

GENDER-BASED CLIMATE SMART INTEGRATED FLOOD MANAGEMENT

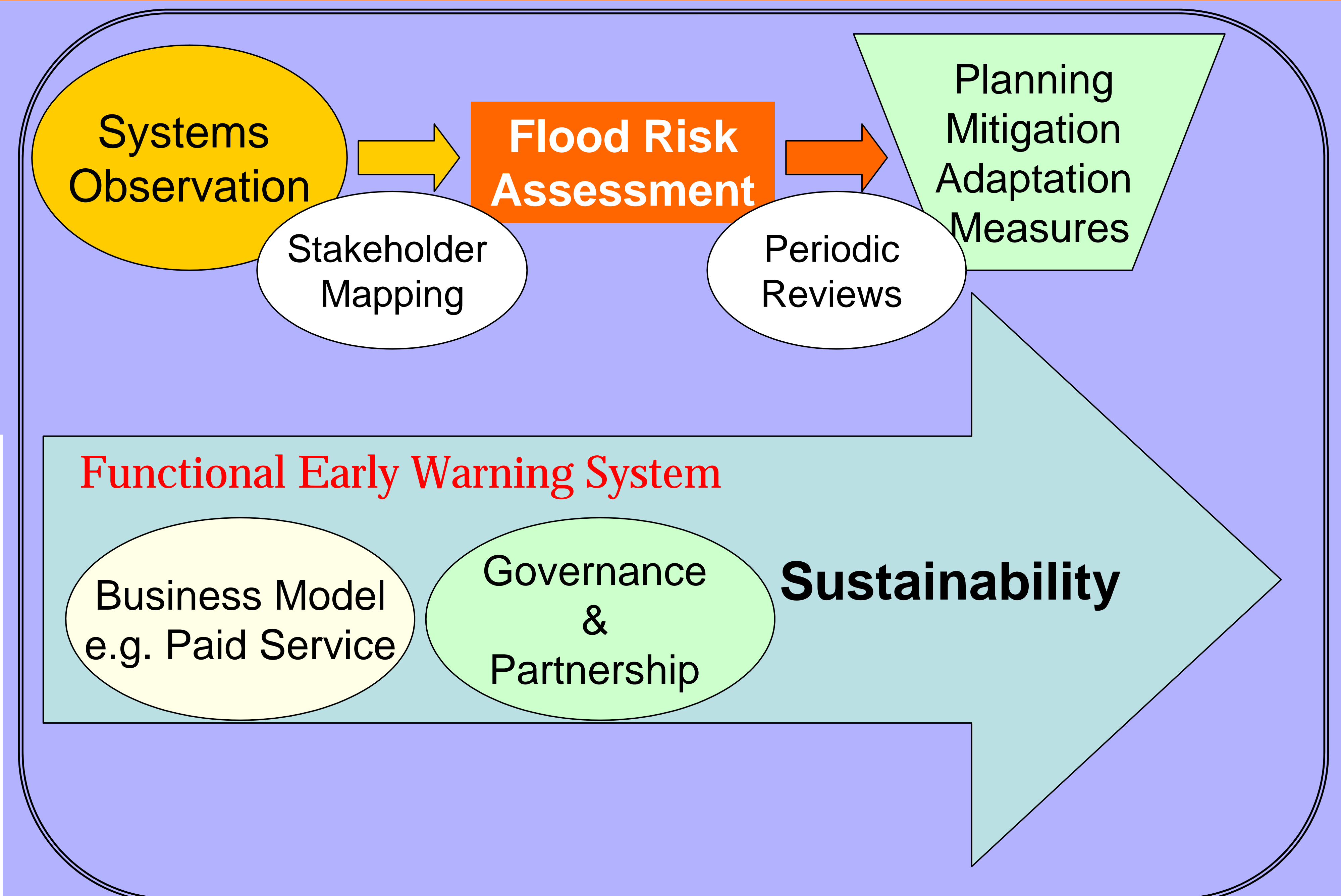
Resilience Problem / Challenge



Objective

To provide low cost yet efficient medium for communicating flood risks towards flood disaster risk reduction and management whilst building the capacity of key stakeholders to create awareness and disseminate flood information and bridging the gap between duty bearers and the citizenry.

Implementation & Sustainability Plan



End-User / Functional Flood Early Warning System

Region: EFFORTWEST REGION
District: SAVALLEHUNGAH
Community: GUPPE
Agency: SAKI
Date: 4/25/2011
Data: 15

Flood is Eminent, please evacuate immediately !!! The Average indicator Value is 33 Which is above the third Quarter.

| Region | District | Community | Agency |
|--------------------|---------------|-----------|--------|
| EFFORT WEST REGION | SAVALLEHUNGAH | GUPPE | SAKI |
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DATA ACCESS VIA THE INTERNET → **GSM/GPRS NETWORK** → **Flood Monitoring System**

Hardware components: Laptop, Server, Antenna, Tripod-mounted sensor.

Users: **sms call** (Two women looking at a phone).

Expected Impacts

1. Lessen flood impact on women, children elderly & handicapped
2. Reduce the warning time between flood onset and risk
3. Reduce loss and damage and costs to the economy and GDP
4. Enhance citizenry voice and gender in decision making

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MAKING ALL VOICES COUNT
A GRAND CHALLENGE FOR DEVELOPMENT