# Climate resilient health systems: Framework of action

\*Source: KIIs & Literature Review

**WHO Health System Building Blocks**

**Leadership & Governance**

Governance

- Designate focal points

- Notify coordination committees

- Nominate a joint technical working group

Policy

- Review international policies to recommend changes in national policies

- Develop MEAL mechanisms

Cross-sector collaboration

- Strengthen community advocacy & engagement

- Conduct health impact assessments on new mitigation & adaptation policies

**Health Workforce**

Human resources

- Develop curricula & training courses for various levels of health professionals/ students

Organizational capacity

- Update institutional contingency plans with respect to climate resilience

Communications & awareness

- Develop information material & communication strategy

**Health Information Systems**

Vulnerability, capacity and adaptation assessments

Vulnerability

- Conduct/ complete vulnerability assessment and risk mapping with respect to health systems

- Develop baseline indicators

Capacity

- Collect information on existing human resource, technical and health service delivery capacity and identify gaps

Adaptation options

- Establish M&E mechanism for health risks associated with climate change

- Review adaptation options

Integrated risk monitoring and early warning

Disease surveillance & early warning

- Finalize the climate changing network profile

- Review and update disease surveillance tools

Monitoring

- Develop indicators for monitoring vulnerabilities and risks - Periodic review of health system capacity with respect to vulnerabilities

Communication

- Engage community for responding to climate threats with effective communication

Health and climate research

Research Agenda

Promote research to assess health system GHG emissions.

Explore link between dust storms and air pollution

Support Research

- Establish network of researchers linked across academia, development partners and public sector

Connect to Policy

- Promote/ support collaborative research efforts with Government agencies/ departments

**Essential Medicines & Technologies**

Climate resilient sustainable technologies & infrastructure

Adaptation of current infrastructure & technologies

- Explore best practices for upgrading old buildings.

- Conduct GHG emissions assessment of health sector

Promotion of new technologies

- Identification, evaluation & feasibility assessment of new technologies for local uptake.

Sustainability of health operations

- Evaluate supply chain integrity at health facilities in catastrophic climatic events with a focus climate sensitive medications/drugs.

**Service Delivery**

Management of environmental determinants of health

Monitoring

- Develop integrated monitoring mechanisms with other sectors for, e.g. energy, transport, climate, food and agriculture & housing etc.

Regulation

- Review and update on regulatory policies with respect to building health system resilience towards climate change

Coordinated Management

- Develop intersectoral management tools for climate resilient health systems

- Conduct health impact assessments for policy/ programmes in related sectors

Climate-informed health programs

Health programming Delivery of interventions

- Review and update public health planning for maternal health, communicable/ non-communicable diseases and other programs to include climate-risks considering geographical shift and future frequent occurrence of various climatic events potentially affecting mortality & morbidity

Emergency preparedness and disaster risk management

Policies and protocols

- Review and update emergency preparedness and disaster reduction policies with respect to future climatic conditions

Risk management

- Develop health sector contingency plan for extreme weather events

- Review and update emergency response plans for health facilities

Community empowerment

- Review and update national all-hazards health emergency and disaster risk management programs, based on risk and capacity assessments considering short and long-term climate trends

**Climate and Health Finance**

Finance

Health-Specific Funding Mechanisms

- International scoping of funds for climate resilient health systems (e.g. the GEF, Adaptation Fund, bilateral donors)

Development funding in Sectors Influencing Health

- Include climate change criteria for future investments in key health determining sectors such as WASH, food security etc.

Climate Change Funding Streams

- Health impacts of climate change monitored in programs funded through financial mechanisms specific to health-determining sectors