



SELECTION & MAPPING OF SLUM

A team of in-house GIS experts work on selection & mapping of slums using Google Earth's Remote sensing technology & Satellite Imagery. Slum-wise maps showing hutments & slum infrastructure are generated

Settlement level infrastructural facilities such as drainage network, water standposts, Community Toilet Blocks, manholes, waste bins, open dumping sites, etc. are mapped

RAPID INFRASTRUCTURE MAPPING (RIM)



RAPID HOUSEHOLD SURVEY (RHS)

Household level information such as family details, water connections, sanitation facilities, etc. is collected through rapid household surveys of individual families.

The Urban Local Bodies connected to the slum settlement validates the infrastructural data of the slum. The road network in & around the slum is validated by Google and ingested onto Google Maps.

VALIDATION OF DATA

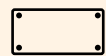


PLUS CODE GENERATION

After collating & integrating household and infrastructure data onto the GIS platform, Plus Codes are generated and linked to individual houses & infrastructural facilities within the slum settlement.

After conducting Quality checks by Google and Shelter Associates, acrylic Plus Code plates are sourced and fixed on the doors of individual houses, shops and community toilets.

PLUS CODE PLATES



MOBILIZATION & TRAININGS

Community mobilization & training sessions are conducted to educate communities and Urban Local Bodies on the concept of Plus Codes & its application.

Large physical maps of individual settlements showing Plus Codes of infrastructural facilities within the slum is installed for slum residents, service providers, ULB representatives and other visitors.

SLUM MAP INSTALLATION



PUBLISHED ON MYMAP TOOL

Individual slum maps with their Plus Codes are uploaded on Google MyMap tool & shared with key stakeholders. These maps show the slum & location to its various infrastructural facilities.