- SDG’s cover broad indicators best compared on a (inter)national level.
- In (post-) crisis cities, more fine-grained data is required to guide humanitarian interventions and reconstruction to:
  - direct short and medium-term interventions
  - direct interventions on a neighborhood level
  - coordinate interventions among different stakeholders.
NON-FUNCTIONAL MUNICIPAL STRUCTURES CREATE AN INFORMATION GAP
RECONSTRUCTION HAPPENS LATE AND ON AN AD-HOC BASIS
LACK OF ADEQUATE HOUSING OPTIONS

Informal settlements

Housing damage

Land Speculation
COORDINATION MECHANISMS FOCUS MAINLY ON HUMANITARIAN RESPONSE.
RETURN OF IDP’s DEPENDS ON THE MULTI-SECTORAL RECOVERY OF AN AREA
URBAN PROFILING
Urban Profiling for....

**RECONSTRUCTION**

**RECOVERY**

**RESILIENCE & DEVELOPMENT**

**Damage assessment**
- Housing
- Water infrastructure
- Roads infrastructure
- Educational and health infrastructure
- Bridges
- Electricity infrastructure
- Cultural heritage

**Services assessment**
- Access to housing
- Access to water
- Access to electricity
- Access to health services
- Access to educational services
- Livelihoods & income
- Returns and barriers to returns

**Development perspectives**
- Opportunities for reconstruction planning
- Opportunities for housing delivery
- Opportunities for delivering sustainable growth
- Opportunities to Build Back Better
- Opportunities for economic development
Pre-humanitarian operations:
overview of front lines in Aleppo City in February 2015
Reconstruction: damage assessment in Mosul Old City, Iraq
Reconstruction: damage assessment in Ramadi, Iraq
Reconstruction: destroyed heritage and religious sites in Mosul Old City, Iraq
Reconstruction / recovery: damage assessment in Sirte, Libya
Reconstruction / recovery overview of water services, electricity, health services, education, road and sewage, waste management.
Conditions of the health sector in east Mosul (left bank) have improved significantly, and most of the hospitals and health centers are now operating. A large number of private pharmacies and clinics have reopened, and ambulance services are available. The majority (74%) of health centers on the left bank are functional, and a number (13) of these are planned for rehabilitation.

The health conditions in west Mosul (right bank) have continued to deteriorate during the airstrikes. In addition, movement is still limited, due to lack of transport and fear of IED fighters. The majority of health centers are not yet operational, due to damages, lack of medicines and medical equipment or because of ongoing clashes in the area. Operation of health facilities is further complicated by the lack of electricity and damaged infrastructure, hindering accessibility.

The dashboard was developed with input from WHO, UNICEF local informants, and satellite imagery.

For inquiries please contact info@unhabitat.org

**DAMAGED AL-SALAM HOSPITAL (EAST MOSUL)**

**FUNCTIONALITY HEALTH CENTRES IN MOSUL**

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Functional or partly functional</th>
<th>% functional or partly functional</th>
<th>Not functional or no information</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health center</td>
<td>East</td>
<td>14</td>
<td>74%</td>
<td>5</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>West</td>
<td>6</td>
<td>38%</td>
<td>10</td>
<td>16</td>
</tr>
<tr>
<td>Hospital</td>
<td>East</td>
<td>6</td>
<td>60%</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>West</td>
<td>4</td>
<td>44%</td>
<td>5</td>
<td>9</td>
</tr>
</tbody>
</table>

**HEALTH CENTRES**

- Hospitals: 53% of hospitals functional in all of Mosul
- Health centers: 57% of health centers functional in all of Mosul

**SAMPLE IDENTIFICATION OF DAMAGED HEALTH CENTRES**

- Mosul Al Jaleed Health Centre
- Bab Al-Earth Health Centre: Low accessibility due to damage to surrounding infrastructure.

**HEALTH CENTRES**

- Functionality centres, and centers planned for rehabilitation
- Health Centre (not functional/insufficient information)
- Health Centre (Functional)
- Planned for rehabilitation
Recovery: priority interventions in Al-Hasakah, Syria

Priority Interventions

A
- Supporting owners/tenants to repair/rehabilitate their houses.
- Supporting rehabilitation of the urban infrastructure (Schools and Health facilities).
- Supporting solid waste management and vector control and Hygiene promotion.
- Micro level assessments aimed at supporting local economy and livelihood.

B
- Health center rehabilitation and restoring the educational functions of schools.
- Supporting solid waste collection, vector control and hygiene promotion.
- Micro level assessments aimed at supporting local economy.

C
- Supporting small adjacent farms with tools, seeds, manure, pesticides and marketing would enhance food security, create more job opportunities and strengthen linkages between the city and its surrounding cities, creating a more stable region.

D
- Activities aimed at supporting social cohesion, mutual dialog and joint communal initiatives between different community groups within the city, especially among the youths.
- Micro level assessments aimed at formulating solutions for revitalizing the local economy and supporting early recovery and livelihood.
Recovery: Government and Administration buildings in Mosul, Iraq
Recovery: Returns and IDPs per neighborhood, Al Hasakah
Resilience & Development: development potentials in Mosul

1. OLD CITY page 19
   Comprehensive reconstruction plan
   Area with highest damage density
   Requires study of cultural heritage and historical urban fabric.

2. NORTH MOSUL page 21
   Study extension / legalisation plan
   Largely consists of illegal settlements
   Could deliver large amount of residential land

3. AL SINA’IYA
   Industrial relocation study
   Industrial area mostly on public land.
   Large amount of damage to facilities.

4. GHIZLANE AREA
   Urban extension plan
   Former military area
   Largest potential development area

5. RIVERFRONT
   Urban development plan
   Left empty historically as flooding area
   High potential for tourism and public space

6. AL JADEDA COMMERCIAL
   Brownfield development study
   Large commercial / industrial / logistics area next to Mosul Old City.
   Study integration to Old City
Resilience & Development: reconstruction potentials in Mosul Old City
Urban Profiling for cities in crisis in:

**Iraq**
Mosul – A city under siege

**Syria**
Aleppo – City Profile & update
Homs – Multi-Sectoral Response Strategy
Al Hasakah – City Profile

**Libya**
Sirte – Rapid City Profiling and Monitoring System – A Symbol of Unity and Knowledge
Benghazi – Rapid City Profile
Improving Urban Profiling by....

Develop a framework and indicators to assess Resilience, Recovery and Development in selected cities.

Tailor the city profiles to the specific need and level of possible intervention in each city.

Update the profiles to reflect the fast-changing context.
URBAN PROFILING FOR CITIES IN CRISIS
5 July 2018, Cairo

Ivan Thung
Programme Manager Reconstruction, Recovery and Resilience Platform
Challenge ....

- Estimate populations and returns through remote sensing.
- Estimate economic activity through remote sensing.
- Estimating returns through remote sensing.