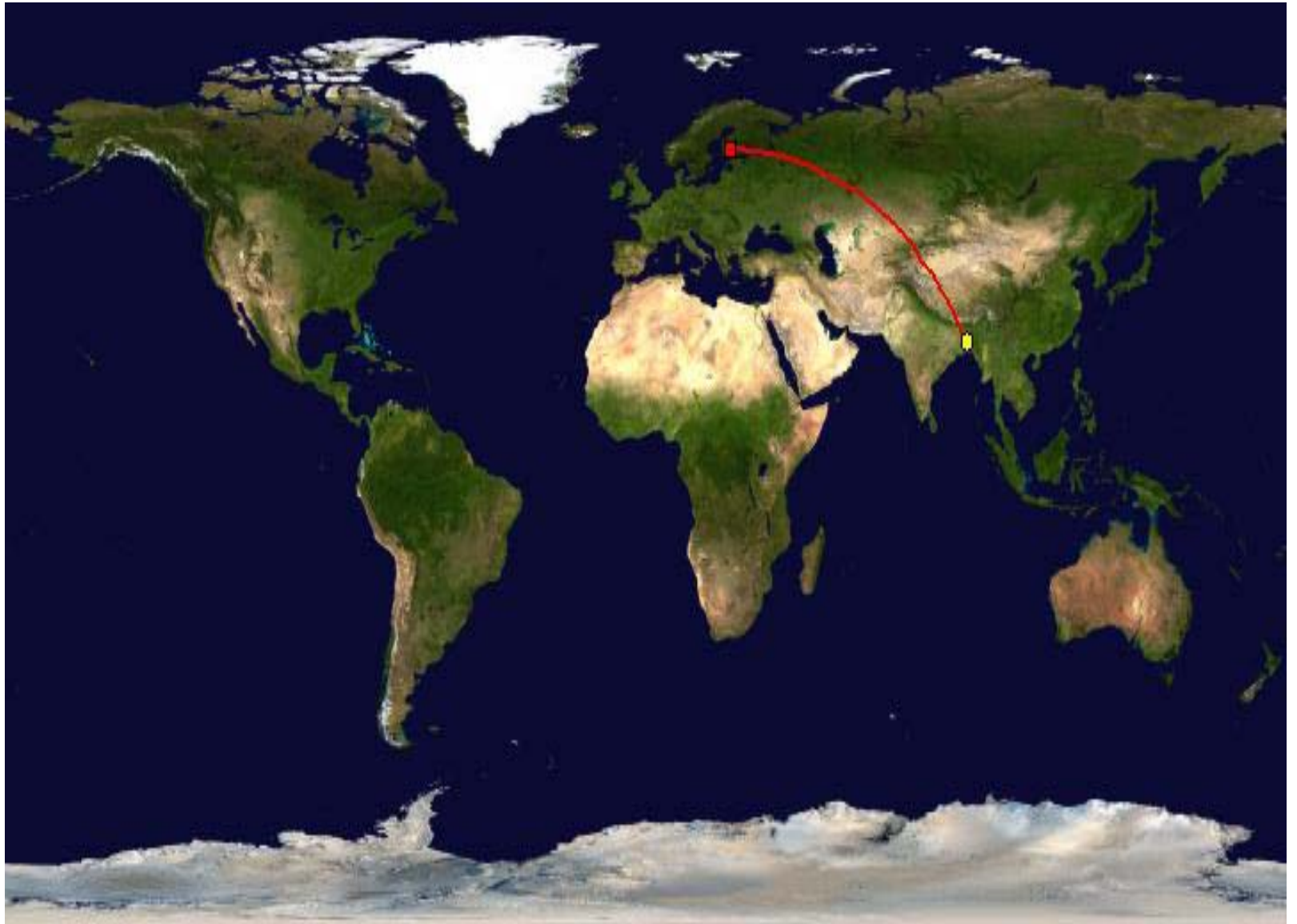


**Promotion of Dry Toilets for Reducing Vulnerability for  
the Poor Women Having Islamic and Cultural Values in  
Urban Slums of Bangladesh**

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# Presentation Topics

- **Study Rational**
- **Concept of Dry Toilet Promotion especially in Urban Slum Areas.**
- **Promotion of Dry Toilet ( Hard ware issues)**
- **Promotion of Dry Toilet ( Soft ware issues)**
- **Knowledge/perception of Slum dwellers**
- **The Way Forward**
- **Conclusion**

# Study Rational

- Bangladesh as a developing country faces a great challenge in human waste management and disposal especially in urban slums located in major six cities.
- The average population density in slum is 205,415 per square kilometer and in contrast in the city area is 23,378 (Slums of Urban Bangladesh, 2005).
- High population density influences as a negative factor for the urban slum households in installing latrines that requires using much water. Furthermore, there is a scarcity of water in the urban slums.
- So, promotion of dry toilet has many advantages in terms of reducing water use during anal cleaning and special periods of women. Microcredit support was also made available for poor women dwellers of the slums for purchasing toilet papers, low-cost sanitary pads etc.
- The study aims at looking into the views of different actors and how to integrate dry toilets in water scarce areas to reduce the use of water without affecting the religious and cultural values.

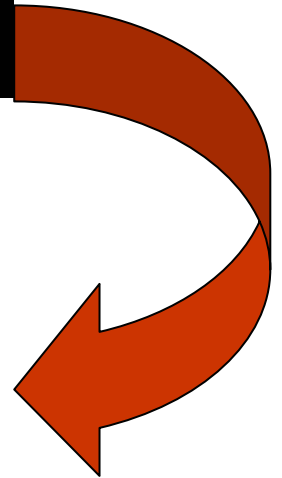
# Concept of Dry Toilet Promotion especially in the slum areas

- *It was designed mainly to test whether dry toilet issues could be promoted in slums where water is scarce and more importantly where slum dwellers mostly follow Islamic values and culture inherited from their ancestors.*
- *It focused how to act to change the culture of wet toilet to dry toilet promotion and what approaches needed to be followed for behavioural change to meet the social challenges faced by the slum poor, especially women.*

# Dry Toilet Promotion:

**Hardware Issues**

**Software Issues**



## Promotion of Dry Toilet ( Hard ware issues)

*Hardware issues are not considered in this study as the main issue of motivation, as it will not provide true aspirations.*

*To have a rolling impact initially the tissue papers were fully subsidized for the vulnerable group. Microcredit supports were also made available.*

# Software Issues:

**Substantial skills are required to find out the true aspirations and priorities of the house hold members.**

- Discussion with the user's households on water scarcity problems.**
- Islamic and cultural issues that permits use of dry toilet in water scarce areas and economic benefit.**
- The catalytic role of health workers and religious leaders in promoting the concept.**

# Knowledge and Perception of Slum Dwellers

## Use of toilet tissue paper in different cleansing time

<b>Sl.No.</b>	<b>Key Points</b>	<b>Expected Change</b>	<b>Actual Change</b>
<b>1.</b>	<b>Use of toilet tissue paper by all household members in anal cleaning</b>	<b>100%</b>	<b>73%</b>
<b>2.</b>	<b>Use of toilet tissue paper by female household members in anal cleaning</b>	<b>100%</b>	<b>79%</b>
<b>3.</b>	<b>Use of toilet tissue paper by male household members in anal cleaning</b>	<b>100%</b>	<b>76 %</b>
<b>4.</b>	<b>Use of toilet tissue paper in cleaning the bottom of the children</b>	<b>100%</b>	<b>65%</b>
<b>5.</b>	<b>Use of toilet tissue paper by house wife/adolescent girls in special period.</b>	<b>100%</b>	<b>58 %</b>

# Important aspects

**The results no doubt have given remarkable and immensely important study findings as an input for the dry toilet promoters and for other stakeholders too, especially where water is scarce. The study findings show that 50% water use is reduced in each anal cleansing and interestingly the use of toilet tissue papers speeded up for its ease use vis-à-vis finishing the cleansing formalities in such a way that lead to custom and culture of Islam.**

# The Way Forward

- **Religious priests should act as a catalytic pressure group to promote this concept.**
- **Microcredit support should also be provided for those who wanted to get the tissue papers and low cost sanitary pad.**
- **Especially designed social mobilization should be as one of the main strategies to reduce vulnerability of poor women living in the urban slums where water is scarce.**

# Conclusion

**Based on the observation and experience, it is found that one-size-fits-all approach is not appropriate for the dry toilets exactly what it meant, particularly for the region where religion and culture stands as a barrier.**

**DRY TOILET 2009 should develop modalities to promote dry toilet issues for the developing countries where water is scarce as well as Islamic and Cultural values are prominent.**



*Thank You!*