

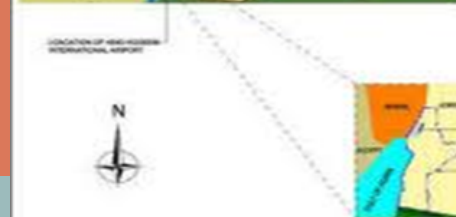
# Testing the Drafted New Set of Local Urban Indicators in the City of Aqaba

*Feed Back and Out puts of the Aqaba<sup>1</sup> workshop  
Presented By Eng. Khaled R Abuaishah  
Urban Resilience Expert Meeting  
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# The City of Aqaba

- Located at the northern tip of the Gulf of Aqaba
- Jordan's only outlet and sea port to the open sea
- In 2001 the city was transferred into a Special Economic Zone namely after (ASEZ)





## THE VISION

The Aqaba Special Economic Zone is a world class Red Sea business hub and leisure destination enhancing the quality of life and prosperity of the region and a driving force for the economic growth of Jordan.”



### The Mission

- To improve the quality of life for all community members
- To create, regulate and sustain a globally competitive investor friendly environment
- To optimize the efficient utilization of entrusted resources in harmony with the Master Plan to internationally recognized practices
- To effect a transparent and accountable corporate structure, governance and culture that synergizes the activities of the ASEZA team.



## VALUES

**ASEZA values its staff, citizens, investors and environment**

## Hazards profile

Earthquakes

Flashfloods

Sandstorms

Technological hazards



# Why DRR in the city of Aqaba ?

- Protecting investments
- Minimizing losses and damages form Hazards
- Building local capacity
- Build back better during recovery





## The Aqaba Workshop

The aim of the workshop was to test the new drafted set of local urban indicators and address the gaps to make the City of Aqaba more resilient to disasters, also to investigate the clarity, relevance and usability of such indicators at the local level among the key stakeholders from the city of Aqaba



➤ It was a unique opportunity for the participants in challenging their city's capacity in DRR, as well as a tool for UNISDER and its partner ASEZA to set the way forward in the best and most suitable Urban indicators for the Arab States, since a few local governments around the world are testing and applying these indicators as of December 2015.

## The proposed new Ten Essentials

- Organize for disaster resilience.
- Identify, understand and use current and future risk scenarios
- Strengthen financial capacity for resilience
- Pursue resilient urban development and design
- Safeguard natural buffers to enhance the protective functions offered by natural ecosystems
- Strengthen institutional capacity for resilience
- Understand and strengthen societal capacity for resilience
- Increase infrastructure resilience
- Ensure effective disaster response
- Expedite recovery and build back better

## The Consultation and Testing Methodology:

Testing the local urban indicators for essentials 1-5 on the city of Aqaba with an aim to measure its Characteristics and elements of resilience that enable it to withstand or recover based on the local urban indicators (layer 1 and 2)

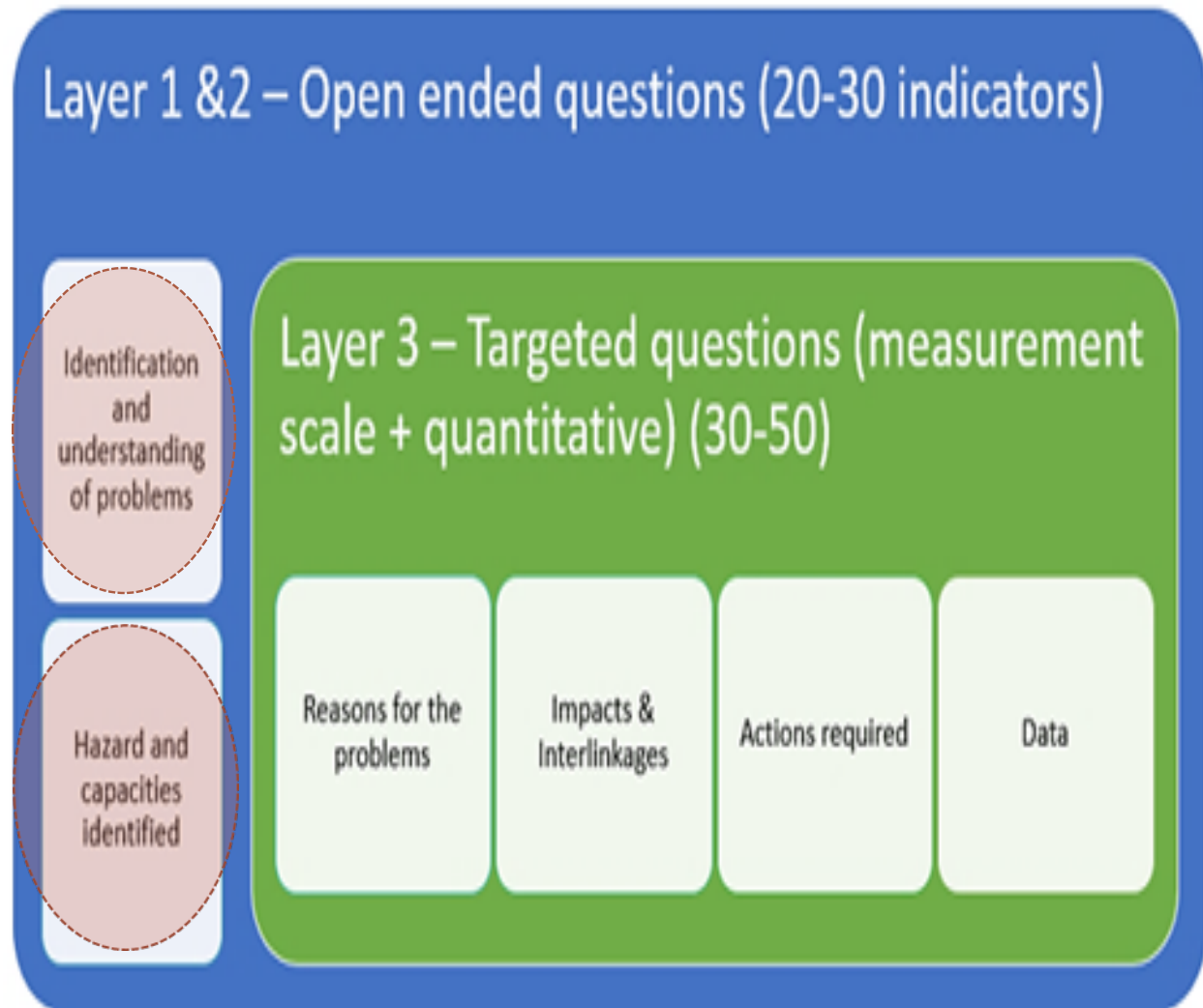
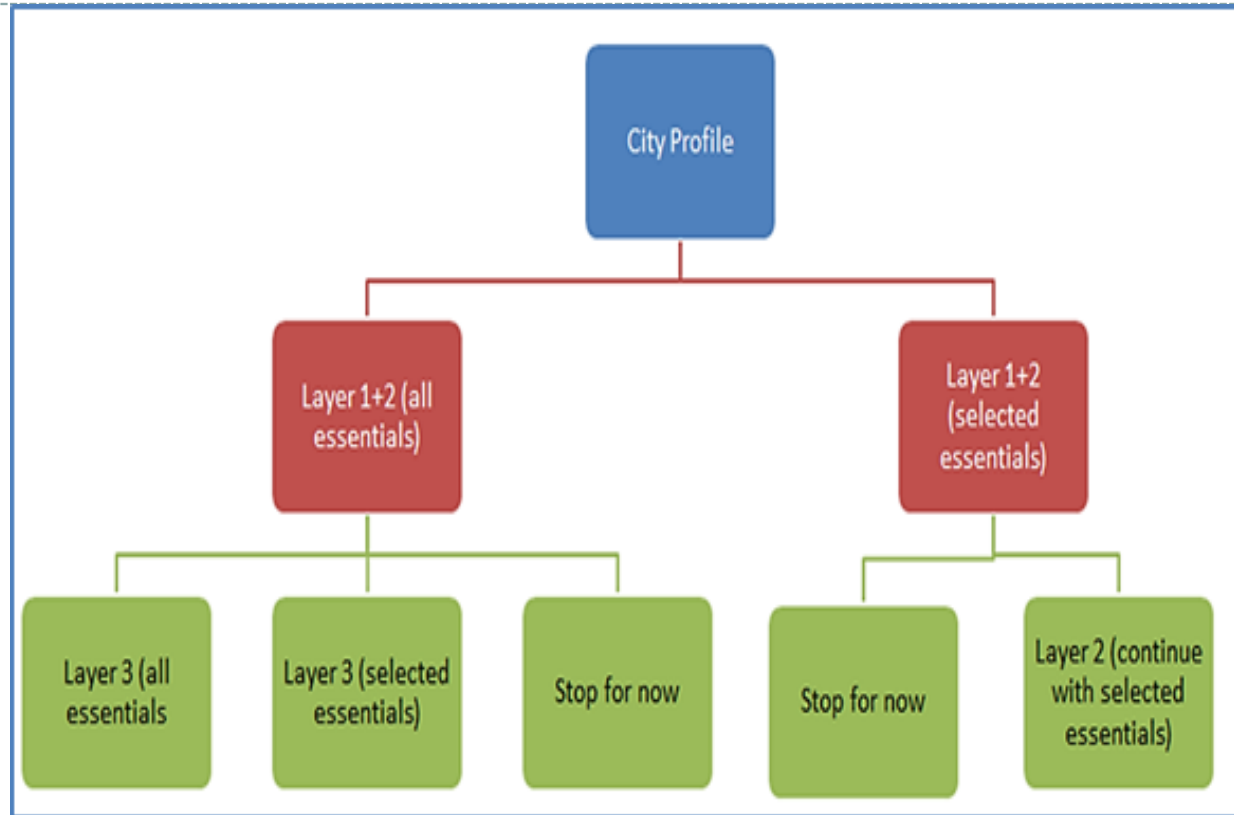


Figure 1: Ten essential indicators - Framework



## the Proposed architecture



- At the opening session :
- Objectives, expected outcomes and participants' Introduction
- Introduction to HFA -> Sendai Framework and the Making Cities Resilient campaign
- Review of current DRR monitoring in the city of Aqaba - what indicators, data and collection mechanisms are already available
- Experience of using LG-SAT ( The Aqaba report Disaster Risk Reduction)
- Then :
- Presentation on Jordan DRR Profile with focus on Aqaba Hazard profile

Participants were asked to follow the matrix below to indicate each essential indicator and sub-indicators, and range it from 1-5. And the average result were as follows:

Essential-#	Clarity	Relevance	Use
Essential-1	4	4	3
Essential-2	3	4	3
Essential-3	5	4	4
Essential-4	5	4	4
Essential-5	4	4	4
Essential-6	4	4	4
Essential-7	4	3	3
Essential-8	4	4	4
Essential-9	4	3	4
Essential-10	3	3	3



- In conclusion
  - **The testing process of the local urban indicators revealed that the City of Aqaba is on the right track when its DRM is tested against the ten Essential for Urban Resilience**
  - **this mean that DRR is practiced at the local level and the tools and principals applied to a great extent**
  - **However, measuring Urban Disaster Resilience as a full integrated inclusive system is still yet to be realized and more is**
- Needed to achieve urban resiliency in terms of :-**
- **Vulnerability assessment , Diverse livelihoods and employment , Effective safeguards to human health and life , Comprehensive security and rule of law , Sustainable economy , Effective provision of critical services Etc. ( City Resilience Framework)**



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## THANK YOU FOR YOUR ATTENTION

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Sources : [www.dlr.de/eov/en](http://www.dlr.de/eov/en)

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