

# WASH Intervention In Makani +



**ACTED**

INTER**S**





# 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 +

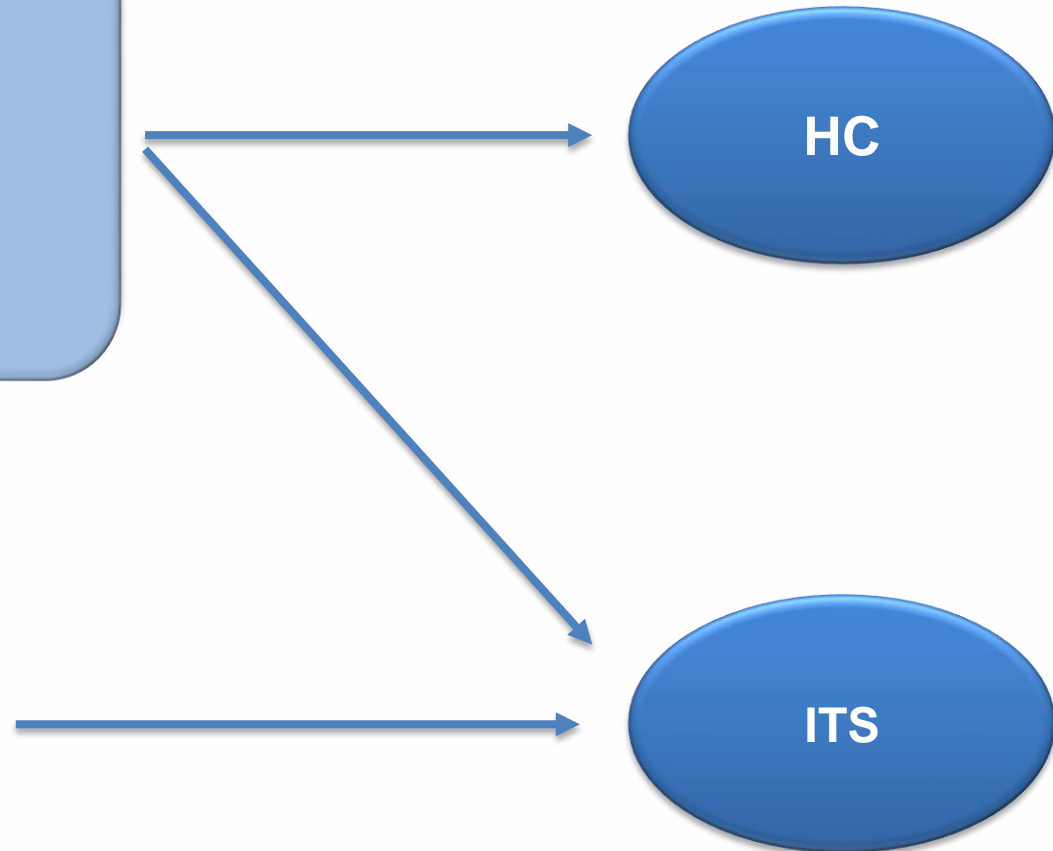
- Informal Education
- Child Protection / Psycho-social Support
- Life Skills
- Outreach / Awareness



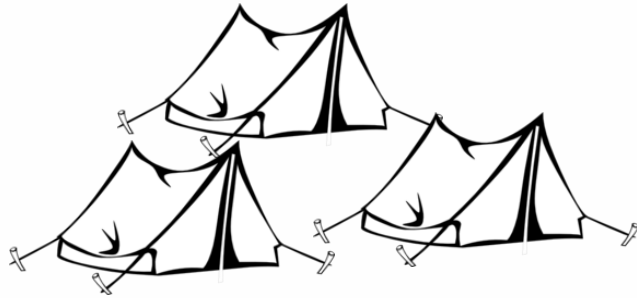
WASH Intervention

HC

ITS

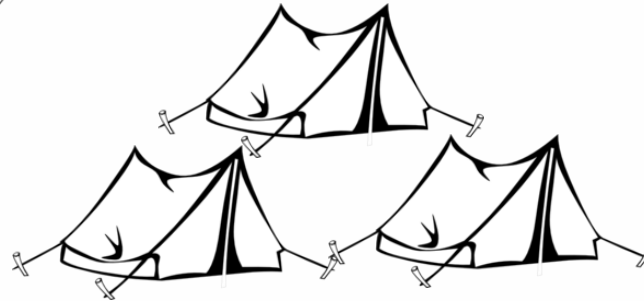


# Where is Makani +



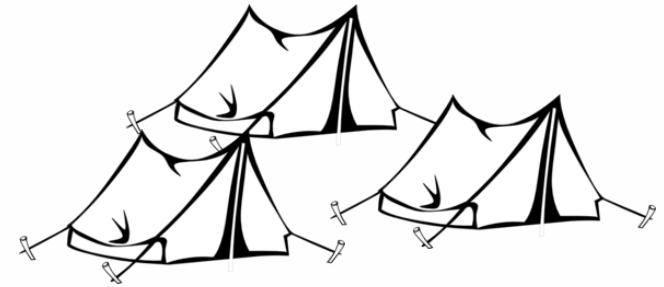
31 ITSs in

Irbid



10 ITSs in

Karak & Ma'an



30 ITSs in

Ma'raq



## 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 m<sup>3</sup> 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 x 1m (base) x 2m (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 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.*

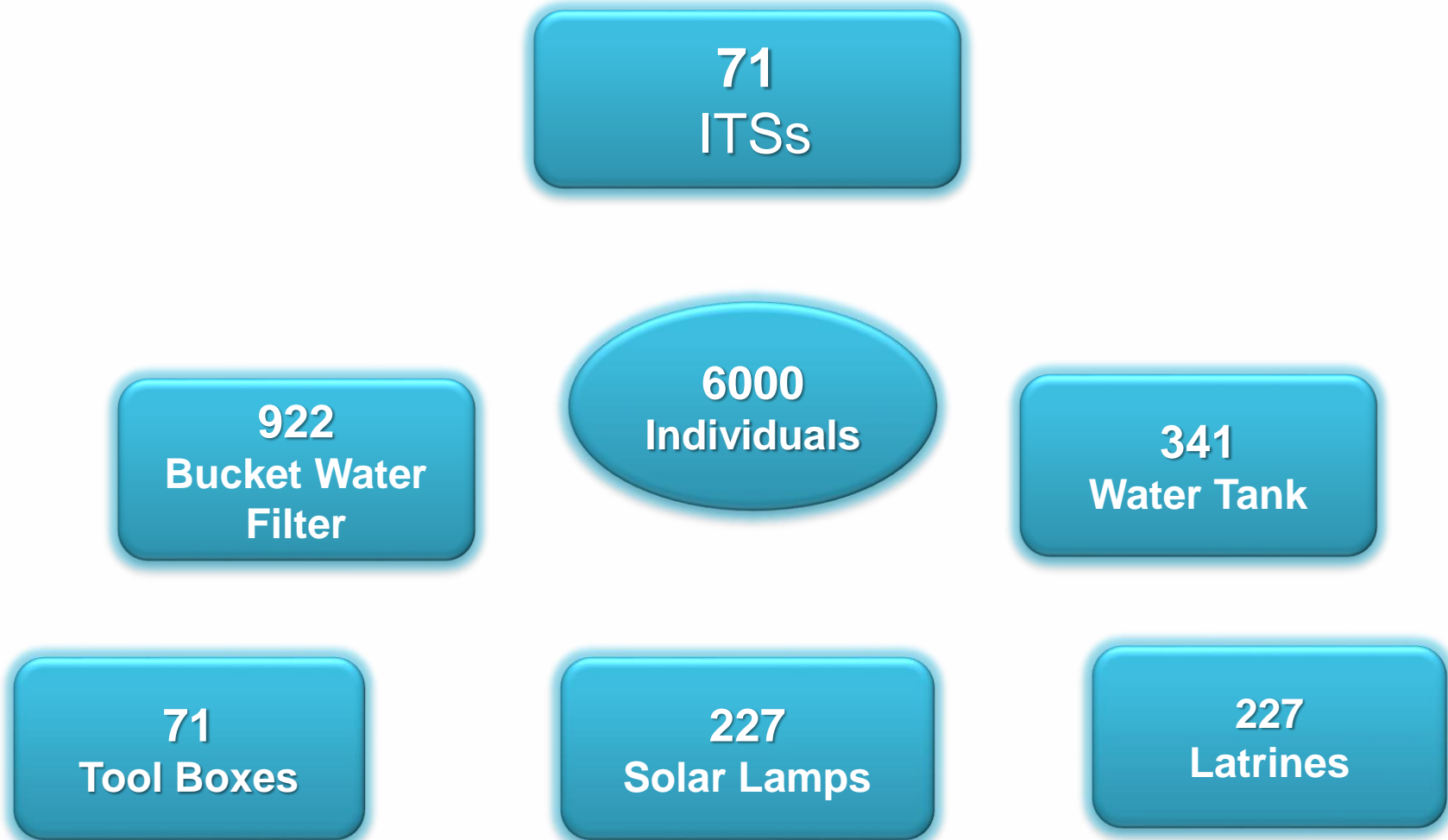
# Bucket Water Filter



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



# WASH Intervention - Numbers





# 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  $1\text{m}^3$  water tank in addition of  $2\text{m}^3$  for some cases.*

A stylized globe graphic in the top-left corner, showing the outlines of continents in a light blue color against a darker blue background.

## Recommendations

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



**THANK YOU!**