

Developing Local DRR strategies

Proposed Approach and Key Steps



UNDRR

UN Office for Disaster Risk Reduction

SENDAI FRAMEWORK
FOR DISASTER RISK REDUCTION 2015-2030

With the support of



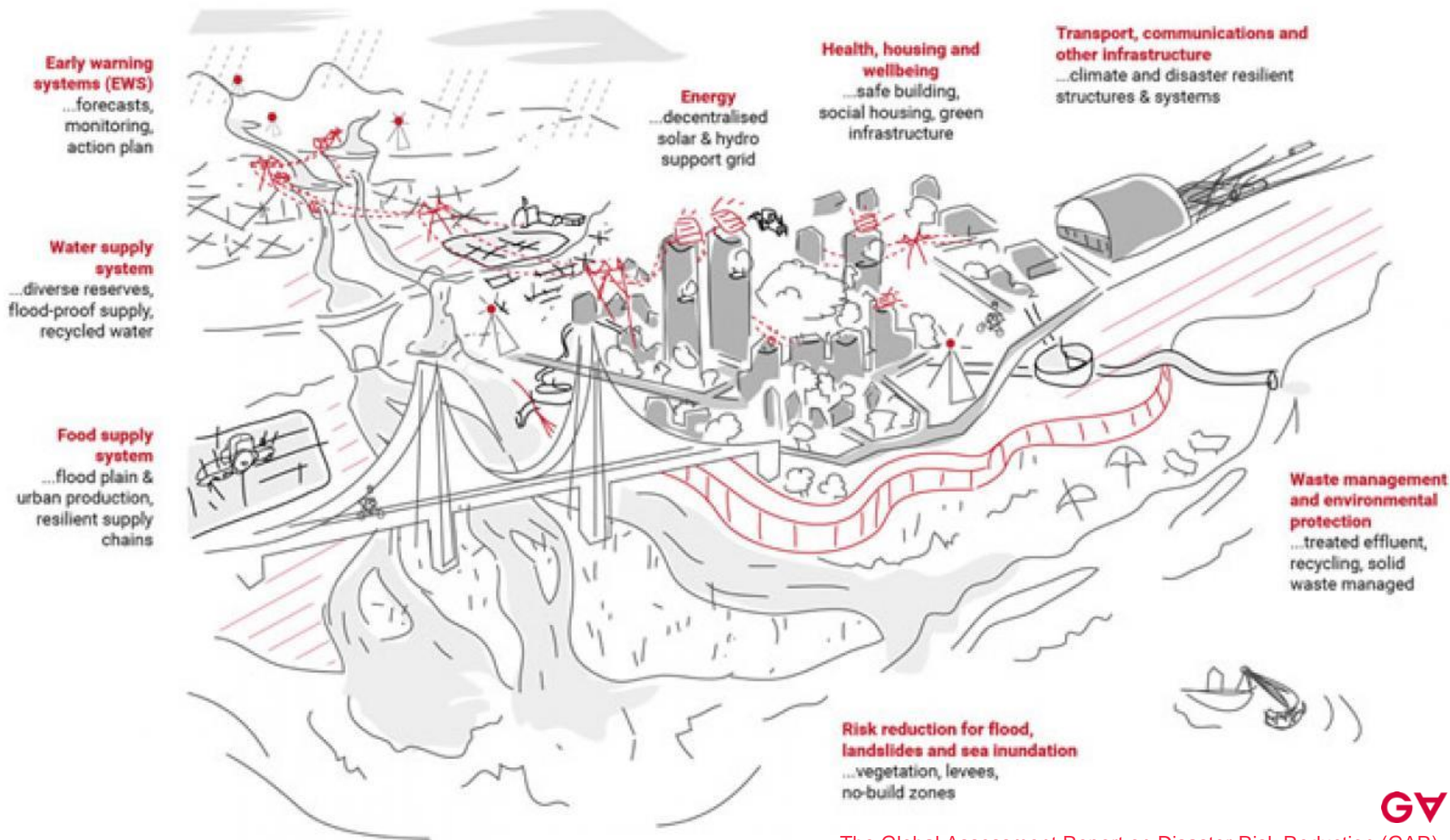
Ministry of
the Interior and Safety



Incheon
Metropolitan City

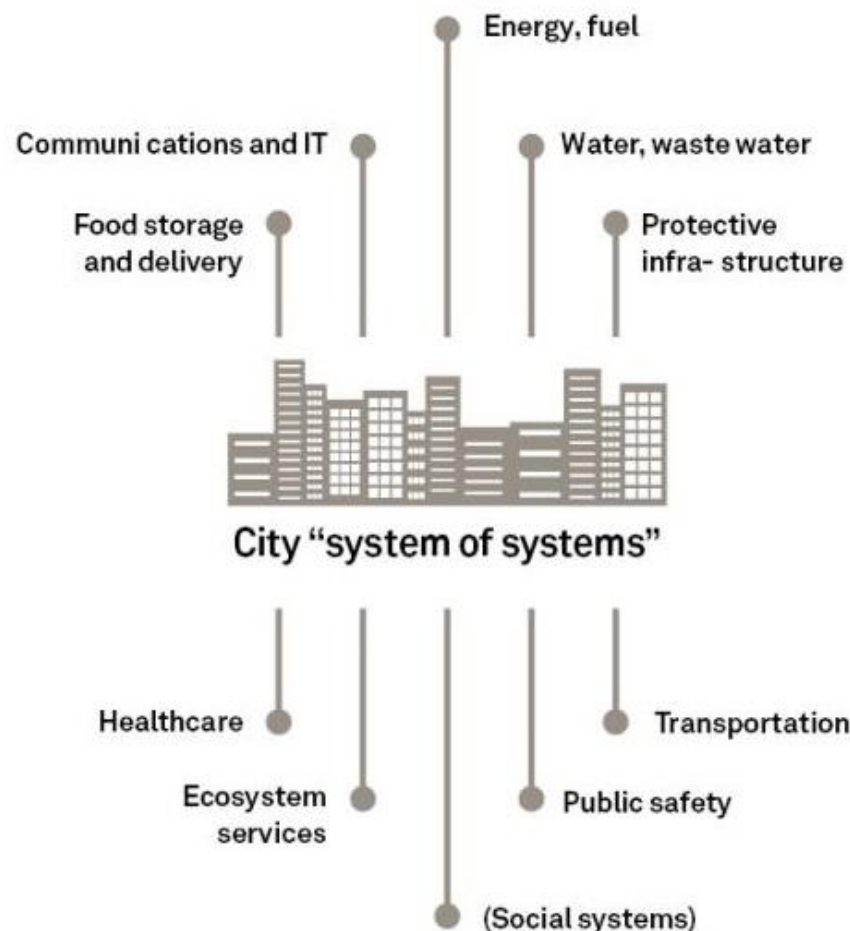
What makes the fictional city of Drecca-Susdev resilient?

Fictional delta city of Drecca-Susdev - some elements of integrated risk governance

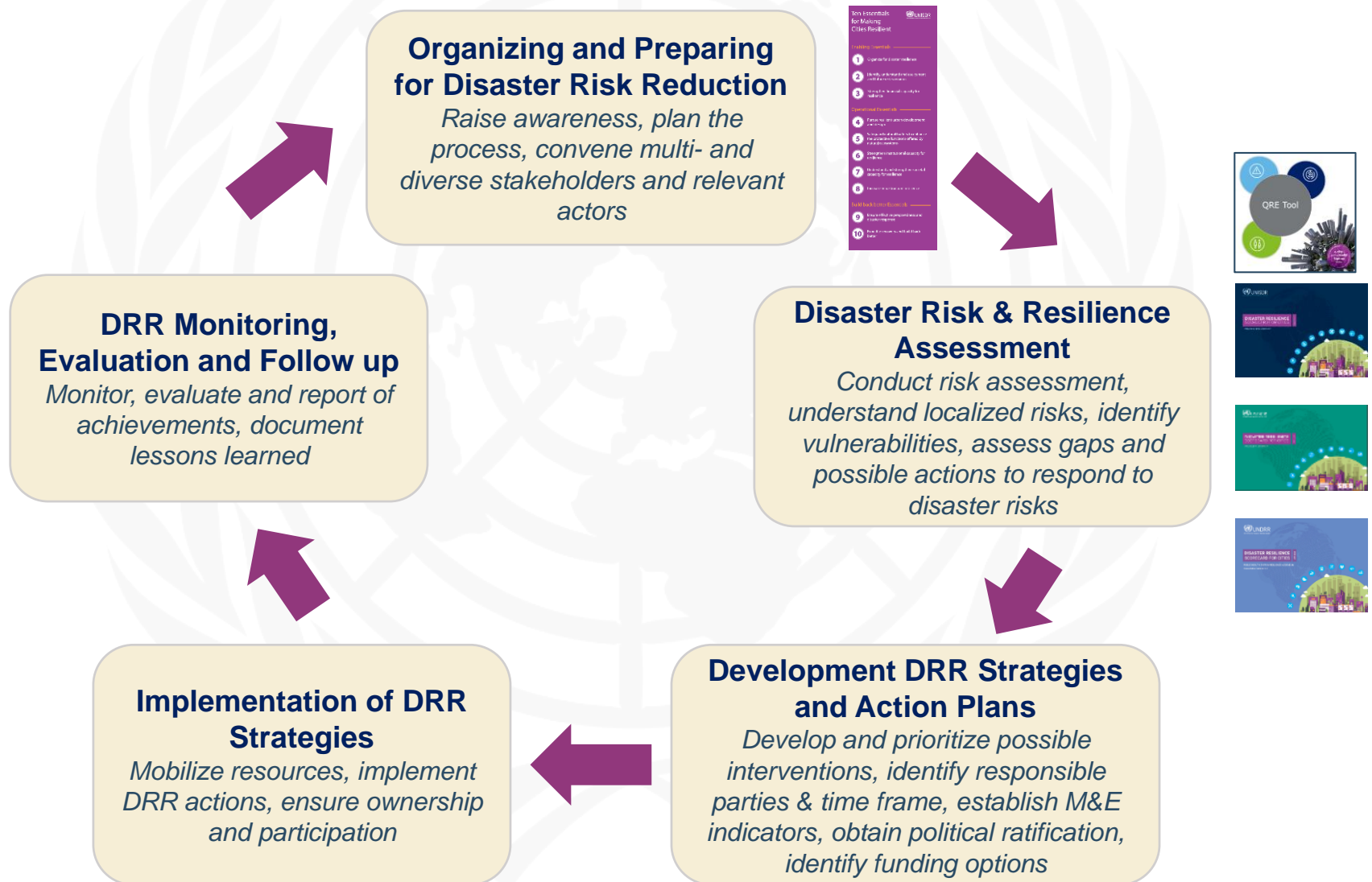


Resilience has to address the “system of systems” that makes up a city.

- *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



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

Action Plan for Calendar Year _____ – _____	
City/Local Government Name	
Country	
Focal Point Details	Name: Contact Info:
Title of existing local disaster risk reduction strategy	
Timeframe of existing strategy or plan	

Strategic Area/Goal 1:		e.g. Strengthen disaster risk governance				
#	OBJECTIVES	PLANNED ACTION(s)	INDICATORS (Specific, measurable, attainable, realistic)	TIMEFRAME (Timebound)	RESPONSIBILITY (+Support) AGENCIES (Assignable)	Budget

Cases Examples from Cities

Example of the use cases of the Scorecard for DRR planning



DRR strategy and
plan formulation



PROJECTS

LISBON'S RESILIENCE ACTION PLAN



UNISDR



Source: Lisbon's Resilience Action Plan

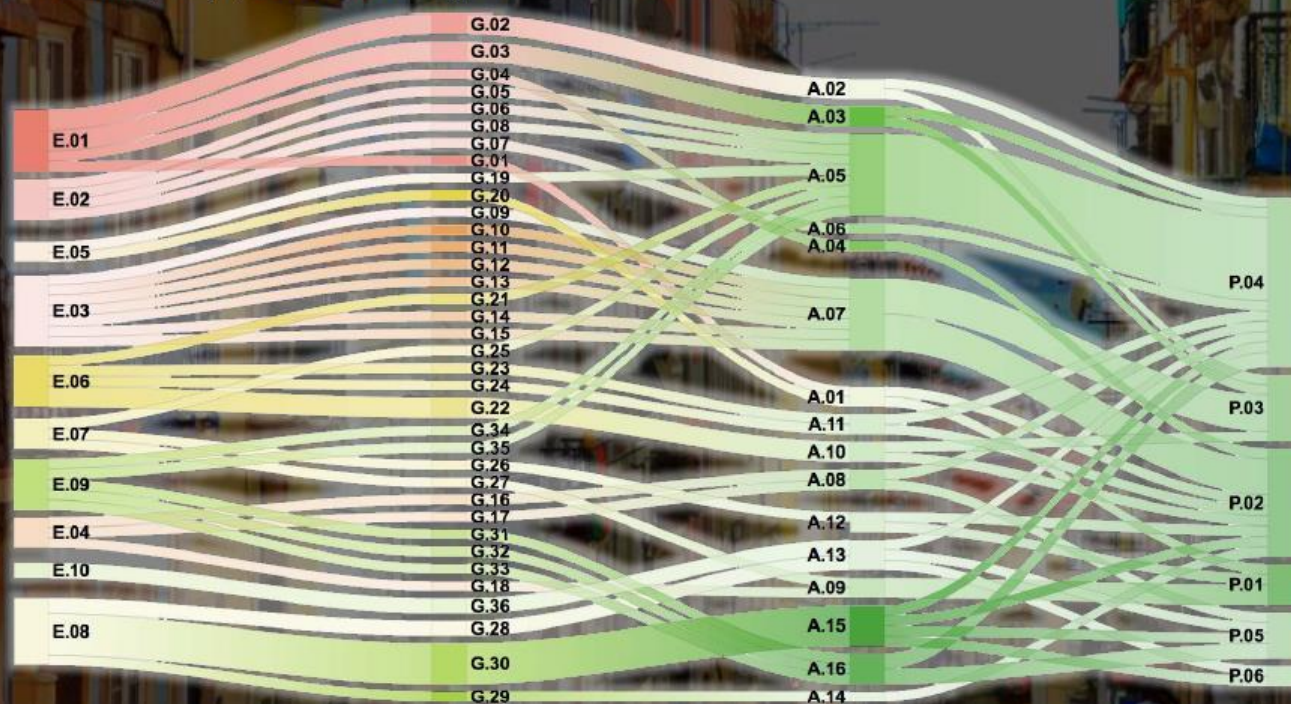
PROJECTS

Mapping between Essentials, Gaps, Actions and Projects

LISBON'S RESILIENCE ACTION PLAN



UNISDR



E. # - Essential
G. # - Identified Gap
A. # - Action
P. # - Project

Colors are used just for representation and not associated to risk or impact level

PROJECTS

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

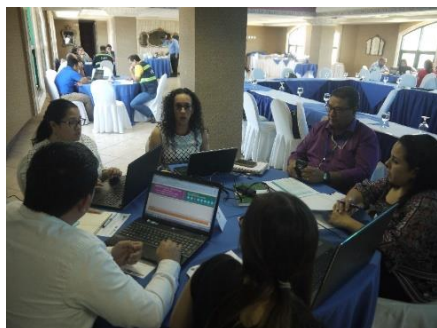
Total external investment need: 200.000 €



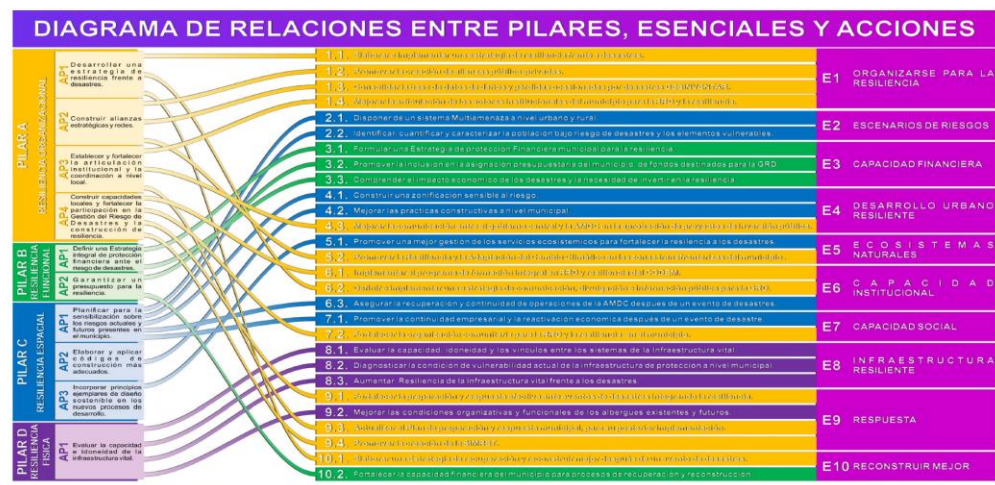
PROJECTS

Source: Lisbon's Resilience Action Plan

Americas - Tegucigalpa, Honduras



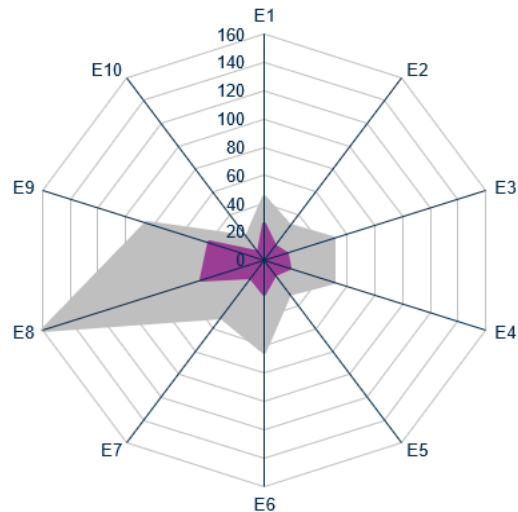
- Led by the Mayor, 14 local offices from the municipality, two national level entities, four public institutions, one from the private sector, one from the academia and three international cooperation bodies, actively participated in the process.
 Identified gaps based on the 10 Essentials informed 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

Asia - Ulaanbaatar, Mongolia



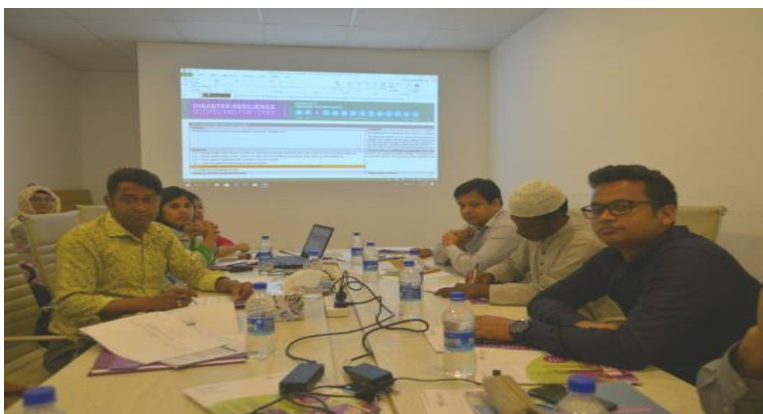
ULAANBAATAR CITY DISASTER RESILIENCE SCORECARD	
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Organize for resilience	<input type="checkbox"/> Protect environment and maintain natural ecosystem,
<input checked="" type="checkbox"/> Infrastructure resilience	<input type="checkbox"/> Understand and strengthen societal capacity
<input checked="" type="checkbox"/> Effective disaster response	<input type="checkbox"/> Identify current and future risks

- 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



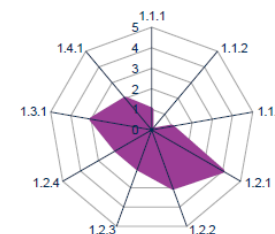
Orientation: 10 Essential (10-11 Jan 2018 & 15 May 2018)



Scorecard Assessment (20-21 Jun 2018)

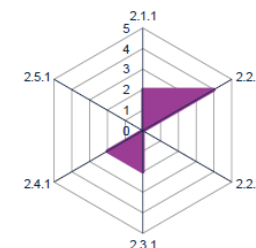
Essential 01: Organize for Resilience

1.1.1	Risk consideration in plan making.	1
1.1.2	Consultation in plan making.	0
1.1.3	Review of strategic plans.	1
1.2.1	Pre-event planning and preparation.	4
1.2.2	Co-ordination of event response.	3
1.2.3	City resources for managing organisation, co-ordination and participation.	2
1.2.4	Identification of physical contributions.	2
1.3.1	Integration of disaster resilience with other initiatives.	3
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



Essential 02: Identify, Understand and Use Current and Future Risk Scenarios

2.1.1	Knowledge of hazards (also called perils, or shocks and stresses) that the city faces, and their likelihood.	2
2.2.1	Knowledge of exposure and vulnerability.	4
2.2.2	Damage and loss estimation.	0
2.3.1	Understanding of critical assets and the linkages between these.	2
2.4.1	Hazard maps.	2
2.5.1	Update process.	0



- 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

Points essentiels	Intitulés	Nombre total de points	Nombre de points obtenu par la Commune de Yaoundé 6	%
E02	Identifier, comprendre et faire usage de scénario de risques actuels et futurs	30	6	20%
E07	Comprendre et renforcer la capacité sociétale en vue de la résilience	50	7	14%
E08	Augmenter la résilience des infrastructures	135	15	11%
E09	Garantir une réaction efficace aux catastrophes	85	18	21%

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***
https://www.jica.go.jp/english/news/field/2017/c8h0vm0000bqnqel-att/practical_guide.pdf



Thank You

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UN Office for Disaster Risk Reduction

The logo for the Sendai Framework for Disaster Risk Reduction 2015-2030. It consists of a horizontal bar divided into four colored segments: red, purple, orange, and teal. Below the bar, the text "SENDAI FRAMEWORK" is written in a bold, white sans-serif font, and below that, "FOR DISASTER RISK REDUCTION 2015-2030" is written in a smaller, white sans-serif font.

SENDAI FRAMEWORK
FOR DISASTER RISK REDUCTION 2015-2030