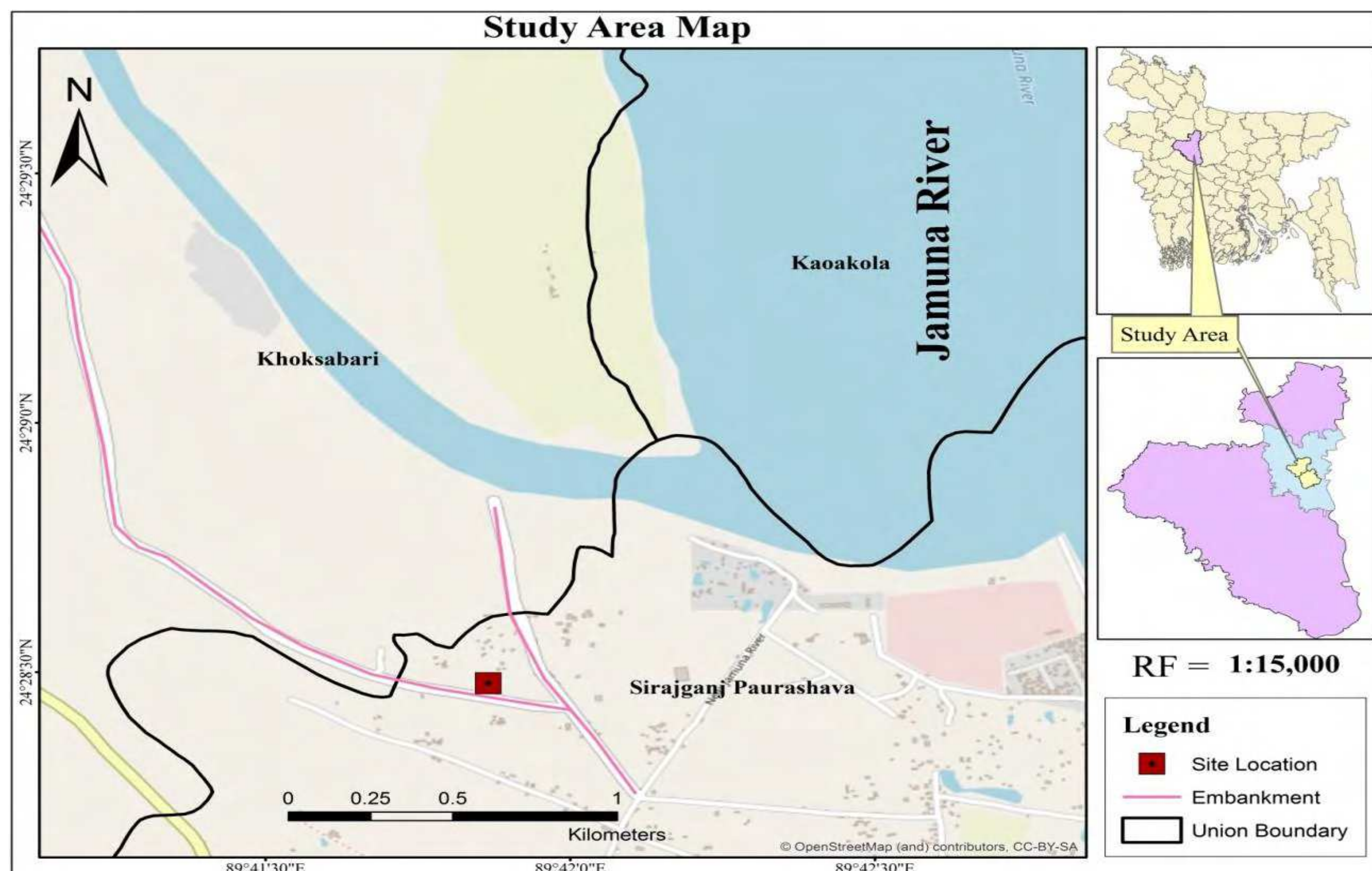




# Flood Proofing Sanitation

The importance of Community Consultation

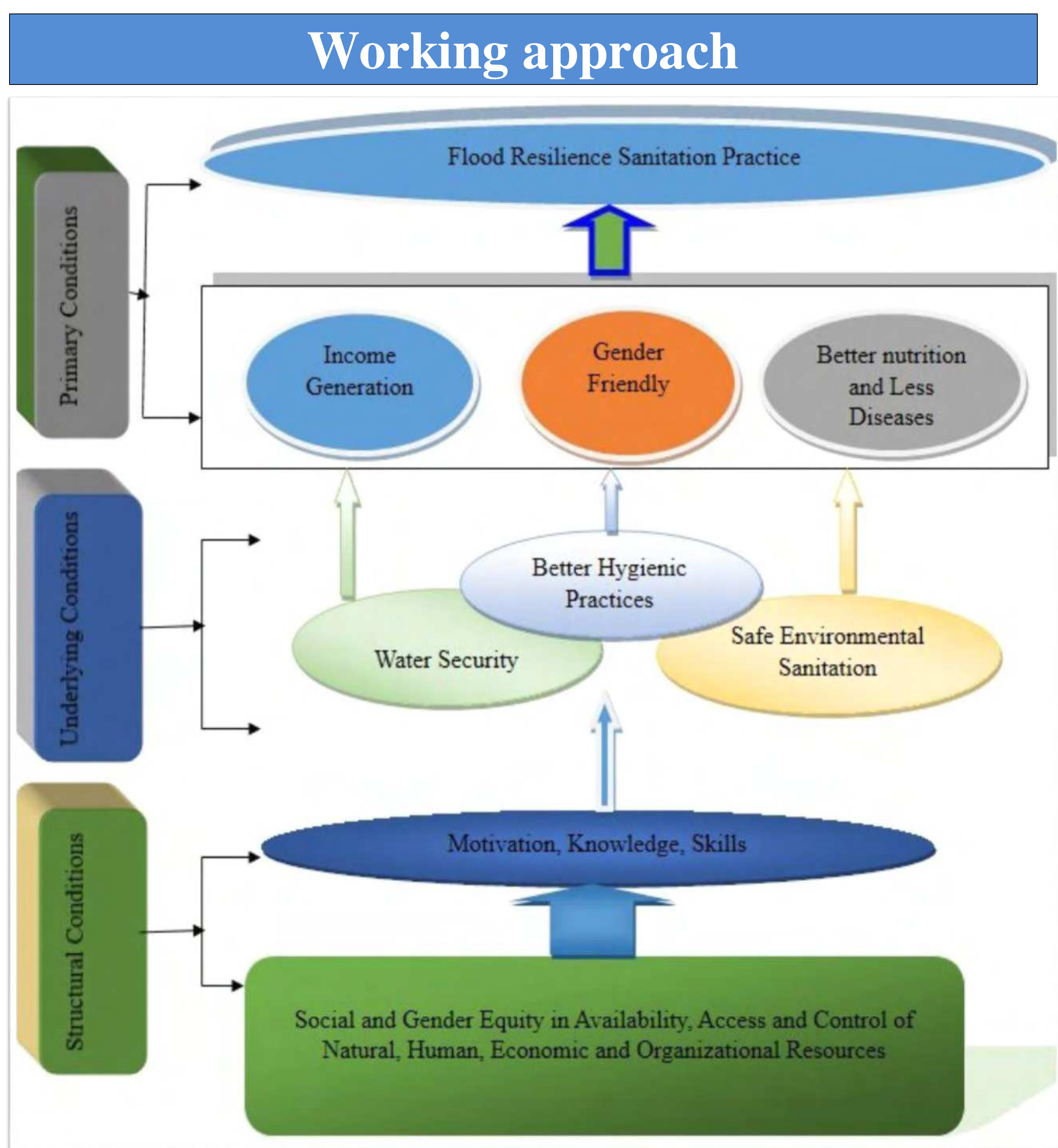
Ashik Iqbal, A. K. Azad, Md.Tashfik Ahmed, Saskia van Otterloo



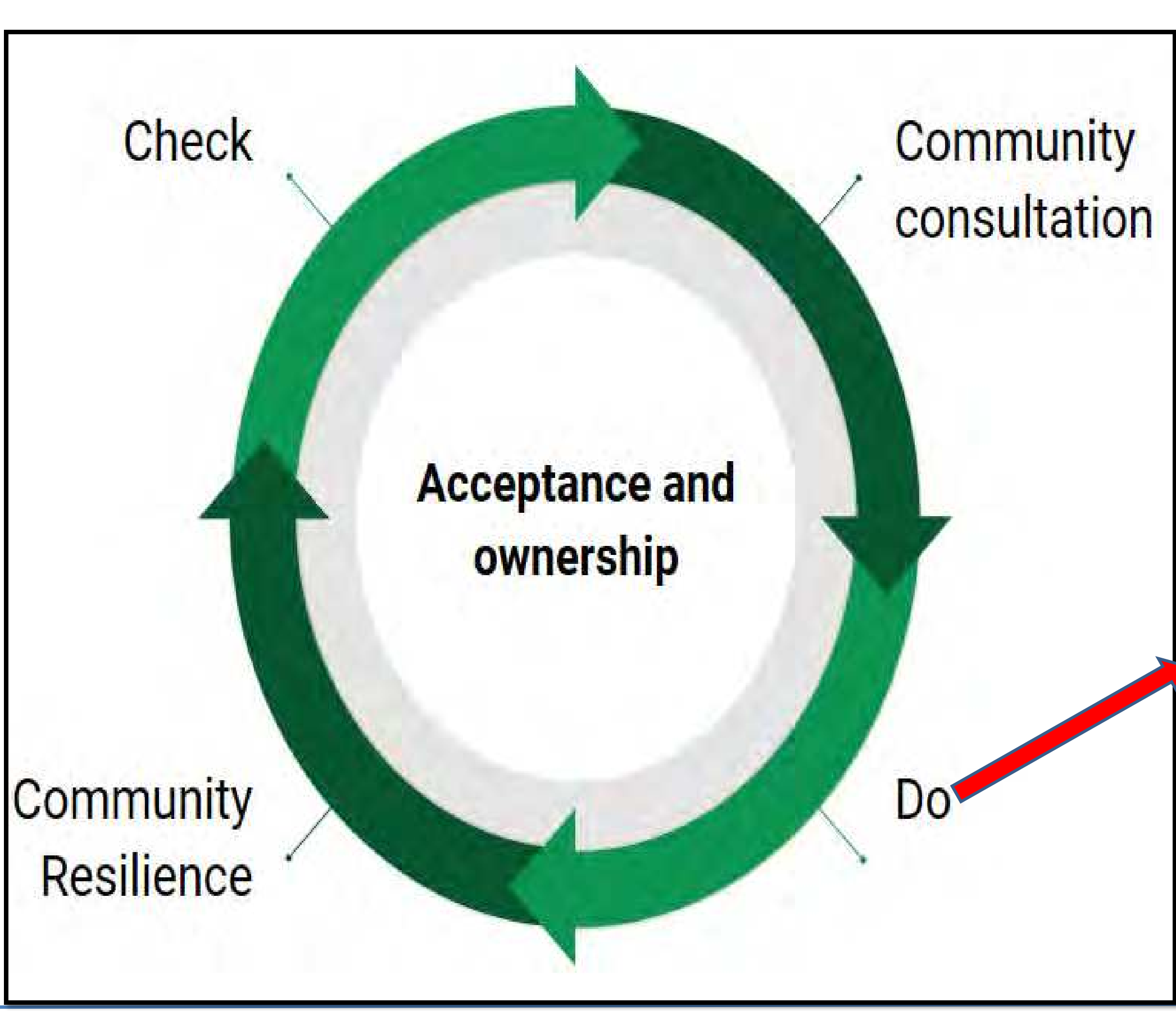
## CURRENT SITUATION

A flood proof amphibious sanitation unit had been build by Urban Wetlands in collaboration with CORE Bangladesh in peri-urban area of Sirajganj, Bangladesh where flooding is a yearly event. The challenges of functioning the unit properly encompass **social, technical and economic** factors.

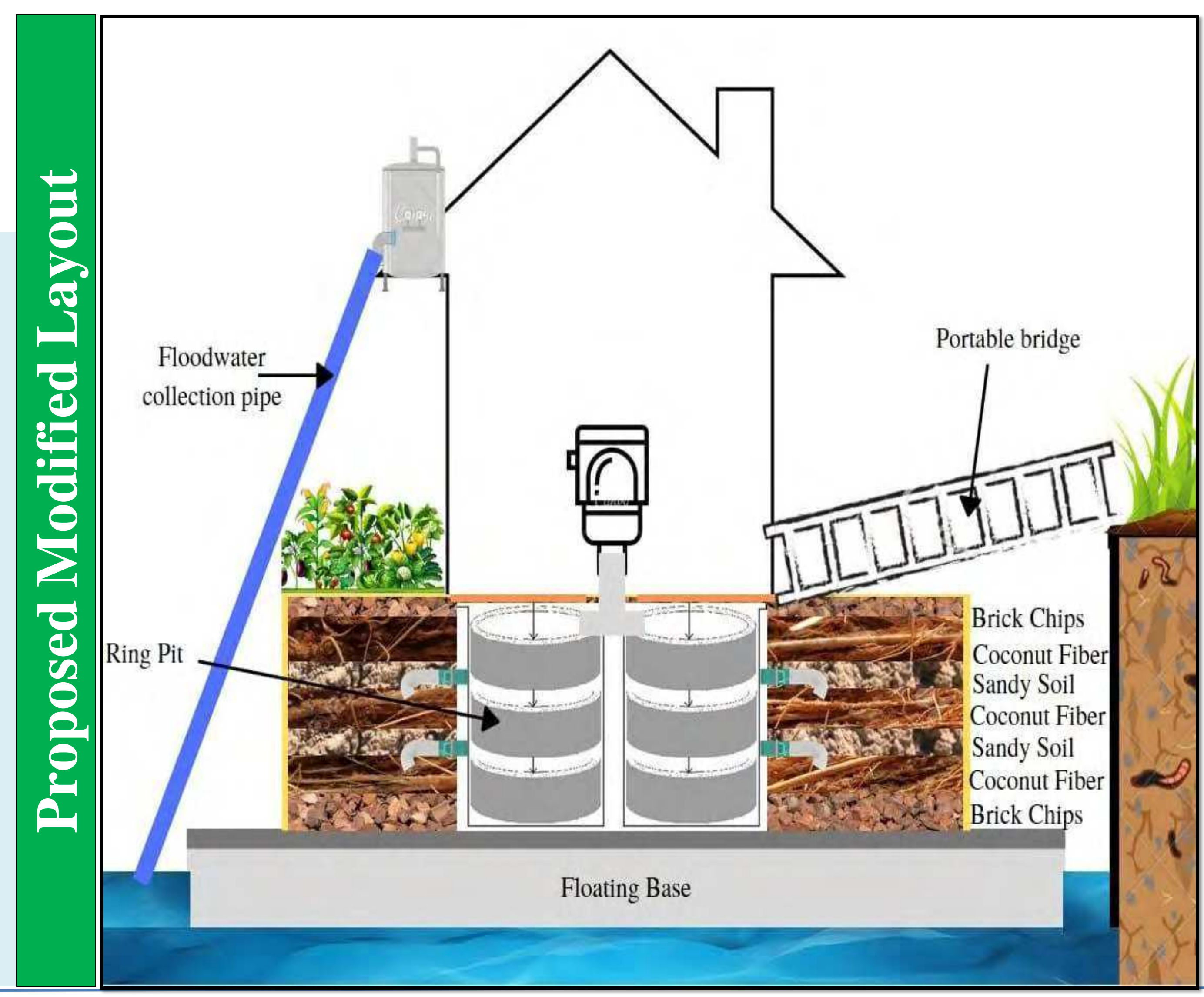
Having 80% of floodplain area Bangladesh has nearly 172 million inhabitants, of these people 85 million people lack access to improved sanitation. (www.water.org)



- Existing Condition**
- Access
  - Ownership
  - Cost
  - Maintenance: filtration and pump system
  - Gender friendly
  - Knowledge of water borne disease



- Solutions**
- Portable bamboo bridge
  - Alternative to septic tank: Plastic to local ring pit
  - Reinstallation of coconut fiber: once in 3 years
  - Vegetation cultivation along with Vetiver



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