

COMPREHENSIVE DIGITAL HEALTH APPLICATION FOR UTTAR PRADESH

The National Digital Health Mission (NDHM) was launched by the honourable Prime Minister on 15th August 2020, to make healthcare affordable, accessible, and equitable. NDHM aims to develop the backbone necessary to support the integrated digital health infrastructure of the country. It will bridge the existing gap amongst different stakeholders of the Healthcare ecosystem through digital highways.

NDHM's Vision

“To create a National Digital Health ecosystem that supports Universal Health Coverage in an efficient, accessible, inclusive, affordable, timely and safe manner, through provision of a wide range of data, information and infrastructure services, duly leveraging open, interoperable, standards-based digital systems, and ensuring the security, confidentiality and privacy of health-related personal information.”

70%

POPULATION LIVES IN RURAL AREAS

197

MATERNAL MORTALITY RATE (PER 100,000 LIVE BIRTH)

2.7

TOTAL FERTILITY RATE

43

INFANT MORTALITY RATE (PER 1000 LIVE BIRTH)

1SRS, 2016-18



Challenges in the existing data systems

Aggregated data at HMIS level does not offer an opportunity to do intensive microplanning in the absence of individualized data.

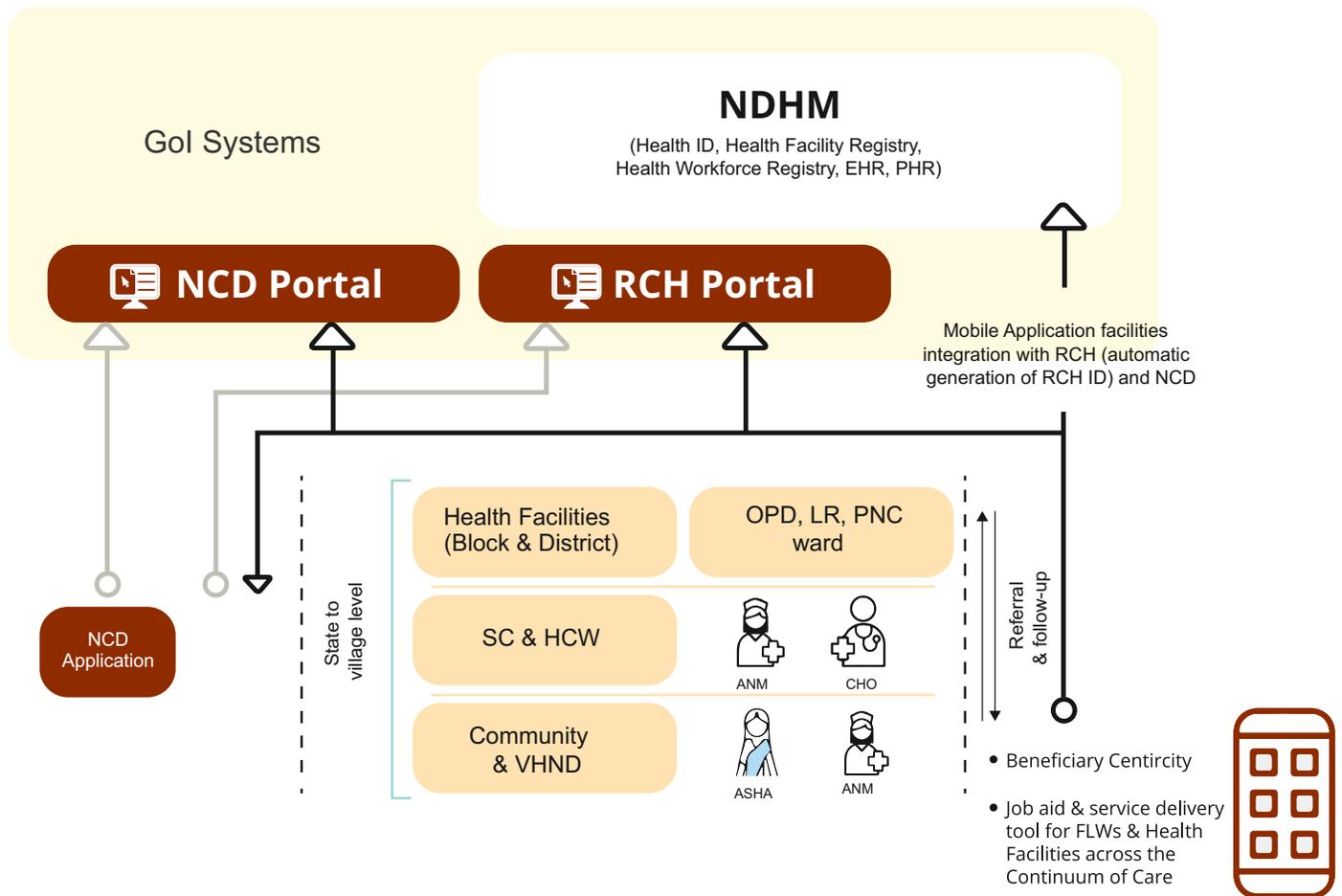
Tracking of women, children across the continuum of care is not possible unless data is collected at source.

Existing applications not based on a workflow system that establishes linkages between facilities and communities.

Digital systems for Comprehensive Primary Healthcare (CPHC)

Frontline Workers (FLWs) including ASHAs, ANMs are the backbone of the healthcare system. Digitally enabling the FLWs is a significant step for paving the path for digitizing data at source, ensuring availability of unitized data and helping improve coverage and quality of health services. Understanding the essence of digitalisation, the Govt. of UP has come up with

'Comprehensive Digital Health Application' for FLWs, health officials, for ensuring the last mile care and improving quality of health services by collecting data at source. The application will be integrated with the other digital platforms such as RCH and NCD portal, to ensure timely updating of beneficiary level information.



Application overview

The application is a digital job-aid tool for FLWs, district and block health officials for collecting the data at source. It is a mobile and web-based application that is built on a 'low-code' platform based on key national and relevant international standards. The platform helps in collecting comprehensive unitized data at source for improved service delivery. This application will be integrated with the other digital platforms like RCH and NCD portal, to ensure timely updating of beneficiary level information.



Application process

Application Modules

Module 1:

Enumeration (Family Survey); Migration, Merge & Split of the Family

Module 2:

RCH Module

Module 2.1

Eligible couples for Family Planning

Module 2.2

Antenatal Care (ANC)

Module 2.3

Pregnancy Outcome (Abortion & Delivery)

Module 2.4

Post Natal Care (PNC)

Module 2.5

Child Health

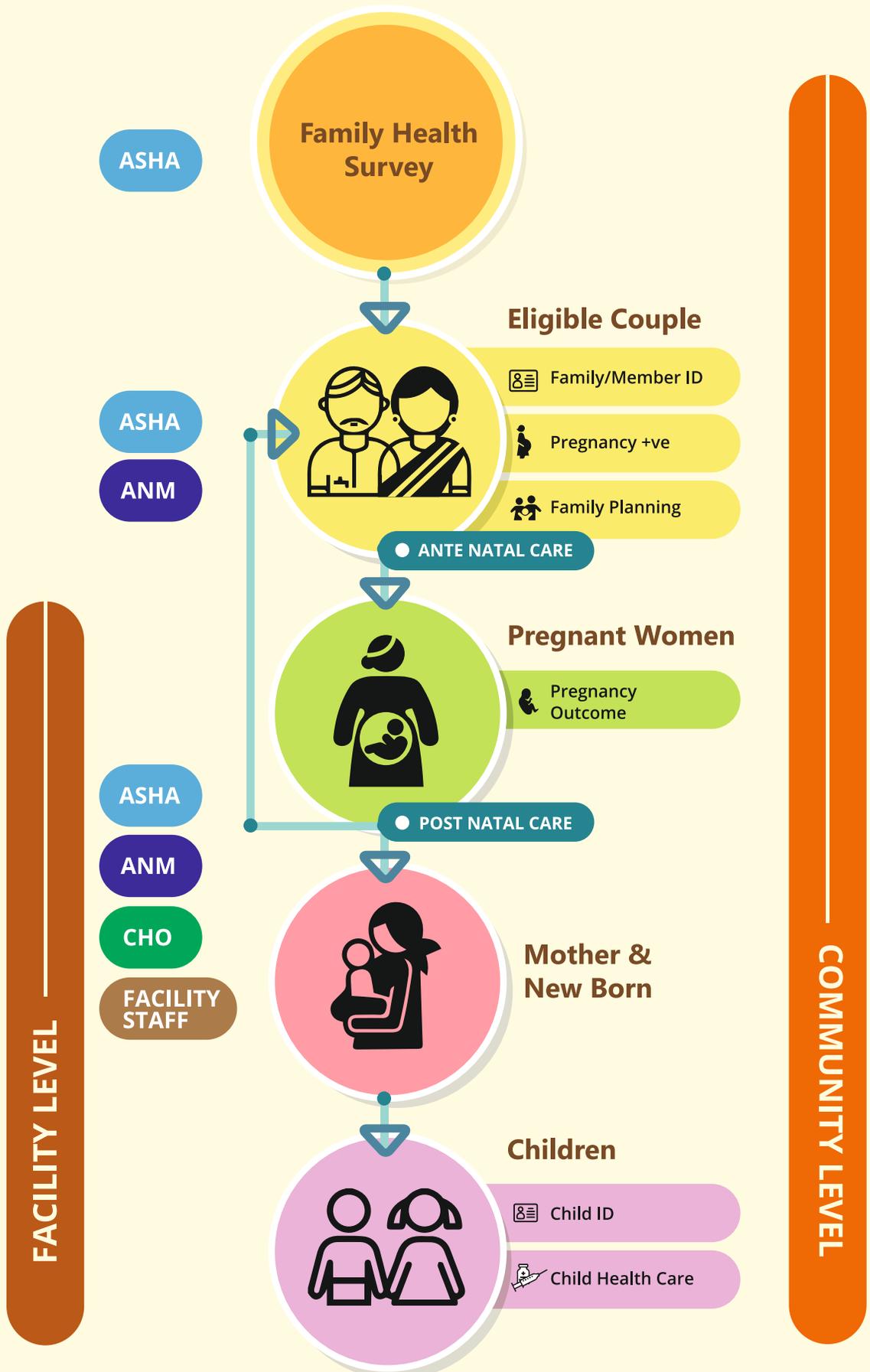
Module 2.6

Death (Maternal & Child)

Module 3:

Facility Module

Module 4: NCD



BENEFITS OF THE APPLICATION



High Risk Pregnancy
Tracking and
Management



Longitudinal, digital
tracking of pregnant
women, child health
status and services



Scheduling and
planning for FLWs



Digital due list for
FLWs



Videos for
counseling



Availability of real
time information for
immediate action



Broadcasting key
health related
messages



Reminders to FLWs
for their visits



Alerts for users

