



**Group Discussion on Climate Information  
and Tools for Decision Makers, Anticipated  
Actions, and Users' Needs**

Group 1

# Key Highlights from Presenters

## ❑ Seasonal Forecast

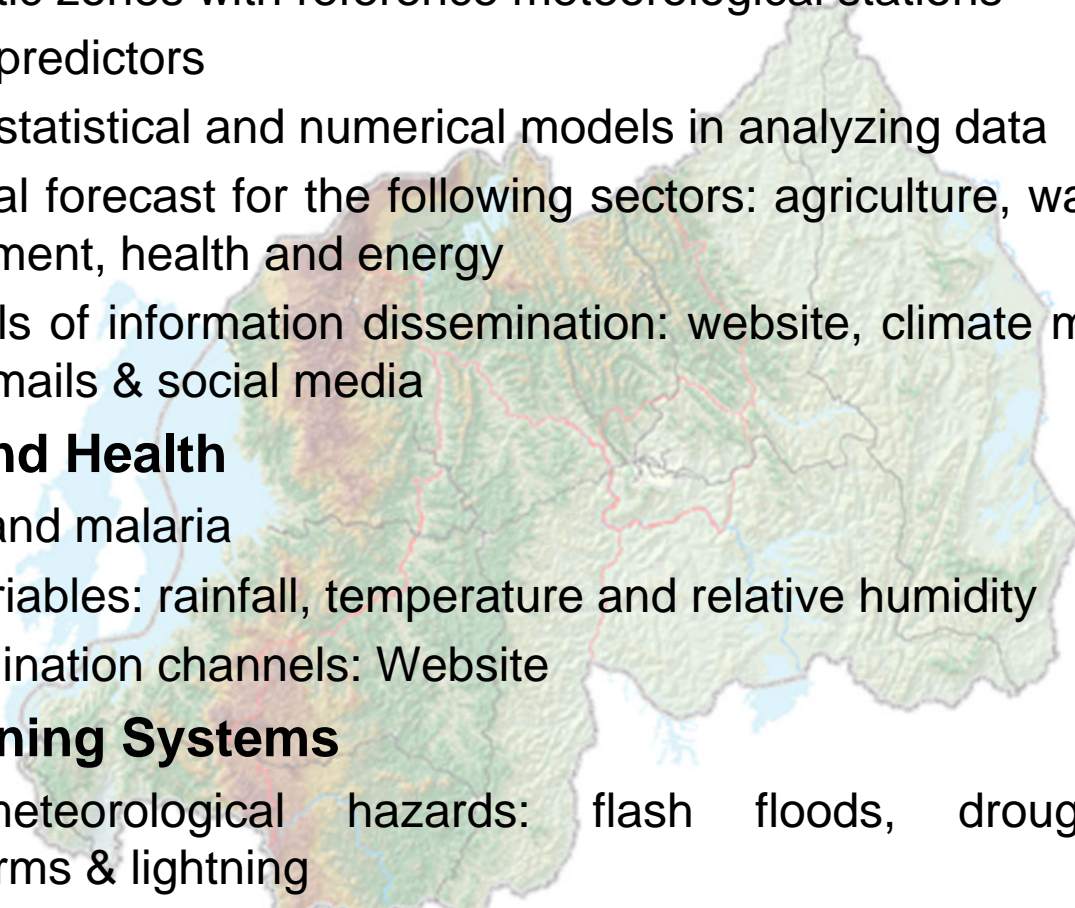
- ❖ 5 climatic zones with reference meteorological stations
- ❖ Use of predictors
- ❖ Use of statistical and numerical models in analyzing data
- ❖ Seasonal forecast for the following sectors: agriculture, water, construction, environment, health and energy
- ❖ Channels of information dissemination: website, climate map room, media, SMS, emails & social media

## ❑ Climate and Health

- ❖ Health and malaria
- ❖ Key variables: rainfall, temperature and relative humidity
- ❖ Dissemination channels: Website

## ❑ Early Warning Systems

- ❑ Hydro-meteorological hazards: flash floods, droughts, landslides, windstorms & lightning
- ❑ Dissemination channels: formal letters, emails and SMS to DDMC, DDMS, Inkeragutabara, DMOs, etc.



# Key Highlights from Presenters (cont'd)

## ☐ Agro-meteorology

### ❖ Products

- ✓ Seasonal forecast for rainfall and temperature
- ✓ Monthly forecast
- ✓ Decadal bulletins
- ✓ Daily forecast

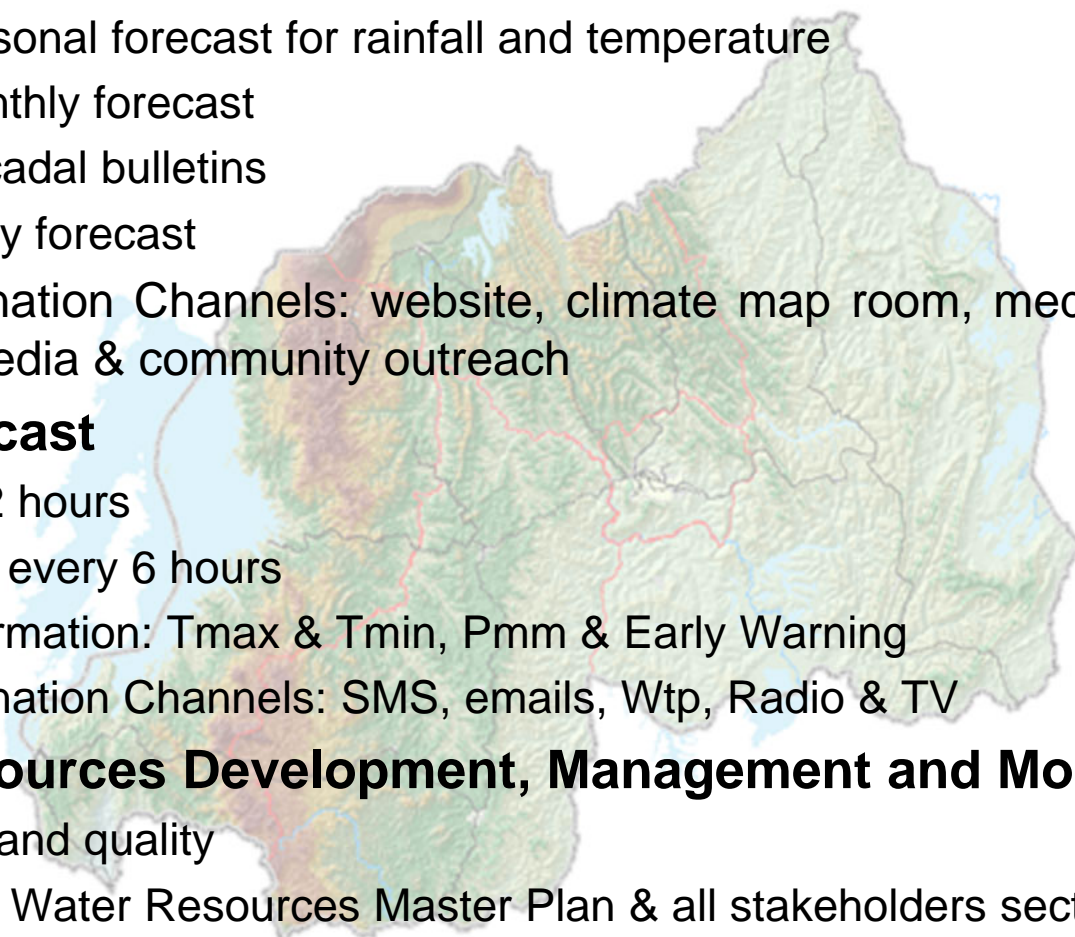
- ### ❖ Dissemination Channels: website, climate map room, media, SMS, emails, social media & community outreach

## ☐ Daily Forecast

- ❖ Every 12 hours
- ❖ Updates every 6 hours
- ❖ Key information: Tmax & Tmin, Pmm & Early Warning
- ❖ Dissemination Channels: SMS, emails, Wtp, Radio & TV

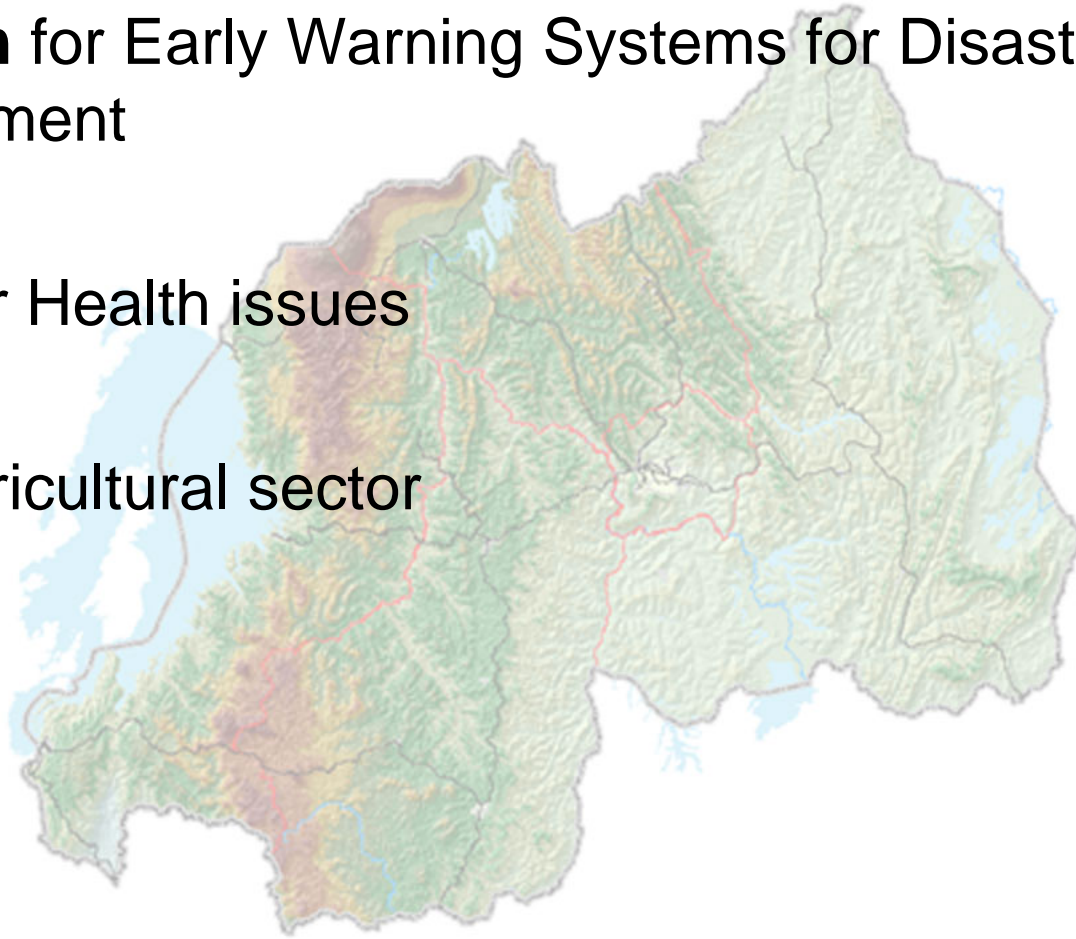
## ☐ Water Resources Development, Management and Monitoring

- ❖ Quantity and quality
- ❖ Ongoing Water Resources Master Plan & all stakeholders sectors involved
- ❖ 9 catchments are manually monitored on regular basis. However, automatic equipments are planned.
- ❖ Low level of collaboration with Meteo Rwanda



# Expectations vis-à-vis End Users' Needs

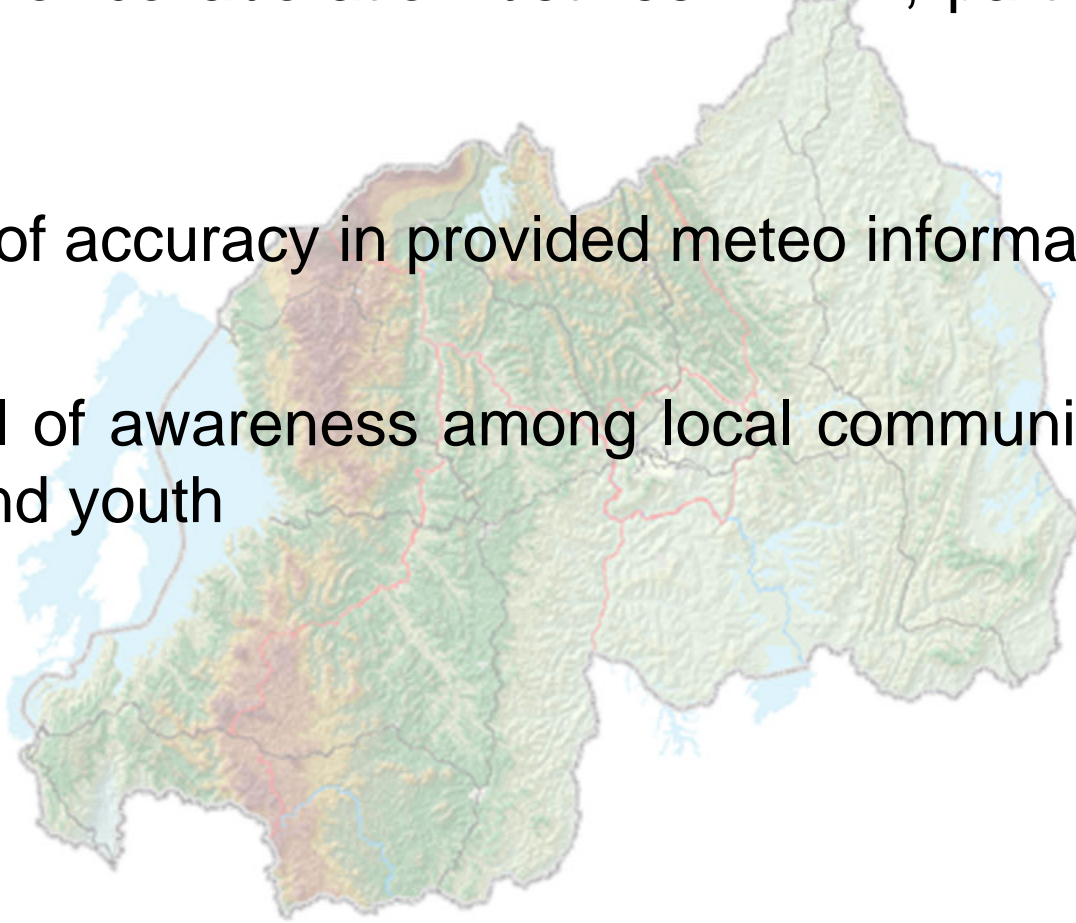
- ❑ **Medium** for Early Warning Systems for Disaster Risk Management
- ❑ **Low** for Health issues
- ❑ **Low** agricultural sector





# Major Gaps

- ❑ Low level of collaboration between RMA, partners and end users
- ❑ Problem of accuracy in provided meteo information
- ❑ Low level of awareness among local community, especially women and youth



# Major Recommendations

- Improving quality of meteo information
- Co-production of info and products
- Capacity building at all levels
- Use meteo data for other vector-borne diseases
- Increasing awareness among end users
- Development weather applications for mobile phones

