

MUTUINI HOSPITAL STePP Demo Project

Dr. Josephine Nguri

Medical Superintendent, Clinical Pharmacist

Mutuini Sub-County Hospital, Nairobi

INTRODUCTION TO DAGORETTI SUB-COUNTY HOSPITAL MUTUINI



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- Located in Dagoretti Sub-County, Nairobi County
- Serves a catchment population covering Dagoretti, Kawangware, parts of Kiambu and Karen
- Hospital was started as a project of the Dagoretti Constituency Fund (CDF) by the then area member of parliament Hon. Beth Mugo in the year 2007 as a health Centre
- Later taken over by the Ministry of Medical Services
- Gazetted as a level 4 facility in the year 2009
- Managed under the directorate of health services Nairobi Metropolitan services since march 2020





OVERVIEW OF THE STEPP DEMO PROJECT

- The STEPP Demo project was initiated in the year 2019/2020 under the former Nairobi County Government
- Taken over by Nairobi Metropolitan services after transfer of the Health functions
- Project was officially adopted by UNIDO Japan in July 2020
- The project involved installation of a gasification incinerator at the facility health waste management

PROJECT TIMELINES

- Assessment & Planning- Aug –Sep 2020
- Preparation of the technology- Sep- Nov 2020
- Export-import of equipment- Nov-Jan 2020
- Installation & Commissioning – April 2021
- Trainings for operation and Demonstration – May- July 2021
- Data Collection and Analysis report Jul- Sep– 2021
- Oct 2021 – NEMA Licensing







CHALLENGES UNDER COVID

- Waste incineration was done out of facility
- Involved transporting waste in a vehicle to another facility about 10 Km away
- Waste accumulation, difficulty implementing Infection Prevention and Control Guidelines and Policies
- Waste segregation was difficult





IMPACT OF THE PROJECT TO THE HOSPITAL

- Real time waste management
- Up to 26 staff were trained and gained knowledge of operation of the equipment
- Hosted several other facility to show case the success of the project
- Hosted a team from the ministry of industrialisation to demonstrate the project progress
- Two new jobs created for waste incineration at the site

FUTURE OPPORTUNITIES IN KENYA

- Larger capacity equipment would be needed
- Equipment that utilise alternative sources of fuel like solar energy
- Specialised equipment that can manage pharmaceutical waste which is packaged in glassware etc

Thank You

