

Mobile data collection for urban profiling of refugee situations

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Paris, May 17, 2013

What is JIPS?

- Humanitarian service established in 2009 to advocate for and support the preparation, implementation and analysis phases of collaborative profiling exercises of IDP situations.
- Interagency nature: DRC, NRC, IDMC, IOM, UNHCR, OCHA, UNFPA and Special Rapporteur for the Human Rights of IDPs
- Range of services:
 - ✓ Field support
 - ✓ Training & capacity building
 - ✓ Methodology & tool development
 - ✓ Advocacy



Developing and piloting urban profiling methods

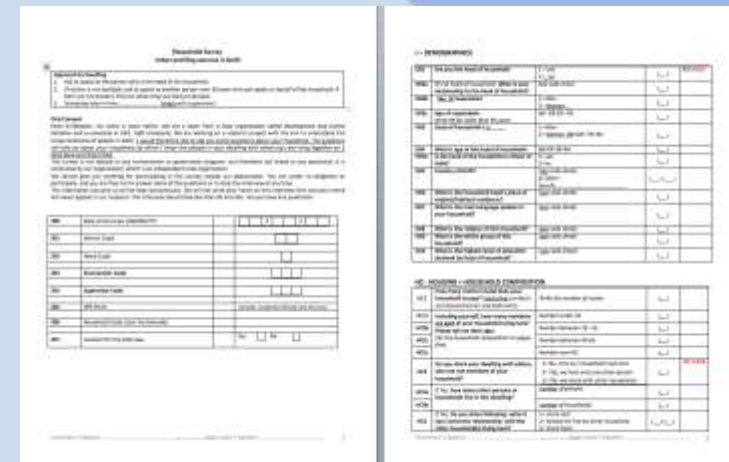
- According to UNHCR estimates, nearly half of the world's refugees now reside in urban areas. For aid agencies, there is a need:
 - ✓ *to understand whether refugees and other populations forcibly displaced are worse off than the urban poor and other migrants amongst whom they live*
 - ✓ *to face the limitation in registering urban refugees, which may result in them missing out on assistance.*
 - ✓ *To engage with host government in promoting the rights of refugees and other displaced populations.*

The project

- JIPS/UNHCR/Tufts University profiling study of urban refugees in Delhi:
 - ✓ Quantitative and qualitative data collection methods
 - ✓ Sample-based household survey (N = 1.200)
 - ✓ Detailed questionnaire to collect household and individual level data (socio-economic characteristics, migration patterns, social and economic integration, etc.)

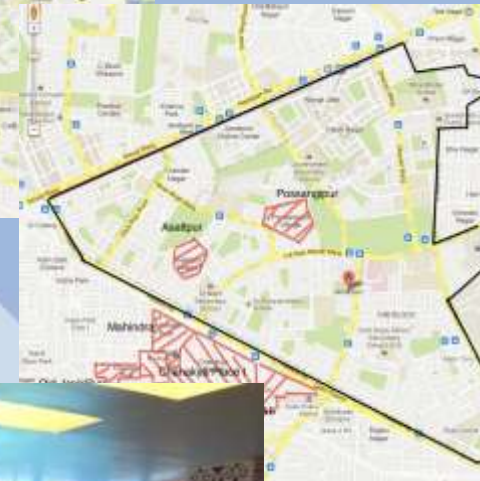
Why mobile data collection? context

appropriate in terms of capacities/skills of enumerators, security conditions, time saving (data entry) and higher data quality.



Data collection process

- Building-up a working group
- Defining the specific objectives of the profiling
- Identifying and mapping target group localities
- Design of a sampling strategy
- Develop the household questionnaire
- **SET-UP MDC PLATFORM**
- Recruitment of enumerators and supervisors
- Training and pilot
- Data collection
- Cleaning and data analysis



Android/ODK

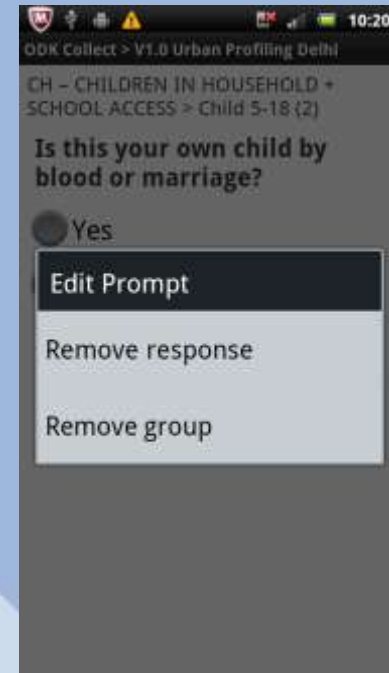
Technical support from **CartONG** in:

- Deciding on MDC solution: **ODK tools**
 - Open Source, tested in similar contexts, can link to other applications
- Selection and procurement of material:
 - Phones vs tablets?, Laptop and router, Power supplies, Pelican case
- Training of JIPS team: Survey manager and IMO (transfer of skills)
- Configuring phones, laptop and server
- Coding the-very long/complex- questionnaires (xml files) and **TESTING**
- Getting the equipment in country
- Training of enumerators and piloting (incl. **PRACTICAL SESSIONS**)
- Launching the data collection process



Experience with ODK

- Use of Mobile Phone is source of enthusiasm and motivation for enumerators
- Acceptance from the respondents is good / non related to high refusal rates (in Delhi)
- Use of mobiles in Delhi did not raise security issues
- Good complementarity between MDC/paper
- Improved quality control and data consistency are improved
- Data collection require a high level of organization/coordination
- Experience is easily/quickly replicable



Challenges

- Capturing GPS coordinates in highly densely populated areas/Narrow streets
- Require an external technical support (coding, server set up, etc.)
- Difficult to find enumerators with both good skills in using mobiles and socio-economic studies
- Respondents' acceptance can be negative in protection-sensitive contexts (Quito)

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