



JOURNEY TOWARDS #RESILIENTMAKATI

# STRENGTHENING MAKATI'S DRRM INITIATIVES USING THE MAKING CITIES RESILIENT CAMPAIGN

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## TEN ESSENTIALS FOR MAKING CITIES RESILIENT DRAFT LOCAL –URBAN INDICATORS

The United Nations Office for Disaster Risk Reduction (UNDRR) have developed 'Local Urban Indicators' to enable cities to assess their resilience. The Local Urban Indicators are based on the 'Ten Essentials for Making Cities Resilient' framework which has been updated in line with the Sendai Framework for Disaster Risk Reduction (2015-2030). The current Local Urban Indicators were created in collaboration with a number of partner agencies who selected a preliminary list of indicators. This process was informed by learning from the Local Government Self-Assessment tool (LGSAT) and Disaster Resilience Scorecard. This document contains a revised version of the Local Urban Indicators prepared by UNDRR in collaboration with partner agencies. The purpose of this version of the tool is to provide a comprehensive set of indicators for cities to use in their assessments.

**Structure of the tool**  
The overall structure information tool.



### DISASTER RESILIENCE SCORECARD FOR CITIES

APRIL 2020

PUBLIC HEALTH SYSTEM RESILIENCE ADDENDUM

## 10 ESSENTIALS FOR MCR

LOCAL GOVERNMENT ASSESSMENT TOOL

LOCAL URBAN INDICATORS (LUI) TOOL

DISASTER RESILIENCE SCORECARD 2017

DISASTER RESILIENCE SCORECARD 2020

(Public Health System Resilience Addendum)

# SCORECARD X MAKATI PROCESS

## STAKEHOLDER IDENTIFICATION

Study of mandated office/dept., data owners, and process owners involved



## PLANNING

Identification of interventions and innovations to meet the identified gaps and key results area for monitoring and evaluation



## PROCESSING

Analysis of initial data gathered to identify common gaps and initial project proposals



## DESK REVIEW

Review of the indicators, data requirements & compilation of existing data



## KEY INFORMANT INTERVIEW

Review of the indicators, data requirements & compilation of existing data



## MULTI-STAKEHOLDER ASSESSMENT

Accomplishment of the Disaster Resilience Scorecard Public Health Addendum to assess the current status and identify gaps



# USING THE DISASTER RESILIENCE SCORECARD

## DATA-DRIVEN & MULTI-STAKEHOLDER

Providing a data-driven as well as a systematic and participatory/consultative approach in resilience-building



## PLANNING & MONITORING GUIDE

Serving as a guide for planning and monitoring the city's progress in improving its disaster resilience initiatives and identifying feasible priorities for investment and action in alignment with the SFDRR

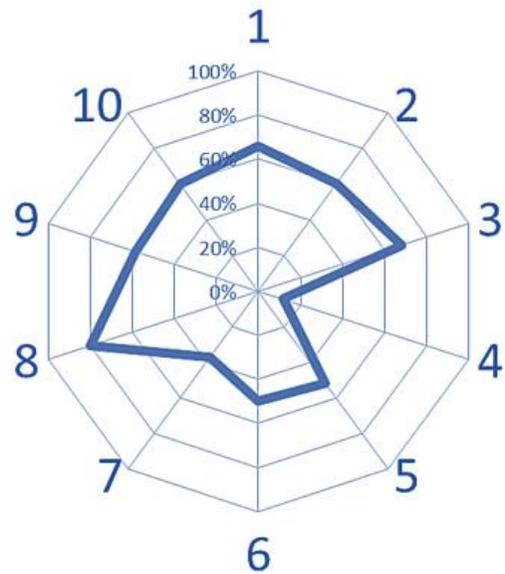


## CONTEMPORARY TRENDS

Keeping up with the contemporary international standards in DRRM

# DISASTER RESILIENCE SCORECARD PRE-TEST RESULTS

*City Government Perspective*



Level of Progress	Description of Level of Progress for Overall Ranking for Each Question
5	Comprehensive achievement has been attained...
4	Substantial achievement has been attained...
3	There is some institutional commitment and capacities...
2	Achievements have been made but are incomplete
1	Achievements are minor...

TEN ESSENTIALS	Rating 2014
1: Put in place coordination and organization	3
2: Assign a budget and provide incentives	3
3: Maintain up-to-date data on hazards and prepare risk assessments	3.5
4: Invest in and maintain risk reducing infrastructure	0.8
5: Assess the safety of all schools and health facilities, and upgrade as necessary	3.5
6: Enforce risk-compliant building regulations and land use planning principles	3.5
7: Ensure education programmes and trainings on DRR are in place	2
8: Protect ecosystems & natural buffers to mitigate hazards	4
9: Install early warning systems & emergency management capacities	3
10: After any disaster, ensure the needs of the affected population are at the center of reconstruction	3
<b>Average:</b>	<b>2.93</b>

# DISASTER RESILIENCE SCORECARD PRE-TEST RESULTS

*Private Sector Perspective*

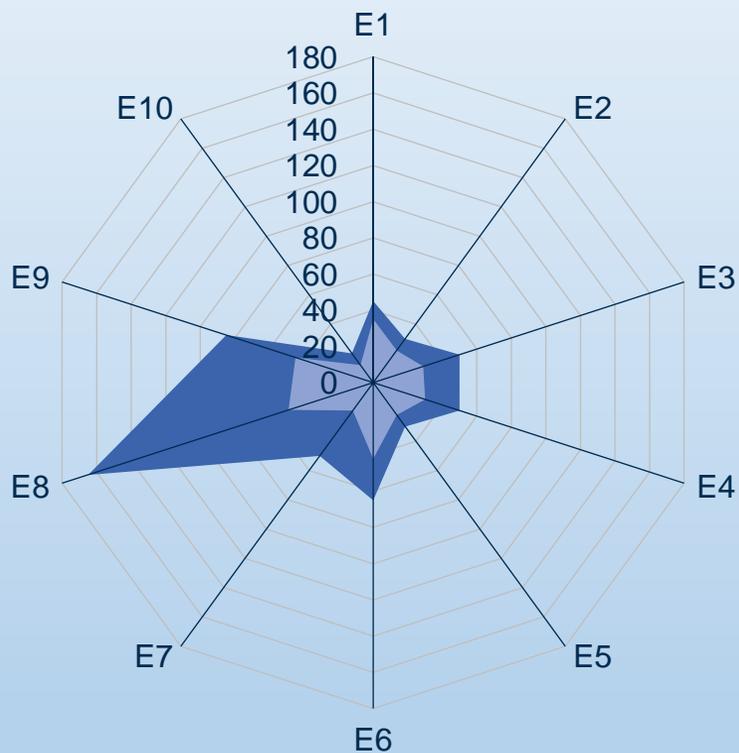
ESSENTIALS (as applicable)	Rating 2014				
	Group A (Energy)	Group B (Water, Food)	Group D (Telecom)	Group E (Developers)	Average
1: Put in place coordination and organization	4.6	2.9	3.4	4.1	<b>3.75</b>
2: Assign a budget and provide incentives	4.1	4.2	5	2.7	<b>4</b>
3: Maintain up-to-date data on hazards and prepare risk assessments	4.9	4.7	5	4.5	<b>4.8</b>
4: Invest in and maintain risk reducing infrastructures	5	4	3.8	N/A	<b>4.3</b>
6: Enforce risk compliant building regulations and land use planning principles	N/A	N/A	N/A	4	<b>4</b>
9: Install early warning systems and emergency management capacities	4.9	4.7	4.1	3.4	<b>4.3</b>
10: After any disaster, ensure the needs of the affected population are at the center of reconstruction	5	5	5	No answer	<b>5</b>

# APPLYING THE DISASTER RESILIENCE SCORECARD

## *Public-Private Assessment Results*

TEN ESSENTIALS	City Gov't	Private	Average
1: Put in place coordination and organization	3	3.75	<b>3.4</b>
2: Assign a budget and provide incentives	3	4	<b>3.5</b>
3: Maintain up-to-date data on hazards and prepare risk assessments	3.5	4.8	<b>4.1</b>
4: Invest in and maintain risk reducing infrastructure	0.8	4.3	<b>2.5</b>
5: Assess the safety of all schools and health facilities, and upgrade as necessary	3.5	-	<b>3.5</b>
6: Enforce risk-compliant building regulations and land use planning principles	3.5	4	<b>3.75</b>
7: Ensure education programs and various kinds of training on DRR are in place	2	-	<b>2</b>
8: Protect ecosystems & natural buffers to mitigate hazards	4	-	<b>4</b>
9: Install early warning systems & emergency management capacities	3	4.3	<b>3.6</b>
10: After any disaster, ensure the needs of the affected population are at the center of reconstruction	3	5	<b>4</b>
<b>Average:</b>	<b>2.93</b>		<b>3.4</b>

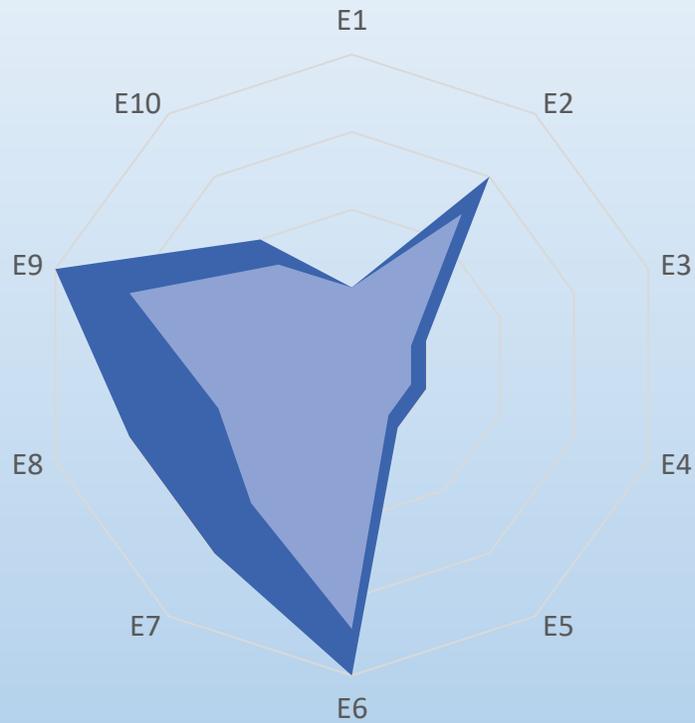
# APPLYING THE DISASTER RESILIENCE SCORECARD 3.0



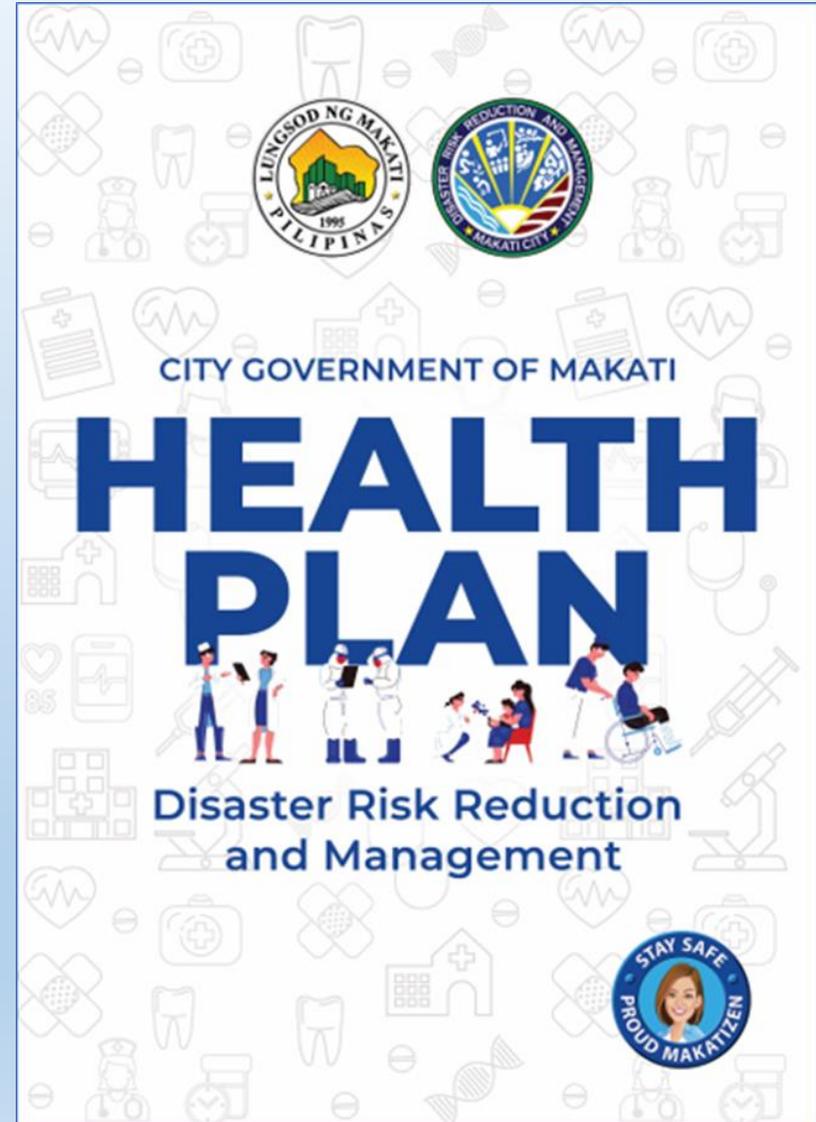
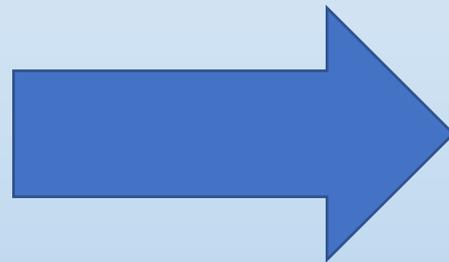
TEN ESSENTIALS	2017	MAKATI DRRM PLAN 2019 - 2030
1: Organize for Resilience	3.17	DRRM Community Organization, Participation and Empowerment (COPE); DRRM Organizational Enhancement Program
2: Identify, Understand and Use Current and Future Risk Scenarios	3.27	Risk Information Services
3: Strengthen Financial Capacity for Resilience	2.05	Socio-economic Resilience Program
4: Pursue Resilient Urban Development	2.89	Risk Information Services, <i>office mandates and regular activities</i>
5: Safeguard Natural Buffers to Enhance the Protective Functions Offered by Natural Ecosystems	3.25	Environmental Resilience
6: Strengthen Institutional Capacity for Resilience	2.77	DRRM Education
7: Understand and Strengthen Societal Capacity for Resilience	2.03	DRRM Education, Emergency and Disaster Shelter
8: Increase Infrastructure Resilience	0.82	Disaster Resilient Infrastructure
9: Ensure Effective Disaster Response	2.78	Incident and Disaster Management, Health and Disaster
10: Expedite Recovery and Build Back Better	2.71	Disaster Recovery
<b>Average:</b>	<b>2.57</b>	



# PUBLIC HEALTH ADDENDUM RESULT



89/115



# A DECADE-WORTH OF LEARNINGS FROM THE DISASTER RESILIENCE SCORECARD



## MAINSTREAMING OF DRRM

- Multi-sector, multi-stakeholder, approach to resilience assessment
- Creation of programs to address the identified gap
- Institutionalization of the use of DRS/MCR tools in the planning process



## RESILIENCE IS EVERYBODY'S BUSINESS

- City as “systems of systems”, private sector engagement, start of conversations with non-city stakeholders
- Evidence-based, quantitative assessment





# Making Disaster Resilience a Way of Life



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