

# International Disaster Resilience Leaders Forum Incheon 2022

2022 인천 국제재난복원력  
지도자 포럼

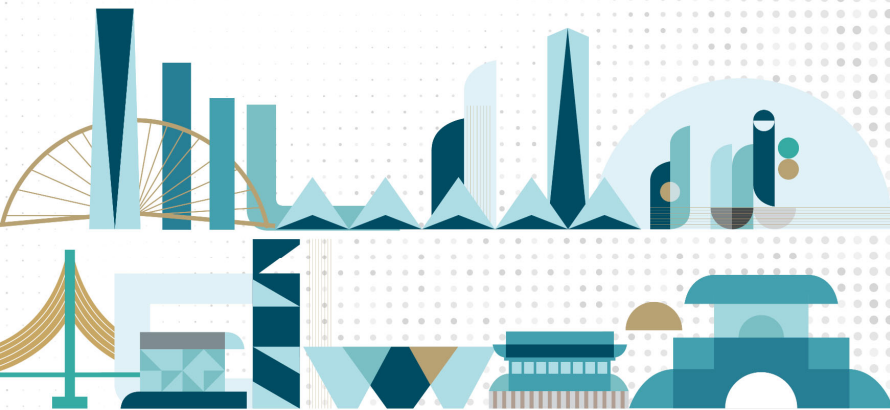
2022.9.28.-29.  
SONGDO CONVENIA  
GRAND BALLROOM A HALL  
송도 컨벤시아 그랜드볼룸 A홀



## RISK-INFORMED, INCLUSIVE POLICIES FOR #RESILIENTMAKATI

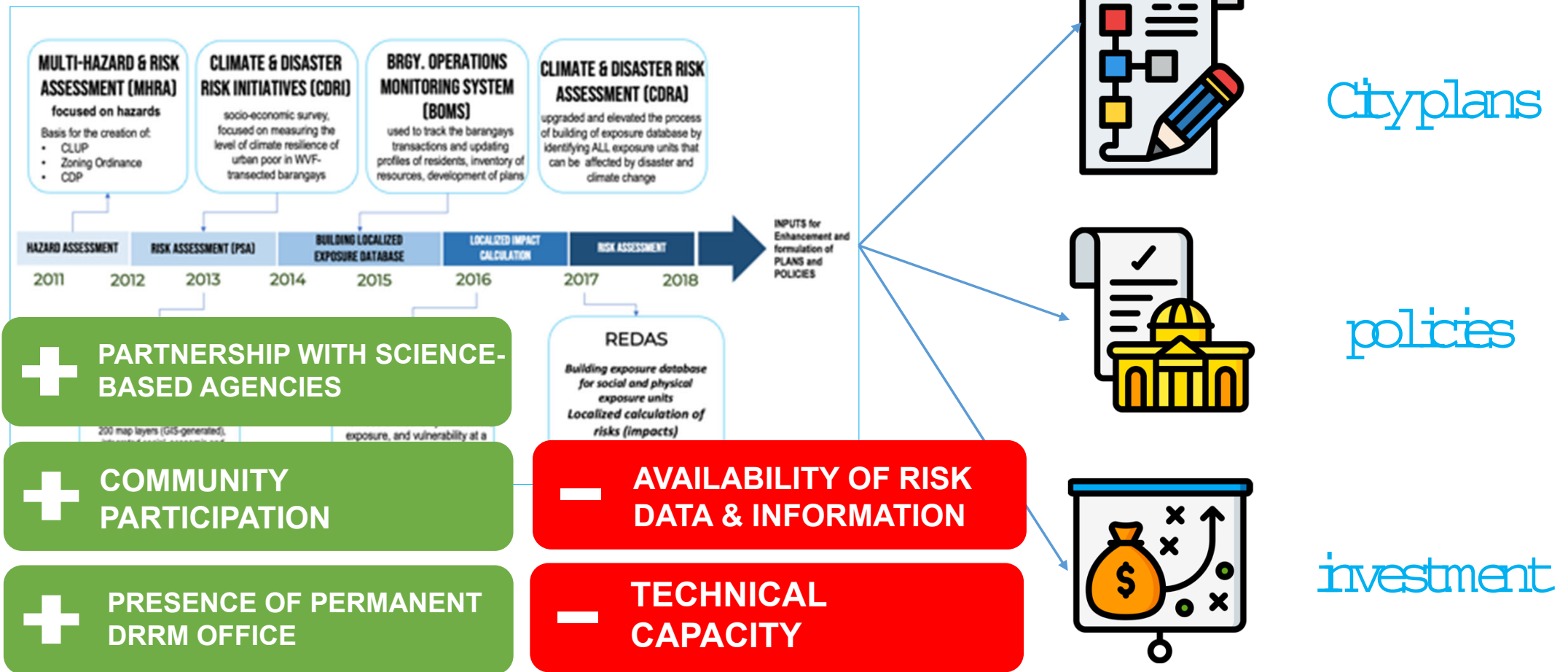
SESSION 2: URBAN POLICY FOR DISASTER RESILIENCE

**LIZA VELLE B. RAMOS, EnP**  
Research and Planning Division Head  
Disaster Risk Reduction and Management Office  
City Government of Makati, Philippines



# DISASTER RISK ASSESSMENT AND PLANNING

## HARMONIZED SCIENCE-BASED Risk assessment



## MULTI-HAZARD & Risk Assessment (MHRA) focused on hazards

Basis for the creation of:

- CLUP
- Zoning Ordinance
- CDP

## Climate & disaster RISK INITIATIVES (cdri)

socio-economic survey,  
focused on measuring the  
level of climate resilience of  
urban poor in WVF-  
transected barangays

## BRGY. OPERATIONS MONITORING SYSTEM (BOMS)

used to track the barangays  
transactions and updating  
profiles of residents, inventory of  
resources, development of plans

## Climate & disaster RISK ASSESSMENT (cdra)

upgraded and elevated the process  
of building of exposure database by  
identifying ALL exposure units that  
can be affected by disaster and  
climate change

HAZARD ASSESSMENT

RISK ASSESSMENT (PSA)

BUILDING LOCALIZED  
EXPOSURE DATABASE

LOCALIZED IMPACT  
CALCULATION

RISK ASSESSMENT

INPUTS for  
Enhancement and  
formulation of  
PLANS and  
POLICIES

2011

2012

2013

2014

2015

2016

2017

2018

## MAKATI ATLAS

Produced general total  
exposure, vulnerability, and  
risk index

200 map layers (GIS-generated),  
*integrated social, economic and  
physical exposure units (PSA level)*

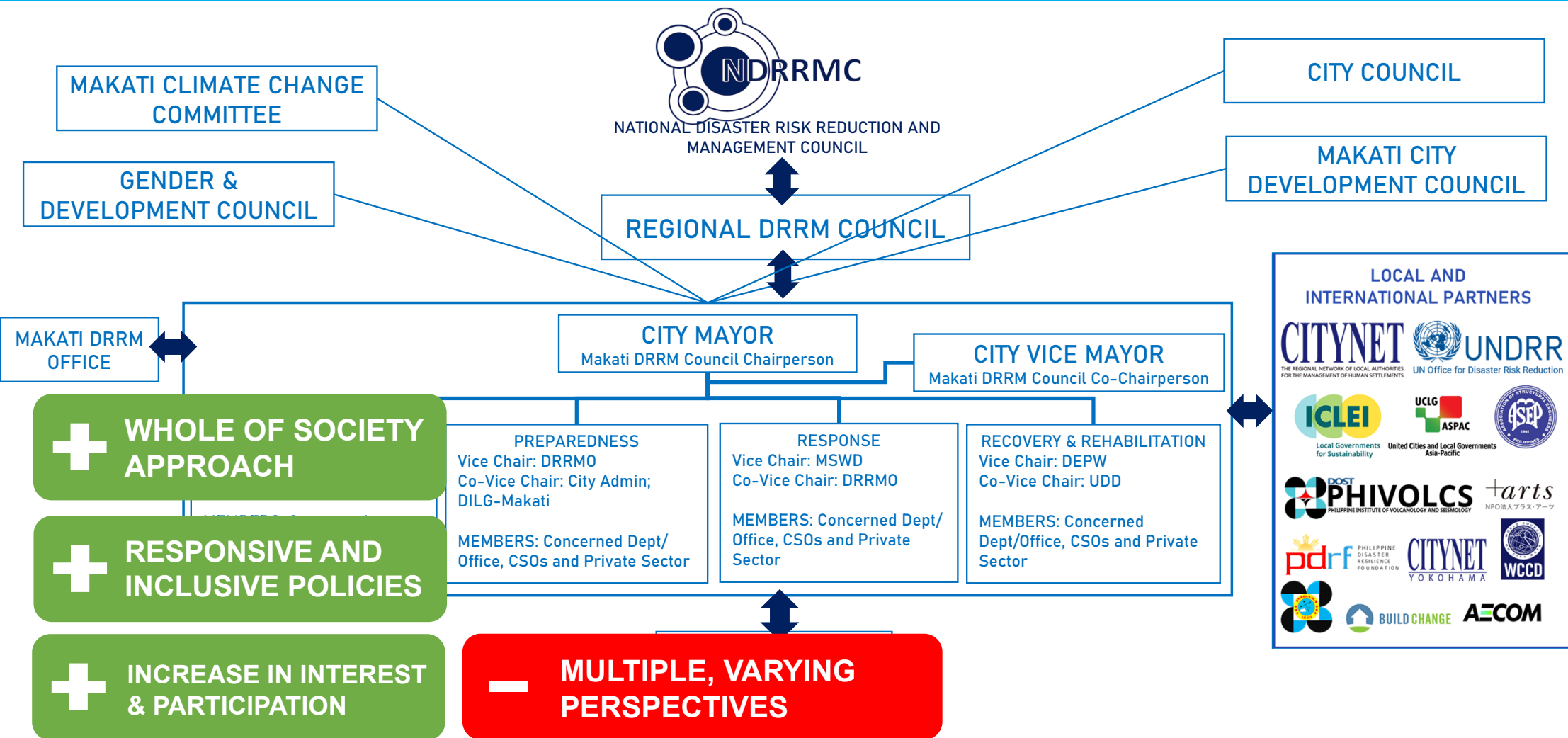
## BARANGAY DRM PLAN ENHANCEMENT

Further detailed and validated  
likelihood and severity of hazards,  
exposure, and vulnerability at a  
barangay and street level

## REDAS

***Building exposure database  
for social and physical  
exposure units  
Localized calculation of  
risks (impacts)***

# Disaster risk governance





# Investments for disaster risk reduction



**PARTNERSHIP**



**DISASTER RESILIENCE AS A WAY OF LIFE (SELF-HELP)**



**LIMITED RESOURCES**  
(human, financial, physical)

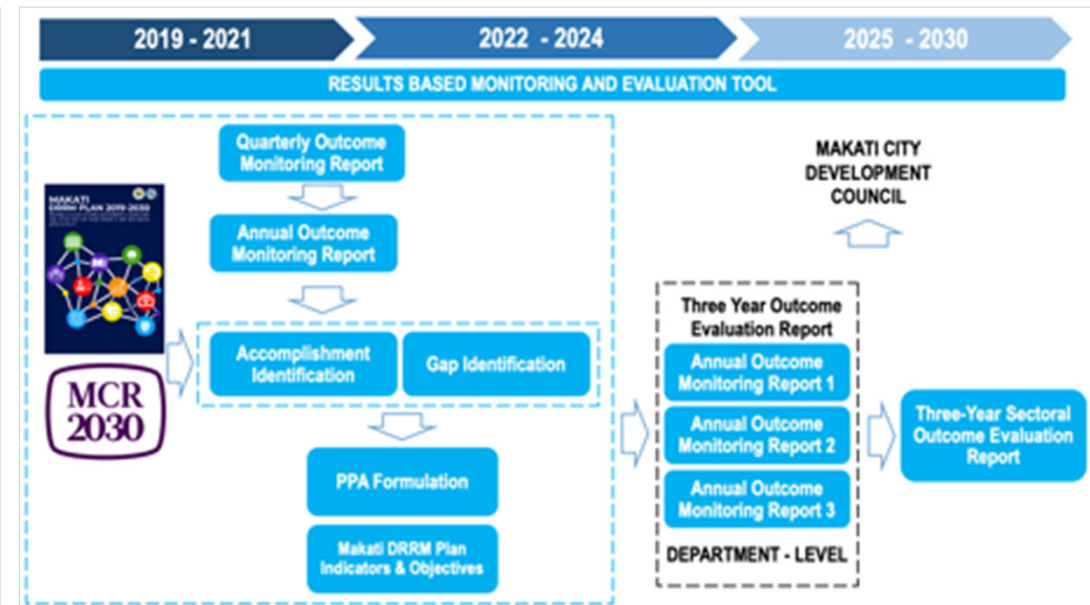
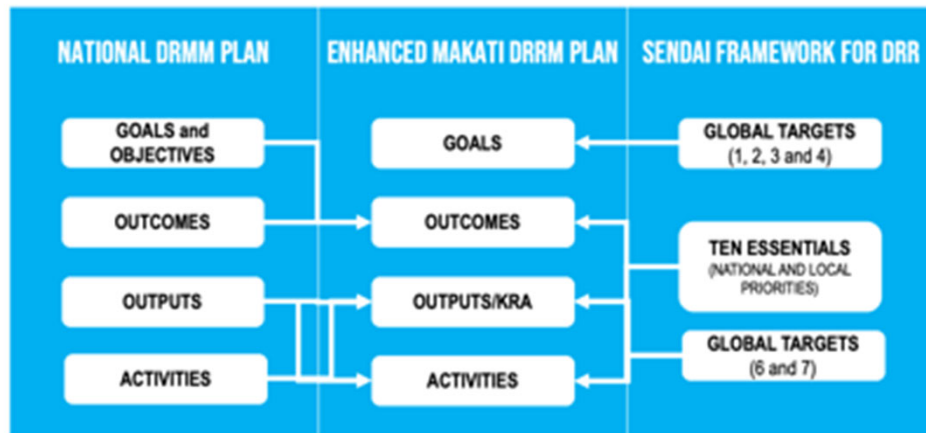


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# Resilience planning

## LINKAGE WITH NDRRMP AND SFDRR



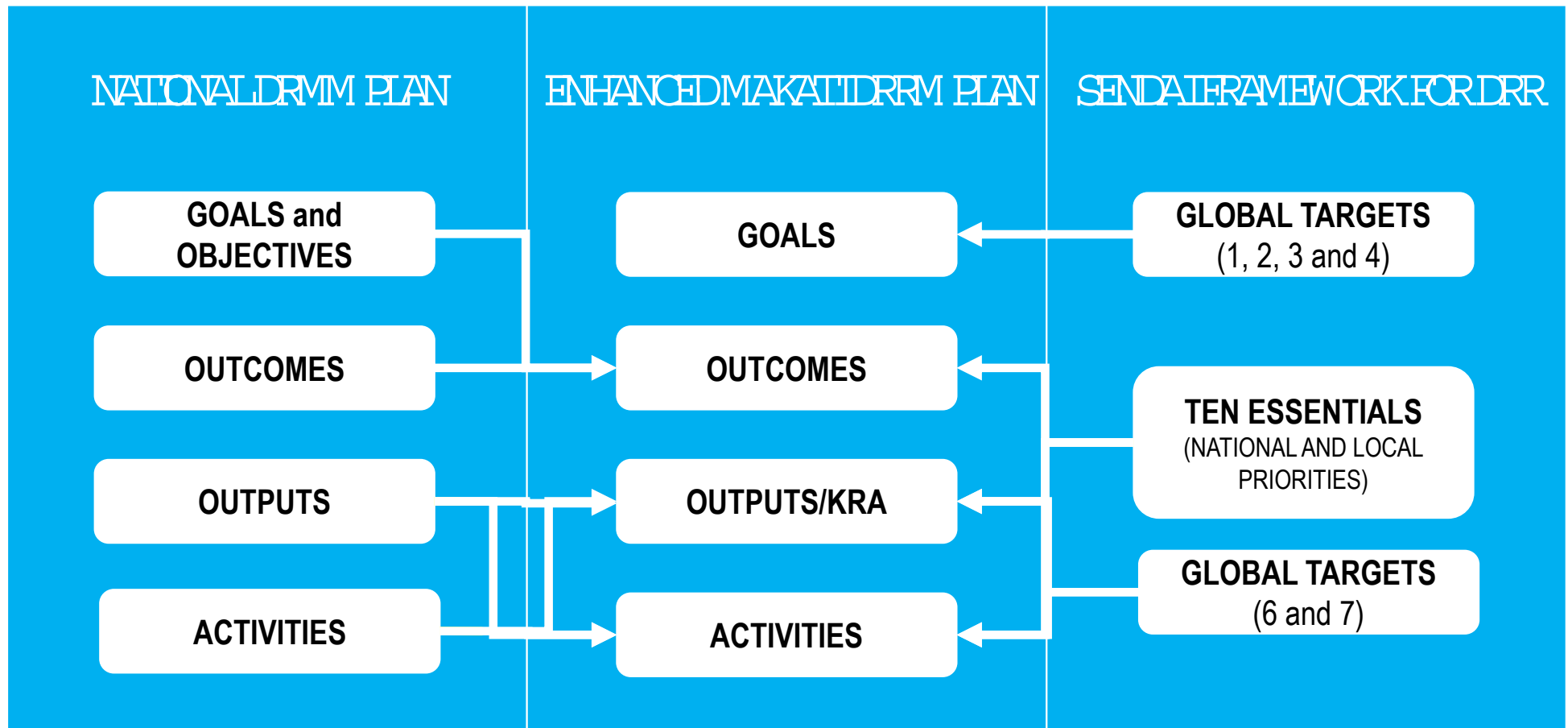
**+ PARTNERSHIP**

**+ PLATFORM FOR KNOWLEDGE EXCHANGE**

**- TECHNICAL EXPERTISE**



# LINKAGE WITH NDRMP AND SEDRR



2019 - 2021

2022 - 2024

2025 - 2030

## RESULTS BASED MONITORING AND EVALUATION TOOL



Quarterly Outcome  
Monitoring Report

Annual Outcome  
Monitoring Report

Accomplishment  
Identification

Gap Identification

PPA Formulation

Makati DRRM Plan  
Indicators & Objectives

MAKATI CITY  
DEVELOPMENT  
COUNCIL

Three Year Outcome  
Evaluation Report

Annual Outcome  
Monitoring Report 1

Annual Outcome  
Monitoring Report 2

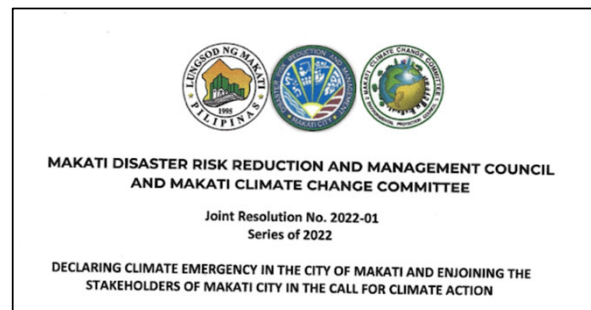
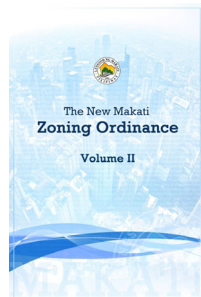
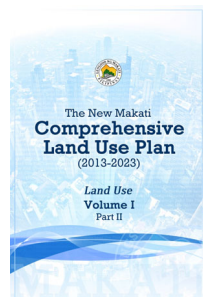
Annual Outcome  
Monitoring Report 3

DEPARTMENT - LEVEL

Three-Year Sectoral  
Outcome Evaluation  
Report



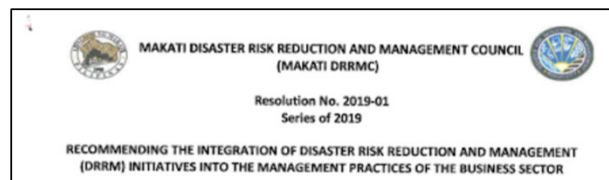
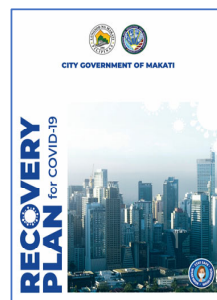
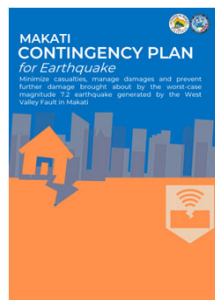
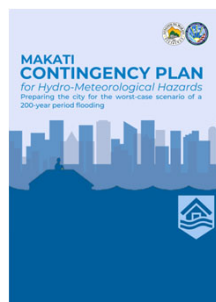
# RESPONSIVE POLICIES FOR DRR



**CITY RESOLUTION NO. 2022-A-013**  
 Authors: Hon. A.P. Padilla, Hon. R.A.Q. Saguisag, Jr., Hon. D.B. Almario, Hon. B.B. Baniqued, Hon. V.V. Hilario, Jr., Hon. E.M. Marquez, Hon. M.D.M. Arayon, Hon. A.A.M. Yabut and Hon. R.C. San Pedro, Jr.

Co-Authors: Hon. M.J.P.Q. Arenas, Hon. J.M. Ariones, Hon. A.J. Cruz, Hon. L.S. Javier, Jr., Hon. C.C. Ortega, Hon. K.T. Sarosa, Hon. J.C. Villena, IV and Hon. M.F. Vitales

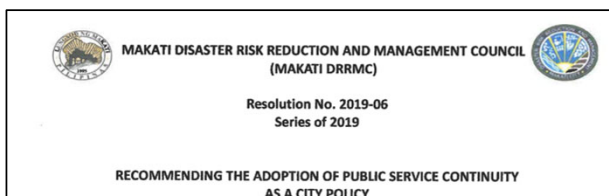
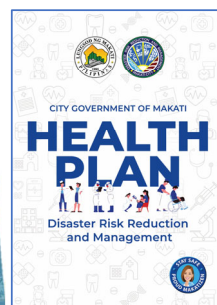
**A RESOLUTION DECLARING A STATE OF CLIMATE EMERGENCY IN THE CITY OF MAKATI THEREBY ENJOINING A WHOLE-OF-SOCIETY APPROACH IN MITIGATING AND ADAPTING TO CLIMATE CHANGE, SUBJECT TO EXISTING LAWS, RULES AND REGULATIONS.**



**CITY ORDINANCE NO. 2019-A-093**  
 Authors: Hon. D.B. Almario, Hon. M.D.M. Arayon, Hon. M.J.P.Q. Arenas, Hon. B.B. Baniqued, Hon. A.J. Cruz, Hon. V.V. Hilario, Jr., Hon. L.S. Javier, Jr., Hon. A.P. Padilla, Hon. R.A.Q. Saguisag, Jr., Hon. K.T. Sarosa, Hon. J.C. Villena IV, Hon. A.A.M. Yabut and Hon. R.C. San Pedro, Jr.

Co-Authors: Hon. S.C. Aspillaga, Hon. I.S. Cruzado, Hon. L.M. Magpantay and Hon. M.F. Vitales

**AN ORDINANCE ADOPTING MAKATI DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL (MAKATI DRRMC) RESOLUTION NO. 2019-01 SERIES OF 2019 (RECOMMENDING THE INTEGRATION OF DISASTER RISK REDUCTION AND MANAGEMENT (DRRM) INITIATIVES INTO THE MANAGEMENT PRACTICES OF THE BUSINESS SECTOR), SUBJECT TO ALL LAWS AND EXISTING LEGAL RULES AND REGULATIONS.**



**CITY ORDINANCE NO. 2019-A-016**  
 Authors: Hon. D.B. Almario, Hon. M.D.M. Arayon, Hon. M.J.P.Q. Arenas, Hon. B.B. Baniqued, Hon. A.J. Cruz, Hon. V.V. Hilario, Jr., Hon. L.S. Javier, Jr., Hon. A.P. Padilla, Hon. R.A.Q. Saguisag, Jr., Hon. K.T. Sarosa, Hon. J.C. Villena IV, Hon. A.A.M. Yabut and Hon. R.C. San Pedro, Jr.

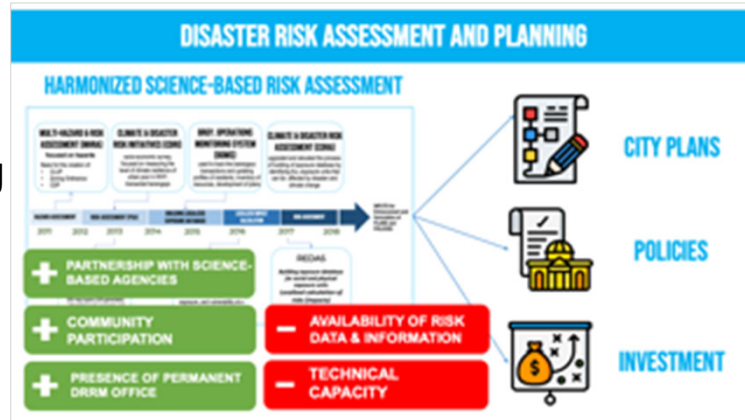
Co-Authors: Hon. S.C. Aspillaga, Hon. I.S. Cruzado, Hon. T.C.T. Puno-Ramos and Hon. M.F. Vitales

**AN ORDINANCE ADOPTING MAKATI DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL (MAKATI DRRMC) RESOLUTION NO. 2019-06 SERIES OF 2019 (RECOMMENDING THE ADOPTION OF PUBLIC SERVICE CONTINUITY AS A CITY POLICY), SUBJECT TO ALL LAWS AND EXISTING LEGAL RULES AND REGULATIONS.**

# SErr four priorities FOR ACTION

1

# Understanding Risk



2

## Strengthening Disaster Risk Governance



# 3

## Investing in DRR



4

Enhancing disaster preparedness for effective response, and to "Building Back Better" in recovery, rehabilitation and reconstruction.



DRR x CCA x soc





# THANK YOU!



makatidrrmo@gmail.com  
rnp.makatidrrm@gmail.com

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@Mayora\_Abby



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