CartONG and NOMAD

CartONG’s role in establishing the NOMAD services
Who are We?

- French NGO: CartONG is a Non profit Organisation “Loi 1901” registered Nº 490 816 345 00014
- Cart for Cartes/Cartography, e.g. maps; **ONG** for NGO
- Founded in June 2006
- Staff varies according to number and scope of projects; CartONG also has a set of volunteers working on Outreach projects. (Salon Humanitaire, Marche des continents, GeONG etc)
CartONG Headquarter

180, rue du Génevois
73000 Chambéry
FRANCE

45° 35.333' N; 5° 55.388' E
DMS 45°35'19.95" N, 5°55'23.28" E
RELEVANT EXPERIENCE

- Since 2009 conducting mobile data collection with Android smart phones for **UNHCR** and preparing/demonstrating tools for **Outreach** activities (FIG St Die, Google pilots)

- **Sector/Topics**: Health and Nutrition, Displaced Persons (Registration), Infrastructure (Village profile), Quiz, Monitoring

- **Countries**: Kenya, DRC, Bangladesh, Dominican Republic, **upcoming**: Rwanda, Ethiopia, Jordan
## CARTONG TOR’S

<table>
<thead>
<tr>
<th>Actor</th>
<th>Task</th>
<th>Deliverable</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>CartONG Manager</td>
<td>Project kick-off meeting</td>
<td>D1.1.</td>
<td>Completed</td>
</tr>
<tr>
<td></td>
<td>Develop conference presentation material</td>
<td>D5.1.</td>
<td>Completed</td>
</tr>
<tr>
<td></td>
<td>Develop project website</td>
<td>D5.2.</td>
<td>Completed</td>
</tr>
<tr>
<td></td>
<td>Analyse broader humanitarian market and demand</td>
<td>D5.3.</td>
<td>Completed</td>
</tr>
<tr>
<td></td>
<td>Define use case scenarios</td>
<td>D5.4.</td>
<td>Completed</td>
</tr>
<tr>
<td></td>
<td>Data collection and transmission decision tree</td>
<td>D5.8.</td>
<td>Completed</td>
</tr>
<tr>
<td></td>
<td>Pilot review meeting (Geneva)</td>
<td>D1.2.</td>
<td>Completed</td>
</tr>
<tr>
<td></td>
<td>NOMAD launch meeting (Geneva)</td>
<td>D1.3.</td>
<td>Ongoing</td>
</tr>
<tr>
<td>CartONG Developer</td>
<td>Develop project website</td>
<td>D5.2.</td>
<td>Completed</td>
</tr>
<tr>
<td>CartONG IT Specialist</td>
<td>OM Pilot</td>
<td>D4.3.</td>
<td>Completed</td>
</tr>
<tr>
<td></td>
<td>Data collection and transmission decision tree</td>
<td>D5.8.</td>
<td>Completed</td>
</tr>
</tbody>
</table>

- 2010
- 2010
- 2010
- 2010/2011
- 2010/2011
- 2011/2012
- 2011
- 2010
- 2011/2012
COMPLETED

- Design of Logo and project webpage
  www.humanitarian-nomad.org
- Design of presentation material
- Analyse broader Humanitarian market and demand
COMPLETED

- Define use case scenarios
- Data collection and transmission decision tree
- IOM Pilot
RESULTS

Reports:
- NOMAD Use Case Study
- NOMAD MDC research report
- NOMAD IOM Pilot 2011 report

"...the majority of respondents are using paper forms for data collection, yet it is worth mentioning that the data of more than 70% of the paper form surveys is then entered in electronic format. Most of the respondents (69%) record into a local database (Excel or Access); while 18% insert it into an online database."
Develop Service Costing Package

- Costs of Customer support (training, instructions, hosting of application)
- Costs of Implementing visualisation/Mapping tool
- Costs of Data collection form creation as well as server, web client and Android application deployment
- Costs of Satellite communication/GSM communication
PARAMETERS TO BE CONSIDERED:

- Type of data collection tool (hardware and software)
- Type of communication tool (hardware and provider)
- Type of Backend/Visualisation tool (server, database, user interface and their formats)
- In-house capacity of the organisation conducting the survey (IT staff, GIS staff, database staff)
- Country
Organisations have different needs and level of in-house technical skills (IT, survey design, enumerators)

Survey length and design can vary and estimates have to be based on averages (e.g. One page on paper, 2hrs coding)

Communication costs vary greatly with country and sat or mobile provider

Some countries impose special rules and regulations for smart phones & sat phones/GPS

Interconnectivity between the components
THANK YOU FOR YOUR ATTENTION!