Session 4
Pre-disaster context and baseline data
Session Objectives

- Understand why pre disaster context analysis and baseline data are important in the PDNA process;
- Understand how to conduct context analysis and collect baseline data;
- Identifying the affected population.
The PDNA Process

Baseline Analysis

Disaster Effect

Disaster Impact

Recovery Needs

Recovery Strategy

Pre-Disaster context-baseline of social, economic, cultural, financial, political status
As a reminder...

The assessment consists of a gap analysis in ALL affected sectors and areas...

BEFORE

Pre disaster context analysis and baseline data

AFTER

Effects of the event presented in post disaster data set

GAP

Compare pre-and post disaster scenarios

Disaggregate data by gender, age, ethnicity and geographical area.
Baseline data helps compare pre-disaster context to post disaster conditions.

Context Analysis and Baseline Data

Generic

Sector specific

Productive  Social  Infrastructure

Cross - Cutting
Pre-Disaster Baseline Data

Provides an understanding of the overall situation in which the affected population lived and worked before the disaster.

- Socio-economic, demographic data, poverty and education levels, food security.
- Geographic location of basic infrastructure, energy, potable water, including demand and service capacity.
- Issues related to governance, legal and institutional arrangements, development plans, land use planning.
- Risk profile associated with the hazard being analyzed.

Where possible, relevant data should be classified by gender, age, ethnicity or cultural/religious characteristics.
Sources of Information

• Census
• Household surveys
• Development Plans
• Report from the Planning Office and Relevant Ministries
• Human Development Reports
• Economic and Financial Reports
• Annual Reports from Utilities and Enterprises
• Sustainable Development Goals (SDGs) Reports.

Where possible, relevant data should be disaggregated by gender, age, ethnicity or cultural/religious characteristics
Housing Sector: Pre-disaster Context and Baseline

• Determine whether in the affected area there is
  o Deficit or surplus of housing
  o Any unoccupied housing units

• Develop typology of existing housing units, by
  o Geography - coastal/inland/hilly; rural/urban
  o Size
  o Type of construction material used, structural system
  o Ownership of housing (private or public)
  o Rental houses

• Understand Type of Land Tenure
  o Private/ Community ownership
  o Informal/ Squatter
  o Rental

• Assess the monthly value of
  o rentals, and
  o payment on mortgages
# Housing Sector: Required Information

<table>
<thead>
<tr>
<th>Information</th>
<th>Sources</th>
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<tbody>
<tr>
<td>Housing census or survey</td>
<td>Statistical Office</td>
</tr>
<tr>
<td>Household surveys</td>
<td>Ministry of Construction</td>
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<tr>
<td>Construction costs</td>
<td>Ministry of Planning</td>
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<tr>
<td>Construction sector capacity</td>
<td>Builders Associations</td>
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<tr>
<td>Value of monthly rentals</td>
<td>Building contractors</td>
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<tr>
<td>Land tenure</td>
<td>Private banks</td>
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</tbody>
</table>

**Sources:**
- Statistical Office
- Ministry of Construction
- Ministry of Planning
- Builders Associations
- Building contractors
- Private banks
- Central Bank
The Affected Population

DIRECTLY

• People who died/were injured;
• People whose assets have been destroyed;
• People whose livelihoods / income have been affected.

INDIRECTLY

People who live outside the affected area but are experiencing indirect consequences of the disaster such as increased costs (ex. food, medicines, transport, etc.) and disruption of services.
Key Take - Away

- **Pre-disaster context is the basic reference** to be compared to the post-disaster situation and understand the disaster’s consequences.

- **Baseline data** is to be collected for each affected sector/area.

- **Sources** of information are various (national/international, public/private, direct/indirect collection of info, etc).

- **Population** can be directly or indirectly affected by the disaster.
Discussion

Questions?