

Integrated Healthcare waste management in COVID-19 crisis – An experience of Nepal

GIZ- Support to the health sector program | 13 May 2020



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Outlines

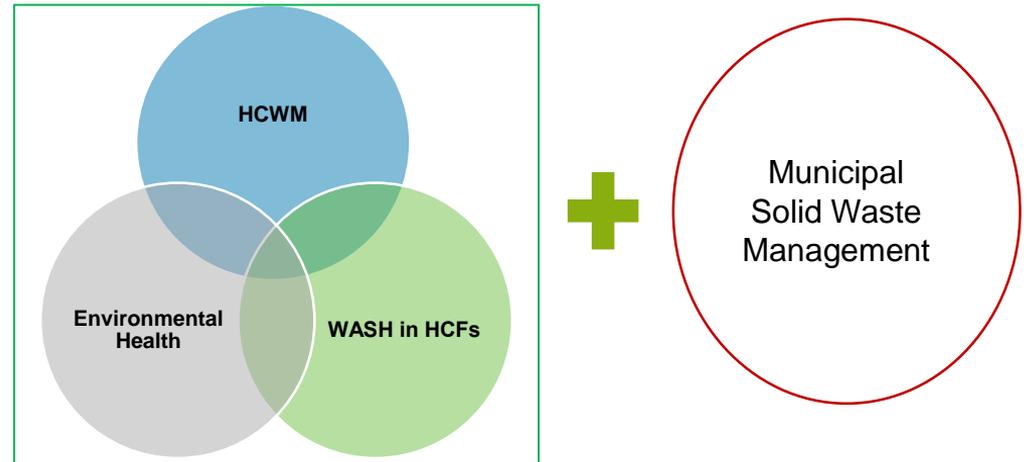
- Integrated Healthcare Waste Management in Nepal – joint effort in Nepal
- Key initiatives
- Healthcare waste management in response COVID-19 crisis
- Key issues and way forward.

Integrated HCWM – A joint approach in federal context of Nepal

Objective:

To improve healthcare waste management practices at institutional level, with emphasis on treatment and disposal system and to municipal waste management system at sub-national level of federalized Nepal

Sustainable and integrated HCWM at-sub national level:



Key partners



Government of Nepal

Ministry of Health and Population



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KFW



World Health Organization

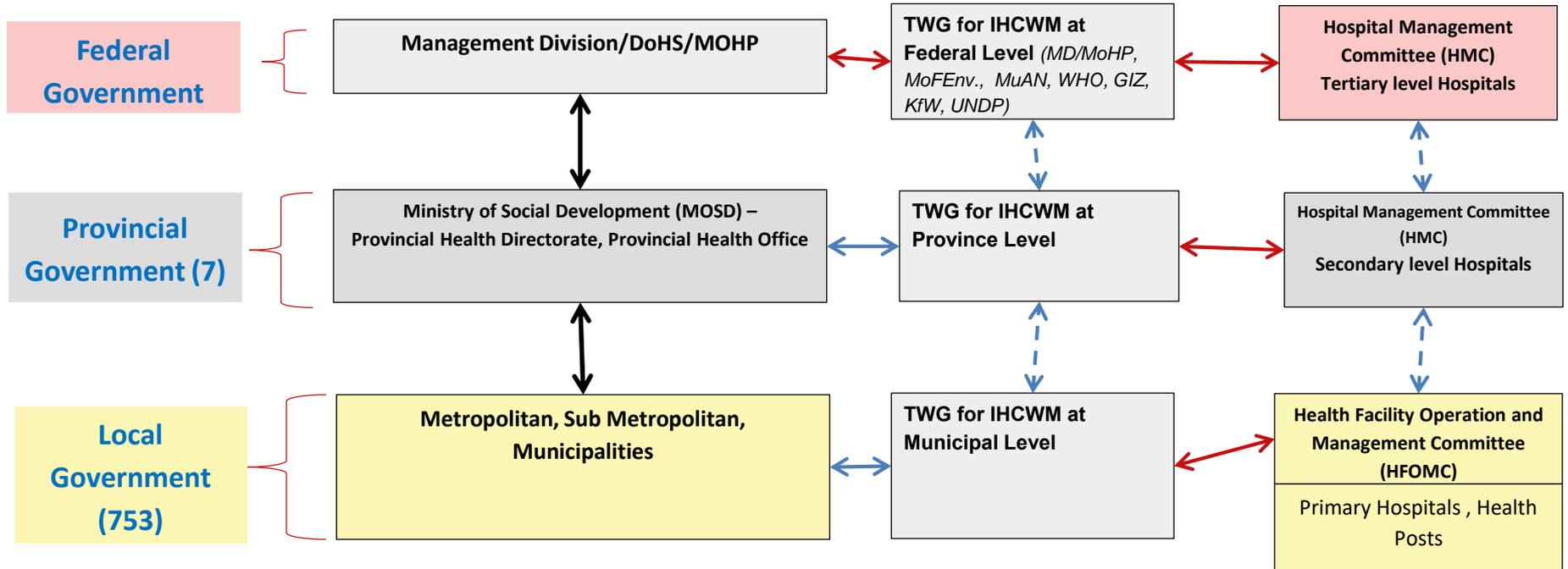
Nepal



SNV



Governance Structure of Integrated HCWM



Key Initiatives

Started with support to single district hospital for strengthening healthcare waste management system.

Developed concept of Integrated HCWM at municipal level and scaled up to selected municipality and provinces

In initiation of MoHP, organized 1st National workshop on healthcare waste management and WASH in healthcare facilities.

Action Plan of 12- points resolutions on hand (Draft).

Integrated training packages on HCWM, WASH and Environmental Health, SOP draft

Draft of National HCWM Standards and Operating Procedure



http://health.bmz.de/events/News/no-time-to-waste-in-nepal/giz_Nepal_NoTimeToWaste_2020.pdf

Managing waste from evacuation in COVID-19 crisis

In February 2020, GIZ-S2HSP together with WHO and HECAF, has assisted the MoHP to develop waste management plan and guidelines (approved) plus provided equipment to ensure proper management of infectious waste generated in a flight carrying 175 Nepali citizens from china and also at quarantine facilities.



Healthcare waste management during COVID-19

Support on healthcare waste management and WASH in 13 hub hospital:

Supported do develop the healthcare waste management and WASH concepts and practices in 13 hub hospitals dedicated to COVID-19 treatment.

- Rapid assessment using digital tool on IPC, HCWM and WASH in hospitals (with WHO, UNICEF).
- Developed SOP of HCWM and WASH in quarantine and hub hospitals, and interim support is being done through virtual guidance along with basic HCWM and IP logistic.
- Provided equipment, Healthcare waste treatment center, training, sustainable HCWM system establishment to hub hospitals and beyond
- Supported HEOC/ MoHP in development of guidelines and SoPs.

- <https://heoc.mohp.gov.np/update-on-novel-corona-virus-covid-19/>



Issues, challenges and ways forward

Issues, challenges:

- Direct and indirect implications of extended lock down (COVID cases in increasing trend)
- Partners not familiar with virtual working environment.
- Challenge in quality assurance of PPE and other medical equipment – Quality test by whom?
- Limitations of reliable supplier in market.
- Difficult to find reliable supplier in market.
- Unmet emergency needs from local, province and federal government for COVID-19 response – ad hoc and urgent demand of commodities like PPE, RDT kits etc.

ways forward:

- Digitalizing tools like Rapid Assessment tool.
- Developing online training and orientation tools for SOP and Guideline of HCWM and WASH at quarantine and hospitals designated for COVID-19 response.
- Extending coordination with other partners working for HCWM and WASH like WHO, UNICEF, SDC, UNDP, WB etc.
- Scaleup and address HCWM challenges at national level incoordination with MOHP and supporting partners

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