

TAKING A COLLABORATIVE PEOPLE-CENTRED APPROACH

INTEGRATING CLIMATE SCIENCE IN HEALTH SYSTEMS FOR THE 21ST CENTURY

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BACKGROUND: NEED FOR EFFECTIVE INTEGRATION

- **Climate projections** reveal East and Southern Africa warming, with uncertain changes in rainfall and weather extremes
- **Ill-defined causal pathways** between sub-seasonal and seasonal weather, livelihood, disaster preparedness and health systems
- **Within Malawi and Uganda health systems**, it is still unclear the existing technical, data and capacity constraints – this is critical to understand what & where specific needs exist for specific user bases, for appropriate service application
 - Can not 'co-design' without clear understanding and identification of base structures. Coordination becomes difficult if it leads to by-passing iterative ME&L processes
 - Prior to successful implementation and effective integration → establishing fundamental, observatory systems.

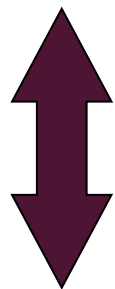
CHALLENGES: CROSS-SECTOR INTEGRATION AND REPRESENTATION



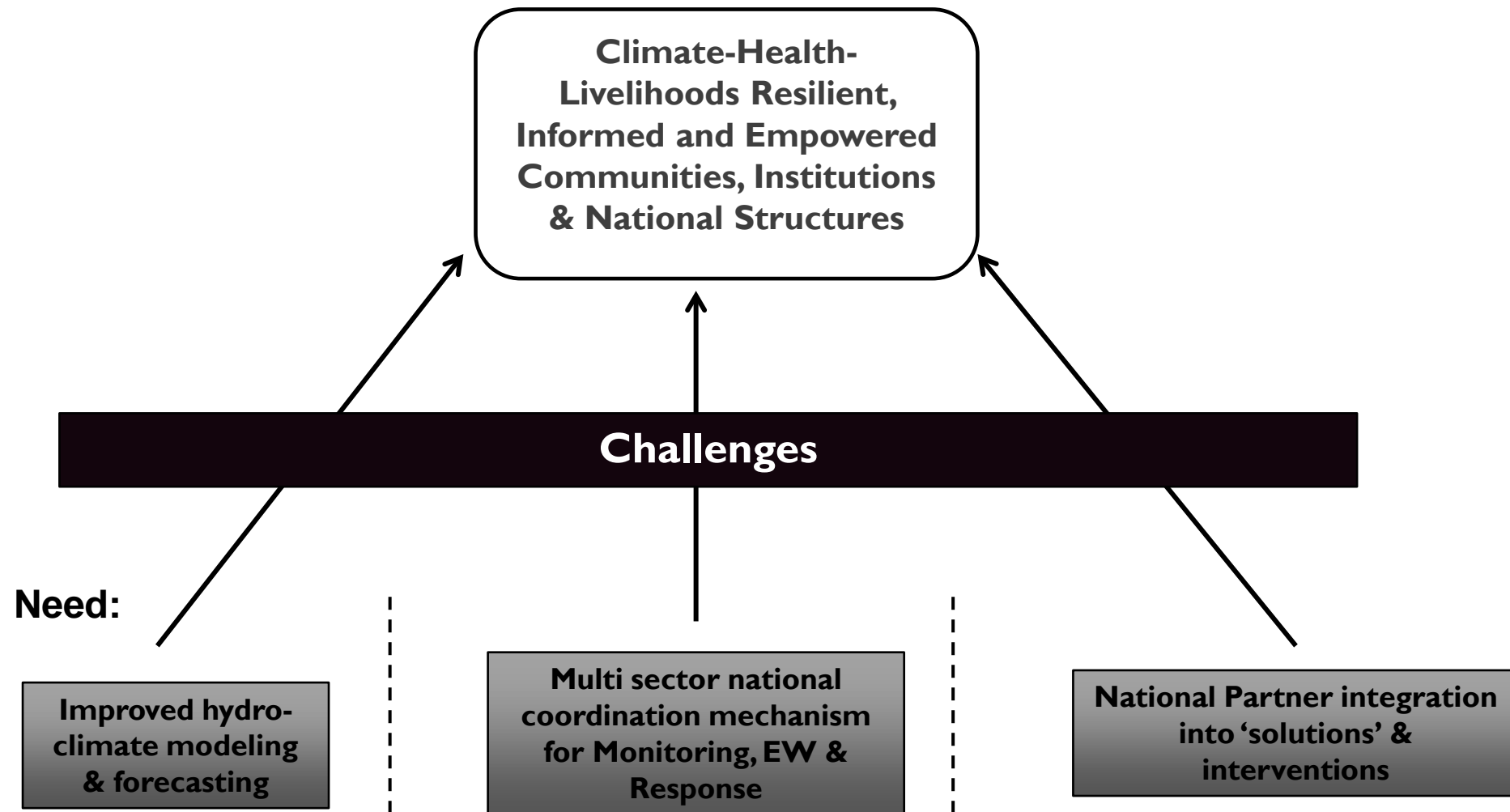
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- CIS and health information systems are fragmented. EW information is delayed by passage through agencies, non-collaborative sectors, lack of knowledge exchange
- Limited access to relevant timely data
- Inadequate technical capacity in key organizations to recognise, understand, interpret and apply available health / climate information
- Impacted by inadequate collaboration across Universities, Department of Climate Change, NHMS
- Slow operationalization of cross-border surveillance with no regional public health emergency coordination
- Lack of systematic data collection, analysis and dissemination
- Poor standardization and quality of data and metrics
- Weak research and innovation capabilities
- Policy frameworks (Libreville Declaration, 2008)
- Inadequate infrastructure & connectivity
- Inadequate funding

Legal Systems,
Regulatory Structures



OPPORTUNITY: CLIMATE-RESILIENT HEALTH SYSTEMS



A NEW BUSINESS MODEL

New Opportunities from Private Sector involvement

- Innovative Capacity for Scale
- Expanded opportunity for operationalization
- Challenge existing structures (PPP)
- Potential for cost-effective solutions
- Expanded consumer / user base

Private Sector Pitfalls

- Are National Met Services being bypassed?
- Rapid acceleration without foundational services, expertise data delivery in place
- Overflow of information to customers
- Need for consumer protection, risk of destroying own market with 'incorrect' information
- Public Health/ Early Warning/ Disaster Response Information is a Public Good
 - What are the equitable profit models

PATHWAYS FORWARDS

- Putting basics in place
- Building from existing foundations
- Integrating capacity building through collaborative step changes
- Information culture
- Grassroots Approach, prioritizing partnerships and collaborative, People-Centred Approach
- Standardization of indicators and data communication of climate and health data
- National data warehouse
- Increased local funding
- Development of targeted information products to enhanced an information culture
- Integration of CIS, HIS, Agricultural information, Livelihoods

THANK YOU!

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