Regional Workshop on Developing National eHealth Strategies

Plans for preparing eHealth strategies

30th September – 2nd October 2013

South East Asia Region
Bangkok, Thailand

Plans for preparing eHealth strategies: presentation preparation

- Country Groups are to consider how they agree a timetable for eHealth strategy development, focusing on Women's and Children's health, over the next 12 months. This is to include:
  - Stakeholder engagement
  - Strategic context
  - Agreeing the Vision and eHealth Outcomes
  - Action Plans, in particular for the action lines of
    - Foundations
    - Solutions
- What actions will you take in the next 1 month?
- Country Groups are asked to make a 5 minute presentation

Sequence

1. Bangladesh
2. Bhutan
3. India
4. Indonesia
5. DPR Korea
6. Maldives
7. Myanmar
8. Nepal
9. Sri Lanka
10. Thailand

Country Plan for Preparing eHealth Strategies

Bangladesh

2 October 2012

Bangkok

COUNTRY PLAN - BANGLADESH

Stage	Months											
	1	2	3	4	5	6	7	8	9	10	11	12
Manage the process	██											→
Engage the consultant already hired to review to clarify ideas	→											
Engage with stakeholders	████████████████████████████████████ →											
• Develop the TOR	→											
• Identify stakeholders group	→											
Establish the strategic context	████ →											
Learn from eHealth trends	████ →											
Draft an initial vision & eHealth outcomes			████ →									
Identify required components					→							
Gather information on the eHealth environment	████████████████ →											
Assess opportunities & gaps						→						
Refine vision & develop recommendations							████ →					
Obtain endorsement from MOHFW										→		
Start mobilize funding & start implementation										████████ →		

TIME FRAME FOR e-Health Strategy Development - Bhutan

Sl #	Activity	O	N	D	J	F	M	A	M	J	J	A	S
1	Stakeholder engagement - Meeting with all stakeholders (prioritizing strategic context)	🟩											
2	Consultation to formalize vision and eHealth outcomes	🟩											
3	Assessment of ICT infrastructure		🟦	🟦									
4	Assessment of ICT skills		🟦	🟦									
5	Identifying solutions				🟨	🟨							
6	Develop eHealth strategies						🟥	🟥	🟥	🟥	🟥	🟥	🟥

Strategic context
- Reducing maternal and child mortality
- Reaching the unreached

Actions for next month
- Stakeholder meeting
- Core team to work on the strategic actions

India

- eHealth
- Vision
- Context
  - Current situation
  - Challenges
  - State subject
- Role of ICT
- Initiatives being taken
  - MCTS/MCTH
  - Core scope document
  - MDDS
  - DVDMS

Indonesia E-Health Action Plan

eHealth Strategic Implementation Timeline

eHealth Strategic Implementation Timeline

Month

Stage	1	2	3	4	5	6	7	8	9	10	11	12
Stakeholder Engangement												
Strategic Context												
Agreeing the Vision and eHealth Outcomes												
Action Plans												
Foundations:												
- GAP Analysis												
- Define National eHealth Roadmap												
Solutions:												
- Develop and/or adopt standard and terminology for:												
1. Registration system												
2. Equipment availability												
3. Funding Mechanism												

Action plan in one month:

- Goal: Develop National eHealth Strategic Planning
- Action plan :
  - Report the eHealth workshop on strategy planning to eHealth Working Group in MoH (established 2012) and to "DeTikNas" (National ICT Application Steering Committee) by Ministry of ICT
  - Held the inter-sectoral meeting coordination with agenda:
    - Review members and responsibility of eHealth Working Groups in MoH and DeTikNas.
    - Re-identify potential stakeholders.
    - Framework to develop national eHealth strategy
- Additional note: technical assistance and funding support to conduct the coordination meeting will provide by WHO Indonesia Country Office thru COIA budget mechanism.

Plans for preparing eHealth strategies

DPR Korea

Timetables for eHealth Strategy development:

- Formation of National eHealth Strategy Steering Committee:
  - Led by H.E. Vice-Minister for Public Health
  - Oct 2013

- Technical workshop for drafting National eHealth Strategy
  - 22-24 Oct 2013

- Multi-stakeholder's peer review of National eHealth Strategy
  - MoPH, MoC, MoE, MoF, Women's Union,
  - WHO, UNICEF, UNFPA, EUPSs, ITDC
  - Tentatively Nov 2013

- Comprehensive CRVS assessment:
  - Nov 2013

- Finalization of National eHealth Strategy
  - Dec 2013

Strategic Context:

- To ensure policy and legislation for ehealth
- To coordinate with relevant stakeholders for ehealth
- To establish integrated system for ehealth
- To mobilize participation of communities at the peripheral level
- To optimize management of HR, infrastructure and finance
- To adopt advanced lessons, best practices and experience gained from other countries
- To develop research for ehealth science and technology
- To strengthen M&E system for policy decisions and operational management

Vision and eHealth Outcomes

- Vision: By 2017, ehealth is established as the bedlock of health system to achieve desired health outcomes in the country

- Outcome: ehealth for women and child is established to the peripheral level via EHR, based on currently established telemedicine system

Action Plans

Foundations	Solutions
1. To strengthen National system for registration, health care and immunization to women.	• Health workers advocated to updated the system......
2. Assess capacity and capability of existing government organizations or agencies to build, implement and operate a foundation ehealth service	• Monitor implementation to ensure National compliance
3. Define, review and adopt standardized terminology for ehealth	• Updated SOP for e/m health • Integrate routine R&R system • Develop software inclusive of adapted terminology for e/mhealt
4. Link health organization and provider accreditation to minimum computing infrastructure requirement	• Develop compliance process with MoC and MoPH • Develop certification and compliance criteria
5. Develop integrated data connectivity implementation design and plan	• Establish and strengthen integrated national information center
6. Deploy high-priority data connectivity infrastructure	• Operational national ehealth service center

Maldives

The Maldives is a country composing of a group of approximately 2000 islands grouped
into clusters designated as Atolls, out of which approximately 200 are inhabited.

 The right of every citizen to access good quality health services in the Maldives is protected by the Constitution of the Republic of Maldives and it directs the Government to ensure this right is realized for all.

Outcomes of eHealth

- Improved access to medical advice
- Improved access to information
- Improved access to diagnostics
- Improved patient and population health outcomes
- Patient empowerment
- Support to program reform or health system change management
- Improved population health outcomes

Vision for Health

- The government policy includes the aim to improve the quality and affordability of healthcare with a focus on access for all.

E-health goals

- provide standardized high quality medical services, by using interoperable, compatible, reliable, and scalable E-Health solutions
- Have equal access to medical expertise available in maldives as well as international medical care institutes by all the residents of the Maldives through

EHealth Objectives

- Establish an integrated health information system
- Improve access and quality of health care given to general public using ehealth
- Strengthen the capacity to monitor health indicators and conduct system reviews in a timely manner
- Facilitate efficient emergency or disaster management and timely decision making in health emergency situations

Major healthcare initiatives in Maldives

- SEARO Integrated Data Analysis System (SIDAS)
- Hospital Information System (HIS)
- E-Government Portal for online birth and death registration
- Telemedicine

- Share this information to the focal division (eHealth division, Department of Health Planning) and Minister for Health
- Situation analysis for baseline data of ICT infrastructure
- eHealth steering committee will be established in June 2014
- Stakeholder engagement for eHealth steering committee (which will be led by MoH in collaboration with other related ministries)

- ❖ **Capacity building of Human resources for eHealth**
- ❖ **Consensus forum in collaboration with ICT and Development partners such as WHO, world Bank, UN agencies etc. for**
  - understanding country context of eHealth,
  - setting eHealth outcome to establish eHealth in the bedrock of Health system to achieve desired health outcome
  - For action plans (foundation –to approve national ehealth standard and physical infrastructure)(solution –in cooperation with development partners, Software compliance function established, Electronic prescription method)

- ❖ **eHealth/mHealth strategy will be published next year**
- ❖ **Our vision, mission and goals will be in line with regional strategy for strengthening eHealth in South East Asia Region of WHO**

Action Plan – eHealth Strategy Development Process

Nepal

Task	Oct 1	Oct 2	Oct 3	Oct 4	Nov 1	Nov 2	Nov 3	Nov 4	Dec 1	Dec 2	Dec 3	Dec 4	Jan 1	Jan 2	Jan 3	Jan 4	Feb 1	Feb 2	Feb 3	Feb 4	Mar 1	Mar 2	Mar 3	Mar 4	Apr 1	Apr 2	Apr 3	Apr 4
Stakeholder engagement	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Policy makers, administrator, technical and donor agencies	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Health service providers, telemedicine project staffs													■	■	■	■	■	■	■	■								
Clients																					■	■	■					
Strategic context			■	■	■	■	■																					
Vision agreement									■	■																		
Action plans																												
Foundation											■	■	■	■	■	■	■	■	■	■								
Solution											■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Next month's plan

- Steering committee meeting and formulation of core strategic team
  - Familiarize with eHealth strategy (content, process and expected outcome)
  - Approve core group
- Orientation - eHealth Core Group
- Strategic context analysis

National eHealth Policy for Sri Lanka

Gives the **guiding principal**, aimed at implementation of Information and Communication Technology in the healthcare sector of Sri Lanka

Vision

To **streamline** the adoption and use of ICT in the Healthcare Sector of Sri Lanka.
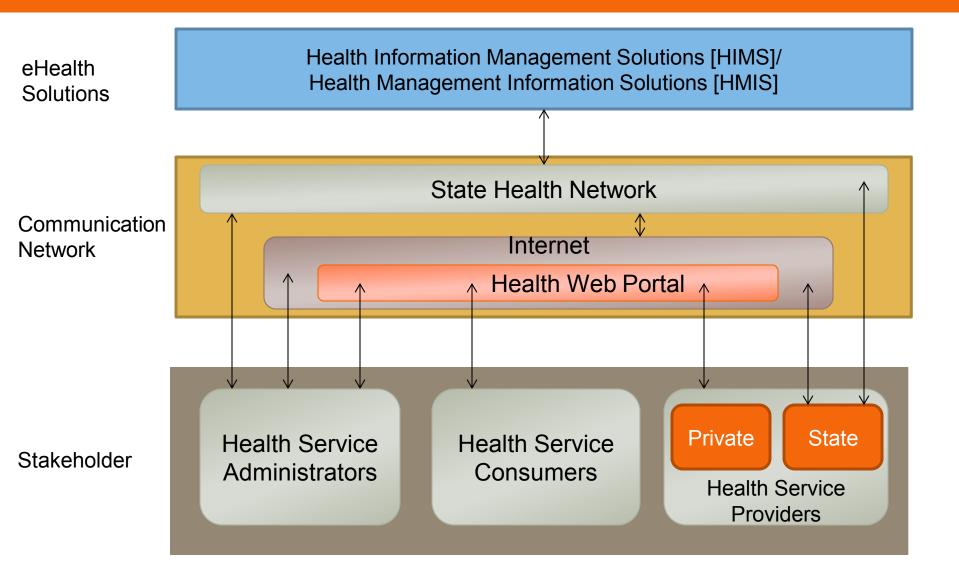
Mission

To adopt ICT solutions **appropriately** in the healthcare sector of Sri Lanka to improve the **quality**, **efficiency**, **patient safety**, and **cost effectiveness** of health care thus contributing to achieve the goals set out in the National Health Policy.
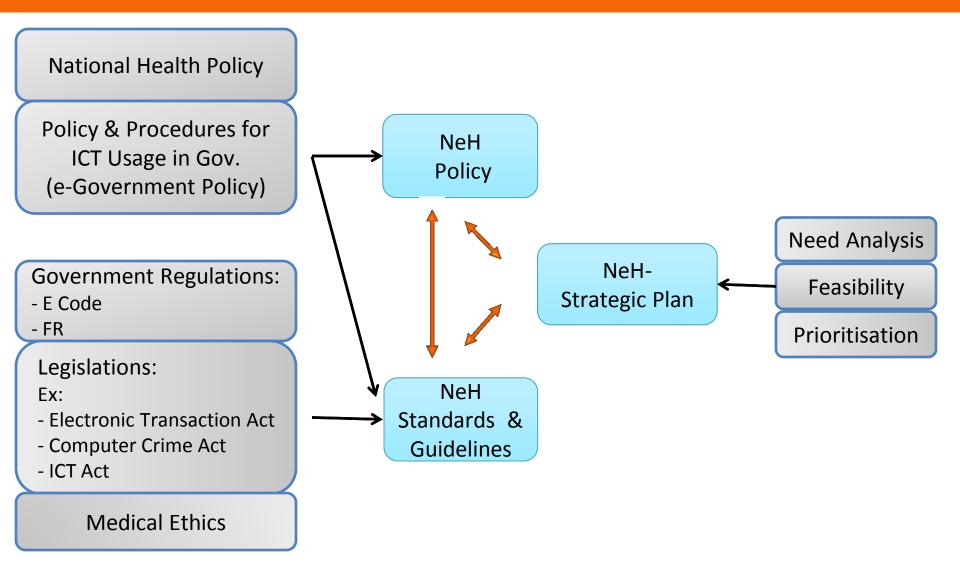
National eHealth Standards and Guidelines

ɛ Provides standards and guidelines for implementing Health Information Systems in the Health Sector of Sri Lanka

ɛ The whole document is applicable to State Health Sector and Only parts of it for the Private Health Sector

ɛ This document will be reviewed once in every 6 months and changes can be made only if necessary

Architectural Model

National eHealth Base Documents

National Health Policy

Policy & Procedures for ICT Usage in Gov. (e-Government Policy)

Government Regulations:
- E Code
- FR

Legislations:
Ex:
- Electronic Transaction Act
- Computer Crime Act
- ICT Act

Medical Ethics

NeH Policy

NeH Standards & Guidelines

NeH-Strategic Plan

Need Analysis

Feasibility

Prioritisation

Timelines So Far

National eHealth Steering Committee

- First Proposed at a Meeting with ICTA on 21st July 2010
- Formed and First meeting held on the 6th September 2010

National eHealth Technical Committee

- Formed in June 2012 by the NeH Steering Committee

Working Committee on National eHealth Guidelines and Standard

- Formed on 02.07.2013 by the NeH Steering Committee

Working Committee on National Health Information Policy and Strategic Plan

- Formed on 02.07.2013 by the NeH Steering Committee
- First draft version of the eHealth Policy and eHealth Guidelines and Standards published on November 2012 (Was also made public via the Health Ministry Website).
- Plan is to complete them by December 2013 or early 2014.

What We Plan to Do
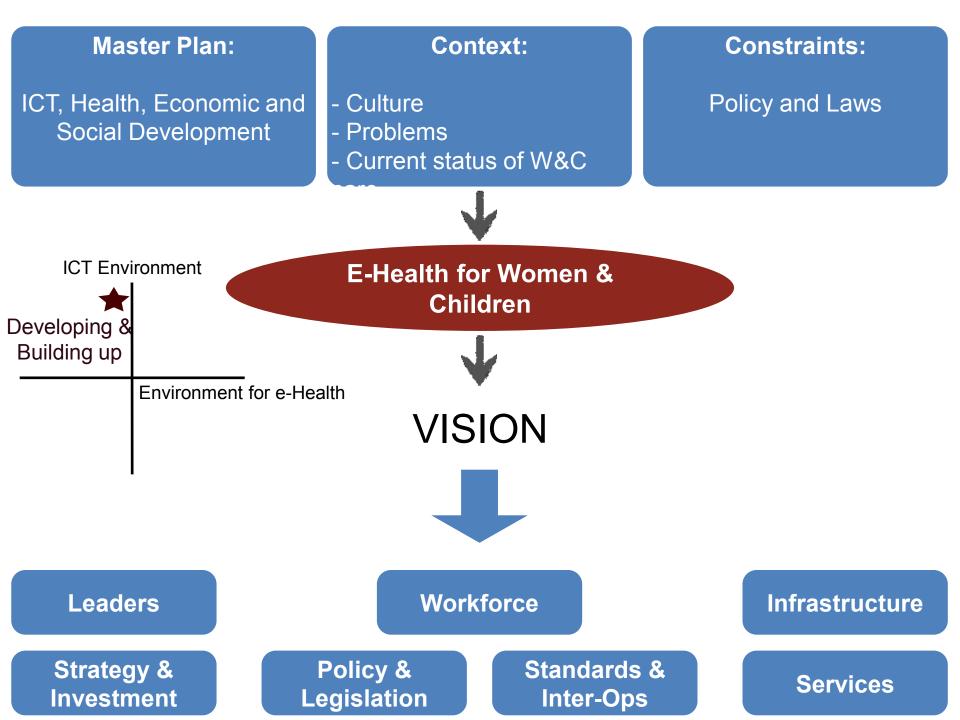
Next Month

1. Have a high level meeting to get the policy and strategy endorsed.

Next Year

1. Cabinet approval for policy and strategy
2. Preparation of annual budgeted action plans and integration of these plans to the second world bank funded health sector development project from 2014
3. Establishing the routine review and evaluation mechanism by the eHealth Steering Committee

Thailand

Master Plan:

ICT, Health, Economic and Social Development

Context:

- Culture
- Problems
- Current status of W&C

Constraints:

Policy and Laws

ICT Environment

Developing & Building up

Environment for e-Health

E-Health for Women & Children

VISION

Leaders

Workforce

Infrastructure

Strategy & Investment

Policy & Legislation

Standards & Inter-Ops

Services

Funding

Foundation	Funding
- Providing Internet connectivity	- Home owner - USO Funding - Thai Health
- Terrestrial air time (both Radio and TV)	- Sponsorship from TV and Radio Station - Share Ads revenue
Solution	**Funding**
- Hardware and software (e.g., websites, data center, e-Counseling, assisting program, program)	Pilot project funding from NGO such as World Bank or APT
- Network	Thai Health
- Training, Administration and management, Program creative	Thai Health
Governance	**Funding**
- Thai Health Foundation	- Alcohol and Cigarette tax - Donation - Advertisement - Product (e.g., T-shirt and other contraceptive products)

Monitoring and Evaluating

E-Health Output Indicator	Stakeholder	Baseline Measure	Target Measure at Year 3	Target Measure at Year 6
Foundation:				
Internet penetration	Family	31%	80%	90%
Solution:				
Website views per day	Family	0	10,000 views/day	100,000 views/day
Number of e-Counseling per day	Family	0	500 times/day	5,000 times/day

TIme LInes

Tasks	Duration
Leadership	3 Months
Core Team	1 Week
Steering Committee	1 Week

Next Month ?

Get our boss to

READ and understand

e-Health and its importance