WASH Intervention In Makani +
What is an ITS?

• “Residential areas where a group of housing units has been constructed on land to which the occupants have no legal claim, or which they occupy illegally”; and

• “Unplanned settlements and areas where housing is not in compliance with current planning and building regulations”

* UN Habitat Programme Definition
ITS Characteristics

• Being a mobile settings where inhabitants are moving from one location to another depending on the agriculture season;

• Appear as more vulnerable and less resilient than those who live in official camps or within host communities;

• Affected by poorer sanitation and housing infrastructure, intermittent or non-existent basic service provision;

• Given their often geographic remoteness and controversial legal status, ITSs communities receive minimal, if any, humanitarian assistance.
What is Makani +

- Informal Education
- Child Protection / Psycho-social Support
- Life Skills
- Outreach / Awareness

WASH Intervention
WASH Intervention in Makani +

- ITSs are not connected to water networks or other reliable sources of water and therefore need to rely on water storage.

- ITSs do not have adequate water storage facilities to meet their needs.

- ITSs do not have appropriate sanitation facilities.

- ITSs do not have clean water for drinking purposes.
Existing Water Storage Facilities in ITS
Existing Sanitation Facilities in ITS
Objectives of WASH Intervention

- *Provide adequate water storage facilities.*
- *Provide dignified sanitation facilities.*
- *Improve access to safe water.*
- *Improve Hygiene and health safe practices.*
WASH Activities In Makani +

- Distribution of mobile Water Tanks on Stand.
- Distribution of mobile latrines.
- Distribution of tool boxes and Solar lamps.
- Distribution of bucket Water Filter.
- Hygiene Promotion.
Mobile Water Storage Tank

- 2 m³ Plastic Water Tank
- Metal Stand
  (1.3m ; total height - 1.8m).
- Stainless Steel or Ceramic Sink.
Mobile Water Storage Tank

- Single-source water tap
- Drainage pipe from the sink to a simple drainage channel.
Mobile Latrines

- **Metal frame with support tubes, corrugated iron (zinc) sheets, footrests, and a steel latrine pan.**
WASH Activities In Makani +

- *Latrine dimensions:*
  
  \[1m \times 1m \text{ (base)} \times 2m \text{ (height)}.

  *raised 0.3m above the ground.*
Mobile Latrines

- The pits for wastewater collection are unlined, covered with corrugated iron (zinc) sheets and have a depth of 1.5m.
Bucket Water Filter

- Two buckets, mounted on top of each other, in the top bucket there are two ceramic candle filters.

- The bottom bucket serves to collect and store the filtered water, and has a tap to access the water in a safe manner.
Bucket Water Filter

- Two ceramic candle filters, capable of removing sediments and bacteria from the water.
WASH Intervention - Numbers

- 71 ITSs
- 922 Bucket Water Filter
- 6000 Individuals
- 341 Water Tank
- 71 Tool Boxes
- 227 Solar Lamps
- 227 Latrines
Challenges

- Continuous movement of the ITSs
- Cost of moving tanks and latrines
- Location and land nature of the ITSs
- Continuous Changing in population size.
- Sharing of facilities and families friction.
- Sustainability of the benefits.
Success
Success
Recommendations

- Number of Water Tanks should be according to the most updated population number.
- Increase number of distributed Latrines.
- Take Gender consideration through distribution of latrines.
- Connect latrines with water source for cleaning like water tap or water spray.
- Distribute 1m$^3$ water tank in addition of 2m$^3$ for some cases.
Recommendations

- **HH private Latrine with shower space will be a good solution rather than communal one due to Culture, and security aspects.**
THANK YOU!