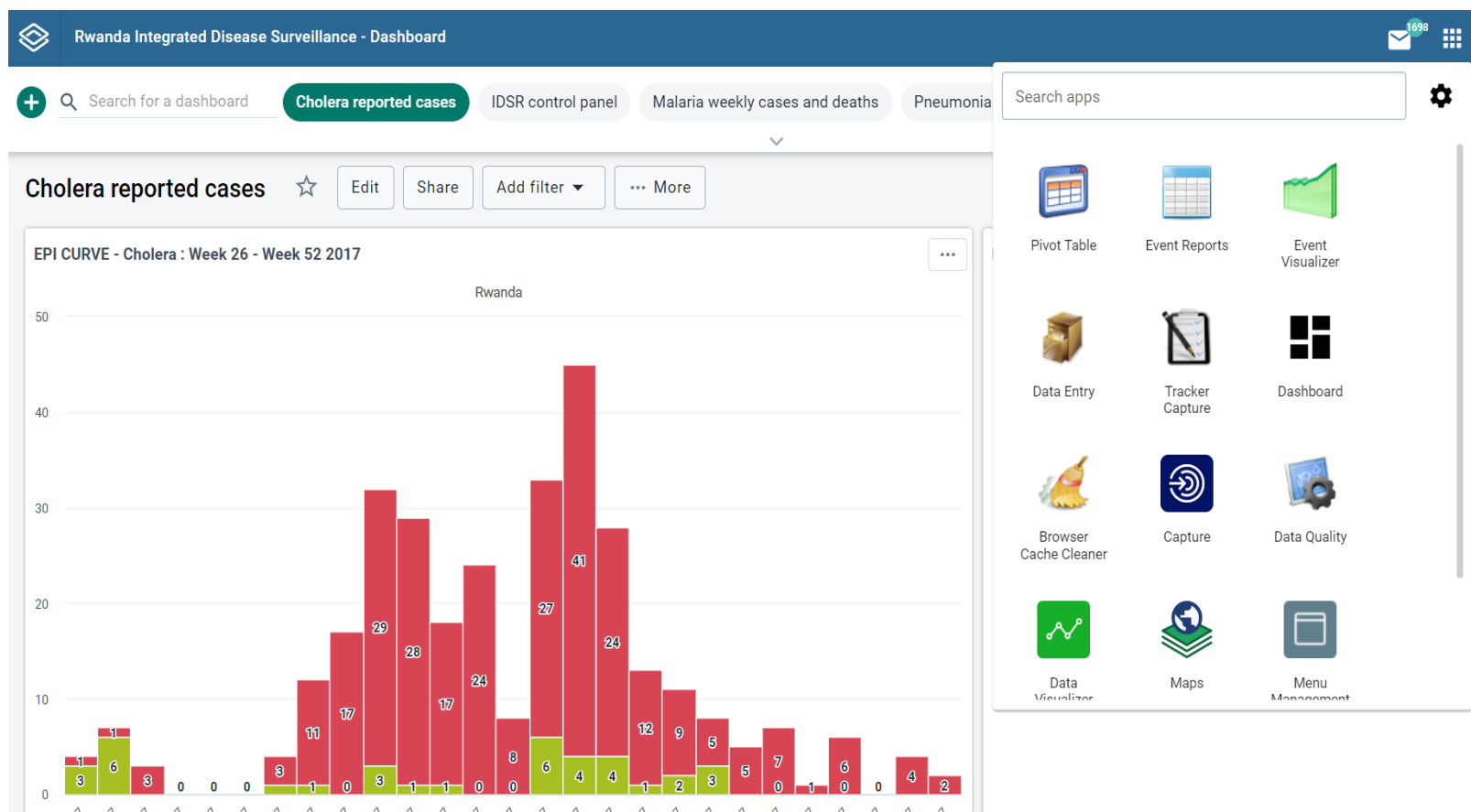
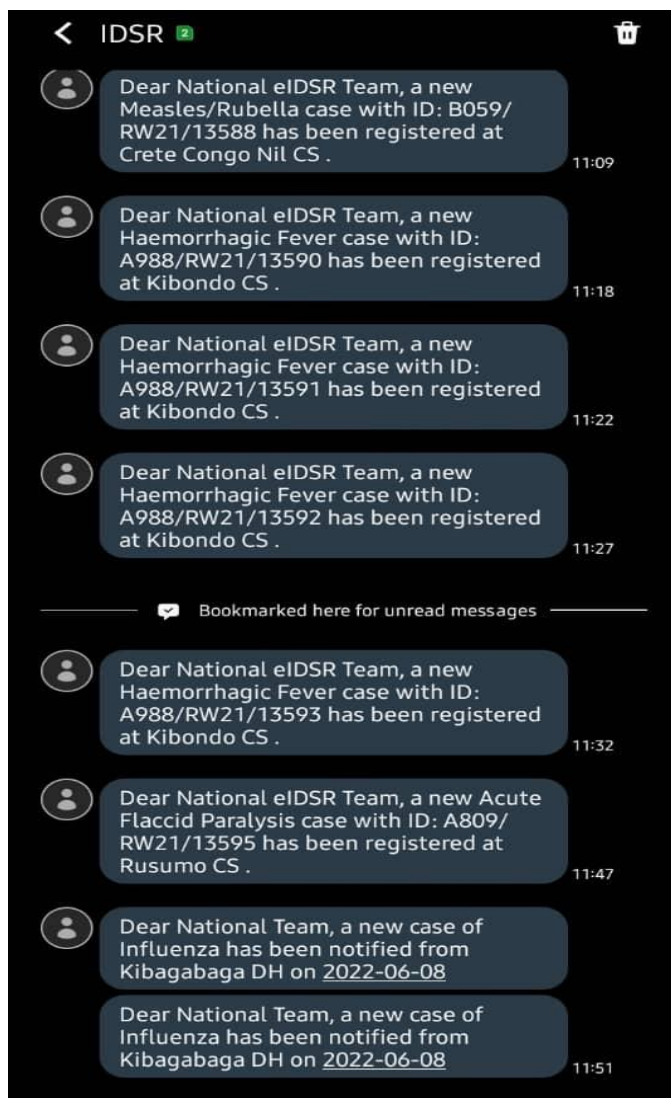


Data dashboard



Robot

# Tools of surveillance system in use:- eIDSR

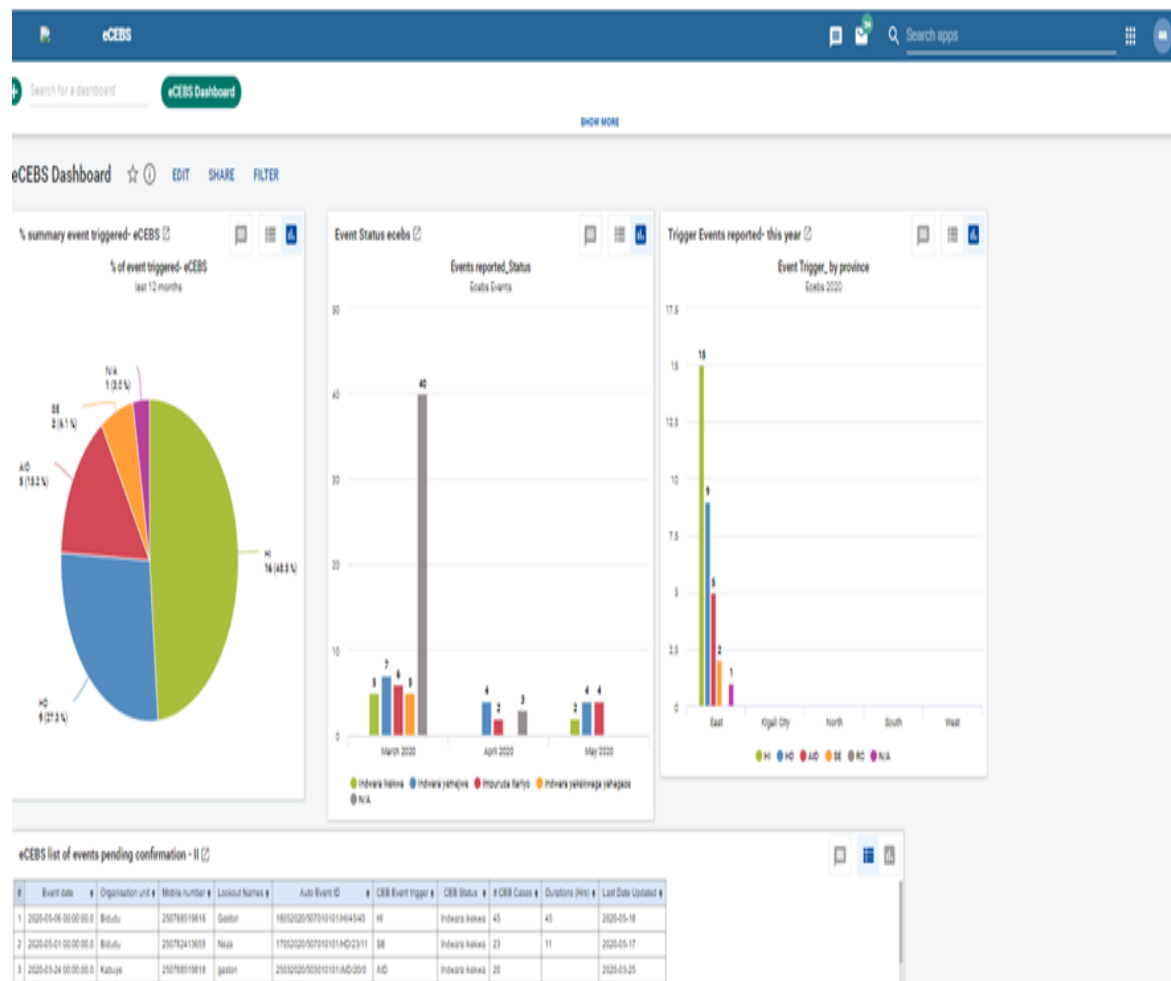


eIDSR used for routine collection of data from mainly health-based sources:  
 Indicator based surveillance

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## Tools of surveillance system in use:- eCEBS



Hari impuruza yatanzwe ikomotse mu mudugudu wa Bidudu Ku cyorezo cyakekwaga, yahawe iyi numero YYEBD6553D. Soma email yawe

12 min • via MTN Rwanda

In addition to the SMS the focal point also receives a trigger email

eCEBS used for detecting events happening in the community: **event based surveillance**



## Accessibility



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**30** The number of **RwandAir** destinations.

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- Other international direct flights to Kigali International Airport include:
  - Europe: RwandAir, SN Brussels, KLM and Turkish
  - North Africa & Middle East: RwandAir, Qatar, EgyptAir
  - Regional: RwandAir, Kenya Airways, Ethiopian Airlines



- ❖ Visa on arrival for all visitors (multiple entry for 30 days)
- ❖ Visa on arrival free for citizens of countries members of African Union, Commonwealth and La Francophonie



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# Major conferences hosted in Rwanda

Between 2015 - 2022, Rwanda Convention Bureau successfully hosted over **791** events.

## Key Events:



World Economic Forum  
2016



The 5<sup>th</sup> International  
Conference on Family  
Planning (ICFP)  
2018



ICASA  
2019



Africa CEO Forum  
2019



BAL  
2021



World Telecommunication  
Development Conference  
2022



CHOGM  
2022



APAC  
2022

# 2nd INTERNATIONAL CONFERENCE ON PUBLIC HEALTH IN AFRICA (CPHIA 2022)

13-15 DECEMBER 2022

Kigali, Rwanda



**Prof. Senait Fisseha**  
Director of Global Programs  
at the Susan Thompson Buffett  
Foundation



**Prof. Agnes Binagwaho**  
Vice Chancellor of the University  
of Global Health Equity, Rwanda



**Dr. Ahmed Ogwel Ouma**  
Ag Director, Africa CDC



**Dr. Matshidiso Moeti**  
World Health Organization  
(WHO) Regional Director for  
Africa



**Prof. Salim S. Abdool Karim**  
Director, Centre for the AIDS  
Program of Research in South  
Africa (CAPRISA)



**Dr. Chikwe Ihekweazu**  
Assistant Director General,  
World Health Organization



**Dr. Michael Makanga**  
Executive Director, European  
and Developing Countries  
Clinical Trials Partnership



**Dr. Chris Elias**  
President, Global Health,  
Bill & Melinda Gates  
Foundation



## Meeting Venues



### ► Kigali Convention Centre

#### Capacity

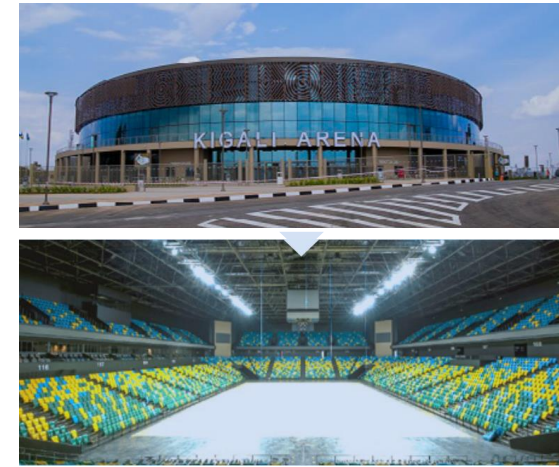
- Auditorium: 2,600 people
- 17 meeting rooms:  
10-1500
- people
- Exhibition space: 9,000m<sup>2</sup>



### ► Intare Conference Arena

#### Capacity

- Auditorium: 2,600 people
- 8 meeting rooms:  
10-133
- people
- Exhibition space : 8,000m<sup>2</sup>



### ► Kigali Arena

#### Capacity

- Seats : 10 000
- Floor area : 20 870 sqm
- Number of floors : G + 3

## Other Venues



- ▶ Golf Course  
Kigali
- ▶ Capacity  
19 holes



- ▶ Gahanga Cricket  
Stadium
- ▶ Capacity  
10,000 people



## Hotels with conference facilities- Kigali



Marriott Hotel – Kigali



Serena Hotel – Kigali



Park Inn by Radisson Kigali



Hotel des Mille Collines

## Hotels with conference facilities-Outside Kigali



Mantis Epic Hotel & Suites



Kivu Serena Hotel

# Accommodation



10,000 ROOMS  
CAPACITY



1,533

Upper range rooms



3,500

Middle range rooms



4,967

Lower range rooms



# Remarkable Pre & Post Experience

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## Gateway to Gorillas



### ◀ Meet the Mountain Gorillas



### ▲ Meet the Golden Monkeys

## Primate & Hiking Paradise



- ▶ 300 birds species
- ▶ 13 primates species
- ▶ Canopy walk  
(reaching 70m above  
the forest)



Home to the Big 5



▶ 500 birds species



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## Lake Kivu



Perfect weather through out the year

## Cultural Heritage

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Experience our rich culture





## Rwanda offers unrivalled Incentive experiences



One & Only Gorilla's  
Nest



Kwitonda Lodge by Singita



Bisate Lodge by Wilderness Safaris



One & Only Nyungwe  
House



Magashi by Wilderness Safaris



Akagera Game Lodge by Mantis