

GROUP 3

TOP1

Daily weather forecasting

- **Data generation** (Puma station&radar): capturing, analysing and interpretation data: Data such as pressure, RH, wind speed, temperature
- **Data dissemination** through media,
 1. Beneficiaries are not aware of the daily weather forecast
 - Raised awareness to all potential beneficiaries
 2. Channels used not accessible to most of beneficiaries
 - Engage stakeholders to disseminate weather forecast data
 - Creating mobile phone applications accessible to end users
 3. Sophisticated format for dissemination of weather forecast
 - Specific format depending on each category of users (simplicity)

TOPIC II. Disaster risk reduction/ Recovery and response

Disaster Atlas and hazard mapping (unknown and not accessible to the public)

The product should be known and accessible to the public

Early warning system should be established in all areas vulnerable to lightning strike

TOPIC III. Climate and Health

Available service is only limited to malaria

Extend the list of all possible diseases resulting from climate factors
Alert the community for the prevention

TOPIC IV. WATER MONITORING

Sufficient water

- Limited budget for water supply to all beneficiaries
- poorly managed
- Limited skills for water exploitation

TOPIC V. SEASONAL FORECAST

Meteo stations available but not productive to some extent

Lack of own satellite to generate data from meteo Rwanda

- Use Radar data to specific area.
- Provide meteo stations to low distance
- Data decentralisation from district level to the sector and cell level