“Good enough” in an emergency context
- Sharing experiences from the field -

Roxana NAZARIE | CartONG
Database Officer & Cartographer
Good enough = Operational + Structured
1. What do I want to **achieve**?

2. What **products** do I need?

3. What **data** do I need?
3. What data do I need?

X
Coordination challenges

Communication

Data structuration
Camp 20 – open a mobile clinic
PROPOSAL TO OPENING MOBILE CLINIC IN THE CAMP 20

Introduction:
As we know, a lot of people are relocated in the camp 20, 17 and 19, so these camps grow up everyday and there isn’t too much access to health facilities.

Objectives:
- Provide quality care respecting protocols/MSF for a population not having access to care
- Ensure referral in different health facilities
- Provide a quick response in case of possible outbreak

Assessment:

Camp 20:
- In total, there are only 2 health facilities operational in camp 20:
  - 1 OPD = RTMI
  - 1 OTF = force des hommes
- 3 health facilities are under construction:
  - FLII (M33)
  - Global one (M34)
  - Save the children (between M30 and M28)
  - All of them are in a north
- In the south, blocks M23, M25, M26, M27, M28, M31 haven’t health facility even under construction (only TDH in M31 but it is a nutritional health facility)

Camp 19:
- Blocks E5, E6, E5, E1, E2 (west of the camp) there isn’t health facility yet
- 1 health post from friendship is under construction between the blocks E3 and E1

Camp 17:
- There are also few health facilities especially in the north and west of the camp.
  - 5 OPDs:
    - relief international (1 in the north east, between block H94 and H102, 1 in the south east, block H68)
    - Save the children (both in the south east, 1 in the block H78, the 2nd in the block H73)
    - RTMI (south east, block H70)
- There isn’t health facility in north and west
Amsterdam
Paris
Geneva

Ukhia

Cox’s Bazar

HQ

COORDINATION

collect
update
delete

create new data
select

QA/QC

filter

view

measurements

operational layers

see coordinates
context layers

navigate

export

see coordinates

context layers

operational layers

coordination

15/11/2018
Desktop GIS

Web GeoApp

External Data sources

Mobile Data Collection

Vs.
Your analysis is only as good as your data!
Humanitarian Data Scientist

Data Management
- Represent and refine data
- Data visualization
- Data collection
- Data system management
- Research methodologies
- Report design
- Curiosity
- Ability to translate technology

Programming/Databases
- Scripting languages like Python, Java
- Filter & Mine Data
- Machine Learning
- Database SQL & NoSQL
- Hadoop, HBase, Pig

Statistics
- Probability
- Algorithms
- Mathematics
- Statistics for programming like R
- Data Analysis

Humanitarian Business
- Inter-cluster coordination
- Needs Assessment
- Humanitarianresponse planning
- Appeal, Prep & ISupport
- CERF: Request preparation
- Financial Tracking of Humanitarian Aid
- Donor relations
- Advocacy (e.g. humanitarian principles)
- Access monitoring & negotiations

Information Management
- GIS & mapping
- Survey methodology
- Infographics & visualisation
- Web development
- Convene & coordinating Network

Inter Disciplinary
- Meeting facilitation
- Training
- Staff management
- Office management
Good enough = Operational + Structured