DIGITALIZATION FOR UNIVERSAL HEALTH COVERAGE

Pillar for delivery of UHC

- 1. Health Commodity Security
- 2. Integrated Health Information Management ecosystem
- 3. Human Resources for Health
- 4. Health Financing

PRIMARY HEALTHCARE

Community-based Primary Healthcare: Basic screening, Preventive and Promotive Health, Water, Sanitation and Hygiene, Outreaches

Facility-based Primary
Healthcare: Medical outpatient
and inpatient, screening, Oral
and Eye care services, basic
lab investigations, Maternal and
Child Health

SECONDARY AND TERTIARY HEALTHCARE

Hospital-based: Referred outpatient and Inpatient, Critical care, Surgical procedures and transplant surgeries, Cancer treatment, medical imaging, rehabilitation and palliative services, hospital level screening services, renal dialysis, Maternal and Child Health, Mental Health Services

MANDATORY SERVICES

Ambulance Evacuation: Basic Life Support (BLS), Advanced Cardiac Life Support (ACLS) and Pediatric Advanced Life Support (PALS) Ambulances

Accident and Emergency care

LAST EXPENSE

THE UHC **ESSENTI** BENEFIT PACKAG E (EBP)

Costing and Financing model

49 Billion –
Critical illness fund and
Social health insurance

144 Billion
Social health insurance

77 Billion
Publicly financed individual capitation

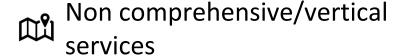
18 Billion
Publicly financed individual capitation

The 4 paradigm shifts to address PHC

Current state



Curative approach



Fragmented primary healthcare structures

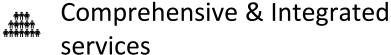


Non-Sustainable Financial support

Shift to



Preventive and Promotive approach

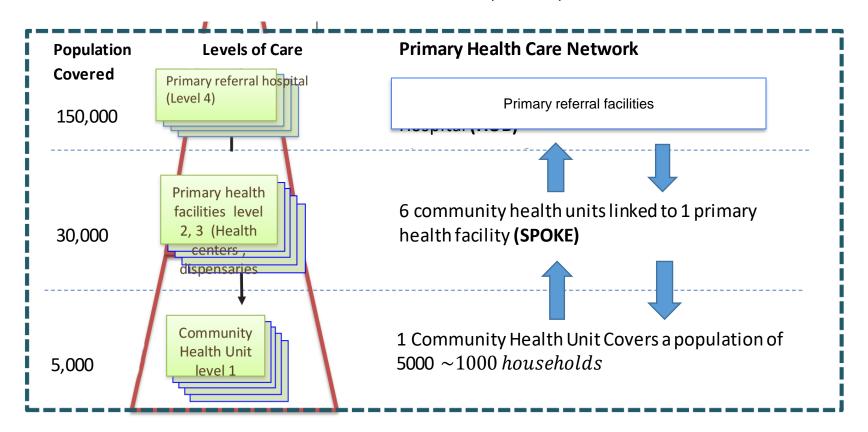


PCNs to strengthen service delivery at level 3, 2 and 1

Sustainable Financing

Goal: Enhancing preventive and promotive care to reduce the demand for healthcare commodities

PRIMARY CARE NETWORKS (PCN)



Integrated Health Information Technology

- Set up a fully integrated and interoperable health information ecosystem to drive patient centric services, prevent fraud, Improve responsiveness, efficiency, transparency and sharing of health data between health providers
 - The system will provide interconnectivity in the health sector (private and public) unlocking efficiency at all levels through end-to-end visibility of the whole health ecosystem.
 - Implement the Kenya Integrated Human Resource Information (IHRIS) system to track and manage the health workforce, operationalize Telemedicine
 - facilitate the use of telemedicine by caregivers in geographically isolated communities to provide healthcare services,
 - Patient data portability across the providers
 - The ecosystem will provide patient data portability, remote diagnostics and telemedicine.
- We seek to work together to see the dream of fully digitization of our health care system across all the facets and functions



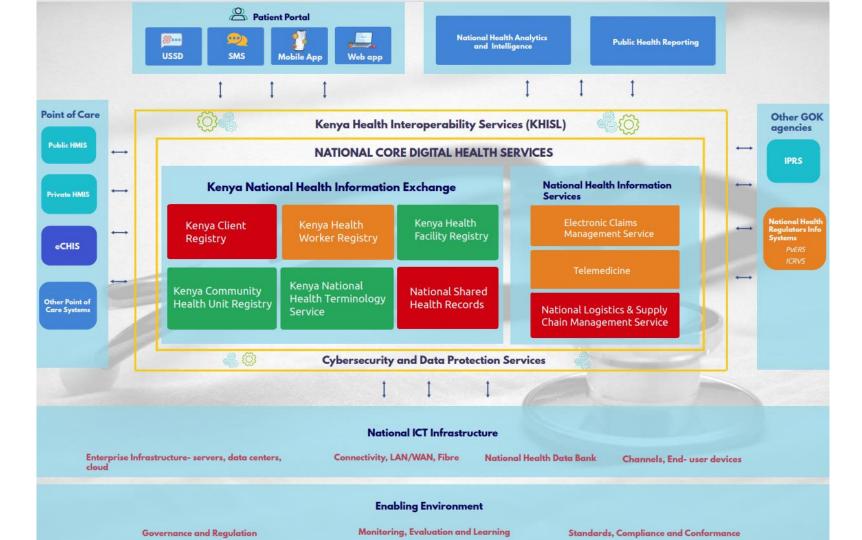
Roadmap for attai	nin	g U	niv	ers	al I	Hea	altl	h C	ove	erag	ge	(Afy	ya I	Bor	a N	Иas	shii	nan	ni)											_
Implementation Roadmap for Primary Health Care			FY 2022/23 FY 2023/24							FY 2024/25																				
	Ja	Fe	М	Α	М	Ju		Αυ	Se	O	No	De	Ja	Fe	М	Α	М	Ju		1							М	1		
Item	n	b	ar	pr	ay	n	Ju	lg	р	ct	٧	С	n	b	ar	pr	ay	n	ı	g	р	ct	٧	С	n	b	ar	pr	ay	n
a) Identification and training of CHPs	х	х	Х	Х	х	х	х																							
b) Finalization on eCHIS					Х	Х																								
c) Commissioning of the 90,000 CHPs					Х																									
d) Identification and Registration of households by CHPs					X	х	x	x																						
e) Assessment of levels of health services for accreditation						X	x	х	х																					
f) L2&3 Facility improvement - HRH, Infrastructure and Digitization									X	x	x	x	x	x	x	x	x	x	X											
g) Setting up of the Primary Care Networks (PCNs)																														
PCN Management teams							х	х	х	х	х	х	х																	
PHC Fund												х	х	х	х	х	х	х	х											
h) Reorganization of the PHC funding external			Х	Х	Х	х	х	х	х																					
i) Reorganization of the PHC funding domestic								х	х	х	х	х	х	х	х	х	х	х												
j) Roll out of the new service delivery model																			х	х	х	х	х	х	Х	х	х	Х	X	х

What will it take to effectively implement the KNHIE?

Our Justification

To accelerate the progress towards attainment of UHC through digitization of health services. The benefits include:

- Last mile service delivery of health care including remote consultation and telemedicine support.
- Ensuring continuity of care across the cascade
- Improved public health reporting and surveillance
- Improved quality of care
- Reduced cost through improved efficiency, preventing fraud
- Improved revenue collection and accountability of the funds
- Promoting patient centric care with patient taking control of the health records and data portability
- Spur growth of the digital health sector creating opportunities for job creation.



Digitalization Deployment Requirements-L2&3

ICT Infrastruct	ure: Level 2		
Output	Activities	Equipment	Quantity
ICT equipment	Procurement	Computers	7
	and	PC UPS	7
	Installation of	Tablets	1
	equipment	Thermoprinters	1
		printer (MFP)	1
		barcode scanner	1
Connectivity of	Deployment of	LAN	1
service points	Lan + Wireless	infrastructure	
Capacity building	Training of users	Capacity Building	Misc.
TOTAL FACILI	TIES: 4,630.		

ICT Infrastructu	ıre: Level 3		
Output	Activities	Equipment	Quantity
ICT equipment	Procurement and	Computers	17
	Installation of	PC UPS	17
	equipment	Tablets	3
		Thermoprinters	3
		printer (MFP)	1
		barcode scanner	1
Connectivity of service points	Deployment of Lan + Wireless	LAN infrastructure	1
Capacity building	Training of users	Capacity Building	Misc.
TOTAL LEVEL	3 FACILITIES: 1,088		

Digitalization Deployment Requirements-L4&5

ICT Infrastructur	e: Level 4		
Output	Activities	Equipment	Quantity
Procured	Procurement	Computers	70
equipment	of equipment	Laptop	5
		PC UPS	70
		Tablets	10
		Thermoprinters	6
		Printer (MFP)	2
		barcode	1
		scanner	
Connectivity of	Deployment	LAN	1
service points	of Lan + Wireless	infrastructure	
Capacity building	Training of	Capacity	Misc.
	users	Building	
TOTAL LEVEL 4	FACILITIES:	337	

ICT Infrastructure Level 5							
Output	Activities	Equipment	Quantity				
ICT equipment	Procurement	Computers	194				
	and	PC UPS	10				
	Installation of	Tablets	194				
	equipment	Thermoprinters	24				
		Printer (MFP)	10				
		barcode scanner	4				
Connectivity of service points	Deployment of LAN +W ireless	LAN infrastructure	2				
Capacity building	Training of users	Capacity Building	Misc.				
Telemedicine	Procurement	Video conference	1				
Conference	& installation s	equipment					
TOTAL LEVEL 5	FACILITIES: 4	17					

Q&A