Developing Local DRR strategies

Proposed Approach and Key Steps
What makes the fictional city of Drecca-Susdev resilient?

Fictional delta city of Drecca-Susdev - some elements of integrated risk governance
Resilience has to address the “system of systems” that makes up a city.

- City is made up of different systems
- These systems have multiple connections and interactions
  - Causal
  - Resources
  - Data
- Because each system will have different owners and stakeholders, resilience is a multi-organizational endeavor.
Moving towards becoming a disaster resilient city

Organizing and Preparing for Disaster Risk Reduction
*Raise awareness, plan the process, convene multi- and diverse stakeholders and relevant actors*

Disaster Risk & Resilience Assessment
*Conduct risk assessment, understand localized risks, identify vulnerabilities, assess gaps and possible actions to respond to disaster risks*

Development DRR Strategies and Action Plans
*Develop and prioritize possible interventions, identify responsible parties & time frame, establish M&E indicators, obtain political ratification, identify funding options*

DRR Monitoring, Evaluation and Follow up
*Monitor, evaluate and report of achievements, document lessons learned*

Implementation of DRR Strategies
*Mobilize resources, implement DRR actions, ensure ownership and participation*
Example: “Table of Contents” of the DRR Strategy

- Preface, including adoption decision
- Executive Summary
- Introduction Why and how are we doing this? (e.g. local context of why DRR strategy is needed, scope and structure of the strategy, linkage with the national DRR strategy, legal framework and process of development)
- Current situation and trends: challenges Where are we now? (e.g. results of risk assessment, quick risk estimation, scorecard assessment, etc.)
- Mission, vision and objectives Where do we want to be?
- Overview of action plan: rationale for proposed risk reduction measures What are we going to do to get there?
- Implementation Strategy How do we ensure we can get there?
- Monitoring, evaluation and reporting How do we monitor our progress and adapt to the actual situation?
# Example: Template for DRR Action Plan

<table>
<thead>
<tr>
<th>Strategic Area/Goal 1:</th>
<th>e.g. Strengthen disaster risk governance</th>
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<tr>
<th>#</th>
<th>OBJECTIVES</th>
<th>PLANNED ACTION(s)</th>
<th>INDICATORS (Specific, measurable, attainable, realistic)</th>
<th>TIMEFRAME (Timebound)</th>
<th>RESPONSIBILITY (+Support) AGENCIES (Assignable)</th>
<th>Budget</th>
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Cases Examples from Cities
Example of the use cases of the Scorecard for DRR planning

DRR strategy and plan formulation
Source: Lisbon’s Resilience Action Plan
Source: Lisbon’s Resilience Action Plan
PROJECTS

P.04 Resilient Platform

OBJECTIVE
Build and maintain a data and services platform to be able to serve not only organizations but also schools, research centers, and citizens with all the data and information necessary to prevent and to respond to many phenomena. The platform should be web-based to allow access from anywhere and everywhere (multiple devices) and also to provide information in standard protocols.

PROMOTED
Lisbon SMPC in articulation with the National Authority for DRR.

DURATION
Average of 2 consultants during 8 months plus 0.5 consultants during 9 months

COSTS
Total external investment need: 200,000 €

Source: Lisbon’s Resilience Action Plan
Americas - Tegucigalpa, Honduras

- Led by the Mayor, 14 local offices from the municipality, two national level entities, four public institutions, one from the private sector, one from the academia and three international cooperation bodies, actively participated in the process.
- Identified gaps based on the 10 Essentials informed the development of the 4 strategic pillars of the Municipal Policy for Integrated Disaster Risk Management (PMGIRD-DC)
- Feb 2018 – orientation, validation of preliminary scorecard, stakeholder mapping, analysis of existing plans and policies
- Mar 2018 – Resilience assessment workshop (detailed scorecard)
- May 2018 – Workshop to develop a local DRR action plan (gap analysis, actions identified, strategic pillars and priorities actions aligned with the vision of the Central District & PMGIR-DC)
- June 2018 – Local DRR plan was reviewed and validated.
Americas - Guayaquil, Ecuador

March 7, 2018: Scorecard assessment workshops
With follow-up meetings, validation of scorecard assessment results

March 28, 2018: DRR action plan formulation

May 23, 2018: The Plan were reviewed and revised several times before being submitted for approval from the highest level of authorities of the Municipality

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Asia - Ulaanbaatar, Mongolia

- The linkage between the local and national implementation of the Sendai Framework is strengthened
- Ulaanbaatar has inspired all 21 other cities to sign-up to the Campaign and conduct the self-assessment for DRR.
- Ulaanbaatar has aligned the DRR action planning process with urban development and budgeting process.
Asia - Dhaka North, Bangladesh

Orientation: 10 Essential (10-11 Jan 2018 & 15 May 2018)

Scorecard Assessment (20-21 Jun 2018)

\[ \begin{align*}
\text{Essential 01: Organize for Resilience} \\
& \begin{array}{|c|}
\hline
\text{1.1.1 Risk consideration in planning} & 1 \\
\text{1.1.2 Consultation in planning} & 2 \\
\text{1.2.1 Preventive planning and preparation} & 2 \\
\text{1.2.2 Coordination of warning systems} & 2 \\
\text{1.2.3 City mechanism for managing organization, coordination and participation} & 2 \\
\text{1.2.4 Identification of physical contributions} & 2 \\
\text{1.3.1 Integration of disaster resilience with other initiatives} & 2 \\
\text{1.4.1 Extent to which data on the city’s resilience position is shared with other organizations involved with the city’s resilience} & 2 \\
\hline
\end{array}
\end{align*} \]

\[ \begin{align*}
\text{Essential 02: Identify, Understand and Use Current and Future Risk Scenarios} \\
& \begin{array}{|c|}
\hline
\text{2.1.1 Knowledge of hazards (also called perils, or shocks and stresses) that the city faces, and their likelihood} & 2 \\
\text{2.1.2 Knowledge of exposure and vulnerability} & 2 \\
\text{2.2.1 Damage and loss estimation} & 2 \\
\text{2.4.1 Understanding of critical assets and the linkages between these} & 2 \\
\text{2.5.1 Hazard maps} & 2 \\
\text{2.5.2 Update process} & 2 \\
\hline
\end{array}
\end{align*} \]

- **Dhaka North City Corporation** is planning to use the results of the self-assessment in developing a project proposal to obtain external funding to DRR. Some of the identified DRR actions will be integrated and implemented through some projects with secured budget e.g. from JICA.
Africa - Yaounde VI, Cameroon

- Strengthened vertical coordination of Yaounde 6 with the national government
- Yaounde 6 has influenced neighboring municipality administration and mayors to engage in DRR activities

### Quatre (04) Points essentiels méritent une attention particulière

<table>
<thead>
<tr>
<th>Points essentiels</th>
<th>Intitulé</th>
<th>Nombre total de points</th>
<th>Nombre de points obtenu par la Commune de Yaoundé 6</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>E02</td>
<td>Identifier, comprendre et faire usage de scénario de risques actuels et futurs</td>
<td>30</td>
<td>6</td>
<td>20%</td>
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<tr>
<td>E07</td>
<td>Comprendre et renforcer la capacité sociétale en vue de la résilience</td>
<td>50</td>
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<td>14%</td>
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<tr>
<td>E08</td>
<td>Augmenter la résilience des infrastructures</td>
<td>135</td>
<td>15</td>
<td>11%</td>
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<tr>
<td>E09</td>
<td>Garantir une réaction efficace aux catastrophes</td>
<td>85</td>
<td>18</td>
<td>21%</td>
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</table>
Arab States - Nablus, Palestine

Supported by Academia (An-Najah University)

- Jul 2018 (1 day) – High-level Orientation
- Aug 2018 (2 days) – Stakeholders’ orientation (terminologies, DRR concept, 10 Essentials, scorecard assessment introduction, preparation for the assessment)
- Aug-Sep 2018 – Information gathering
  - Concerned individuals/institutions gathered information for scorecard analysis
  - Discussions/meetings by the municipality and stakeholders
- Sep 2018 (3 days) – Scorecard assessment workshop (based on individual/institutional information gathered, discussed questions by questions & follow-up meetings/discussions for certain questions for accurate scoring with appropriate evidence)
- Sep 2018 – Follow-up meetings
- Jan 2019 – Action planning workshop (matrix for actions and responsible institutions, grouped into 6 major projects & project prioritization discussion)
Important Note

- There is no hard-set outline or structure of the local DRR Strategy and Action Plan. The format shall be adapted as appropriate with the local context, but should contain all elements as suggested.

- Once the plan is developed, it must be presented to the governing authority (e.g. the Disaster Risk Management Committee or Municipality/City Council) for adoption and formal authorization to implement the plan.

- In many cases, the stand-alone DRR Strategy/Action Plan does not guarantee the budget for implementation. Local governments may seek an option to integrate the DRR Action Plan with an urban development plan, sectoral development plans, climate change adaptation plan, or any other relevant plans to ensure support for implementation.
Useful Resources

- **Words into Action guideline: Developing national disaster risk reduction strategies (May 2019)**
  https://www.preventionweb.net/publications/view/65095

- **Words into Action guideline: Implementation guide for local disaster risk reduction and resilience strategies (May 2019)**
  https://www.preventionweb.net/publications/view/57399

- **Words into Action Guidelines – Implementation guide for land use and urban planning (Feb 2020)**
  https://www.preventionweb.net/publications/view/67430

- **Practical Guide for Developing Local Disaster Risk Reduction Plans toward 2020**
Thank You

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