



# **RESILIENT CITY FRAMEWORK FOR MELAKA HISTORIC CITY COUNCIL**

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# 100 RESILIENT CITIES PROGRAM

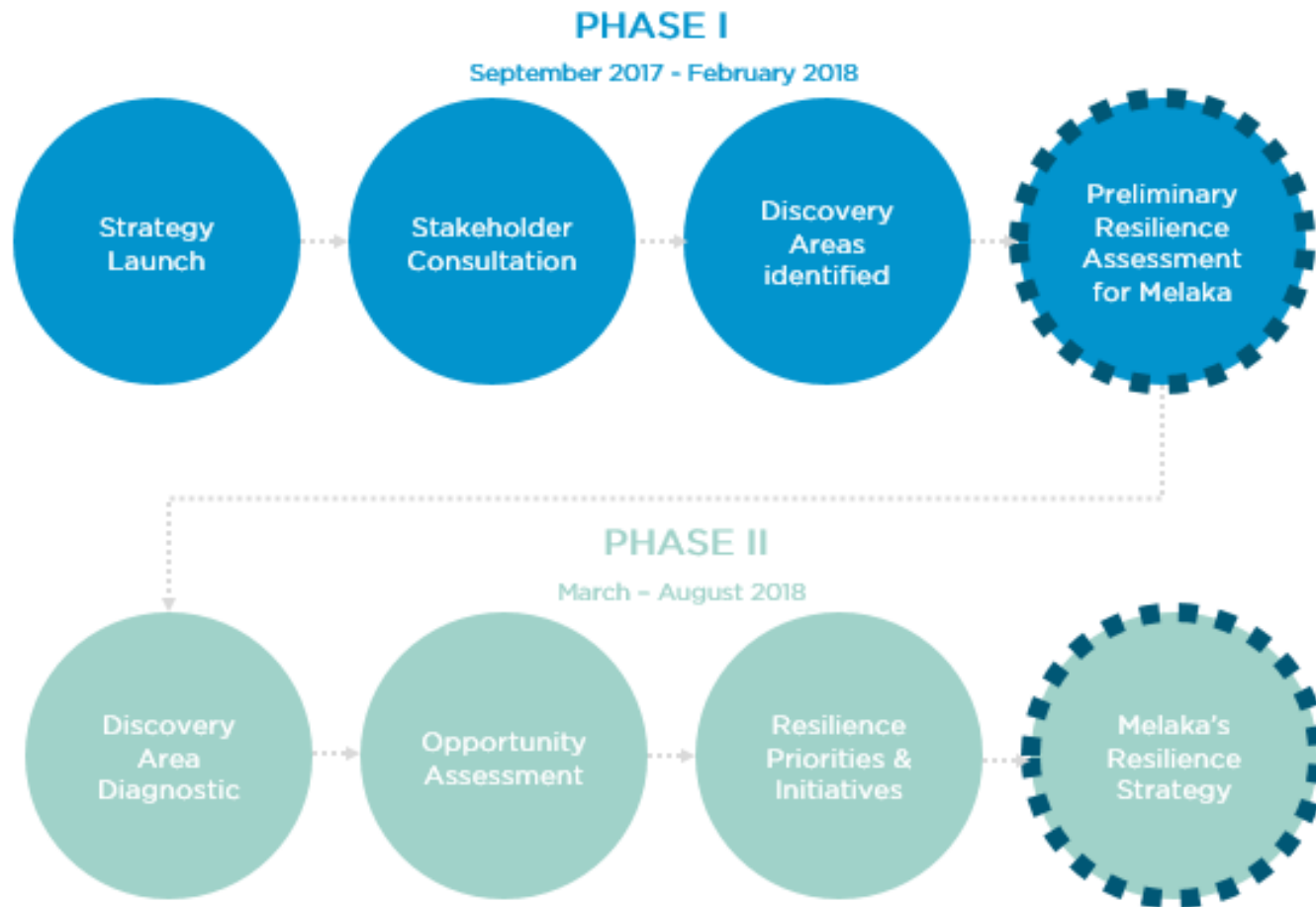
PIONEERED BY THE  
ROCKEFELLER FOUNDATION



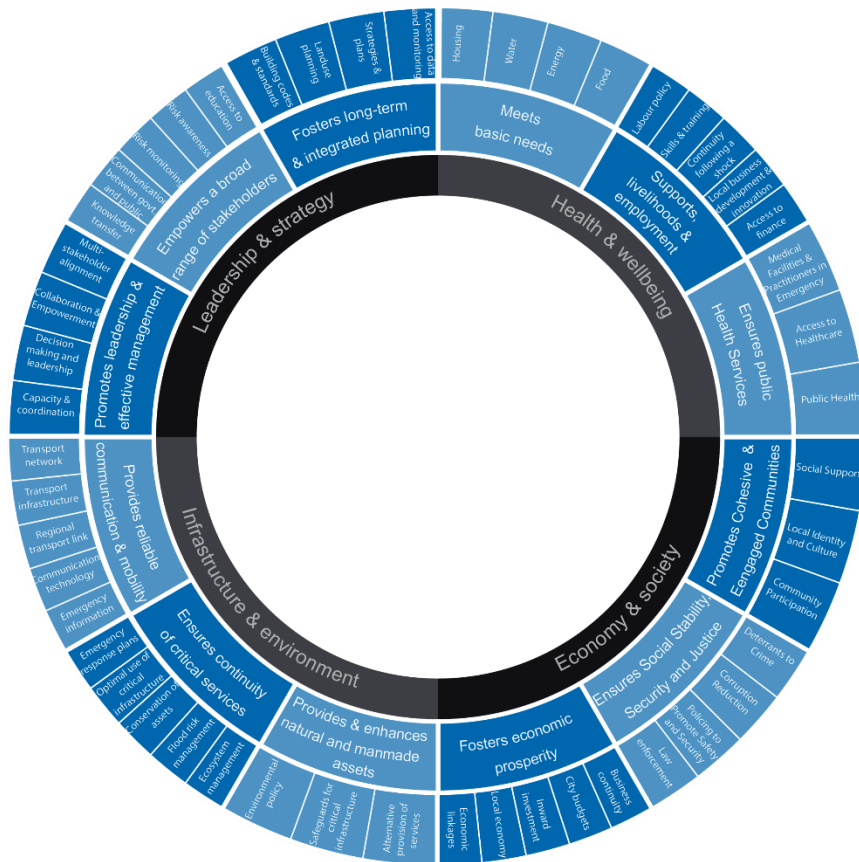
Melaka Historic City Council (MBMB) selected to join **100 Resilient Cities (100RC) Global Network** in May 2016. MBMB currently is the only city council in Malaysia participating in this program.

100RC program is founded by the **Rockefeller Foundation** and dedicated to help cities around the world become more resilient to the physical, social and economic challenges that are a growing part of the 21st century.

# RESILIENT MELAKA JOURNEY



# THE CITY RESILIENT FRAMEWORK (CRF)



100RC has developed a complex City Resilient Framework, it comprises of;

- **4 Dimensions**
- **12 Drivers**
- **(based on) 7 Qualities**

# THE CITY RESILIENT FRAMEWORK (CRF)

## **Leadership & Strategy**

*The processes that promote effective leadership, inclusive decision-making, empowered stakeholders, and integrated planning.*

- Promote Leadership and Effective Management
- Empower a Broad Range of Stakeholders
- Foster Long-Term and Integrated Planning

## **Health & Wellbeing**

*Everyone living and working in the city has access to what they need to survive and thrive.*

- Meets Basic Needs
- Supports Livelihoods and Employment
- Ensures Public Health Services

# THE CITY RESILIENT FRAMEWORK (CRF)

## **Economy & Society**

*The social & financial systems that enable urban populations to live peacefully, and act collectively.*

- Promote Cohesive and Engaged Communities
- Ensure Social Stability, Security, and Justice
- Foster Economic Prosperity

## **Infrastructure & Environment**

*The man-made and natural systems that provide critical services, protect, and connect urban assets enabling the flow of goods, services, and knowledge.*

- Provide and Enhances Protective Natural and Man-Made Assets
- Ensure Continuity of Critical Services
- Provide Reliable Communication and Mobility

# INITIAL AREAS OF STUDIES

Traffic &  
Public  
Transport

Water  
Manage-  
-ment

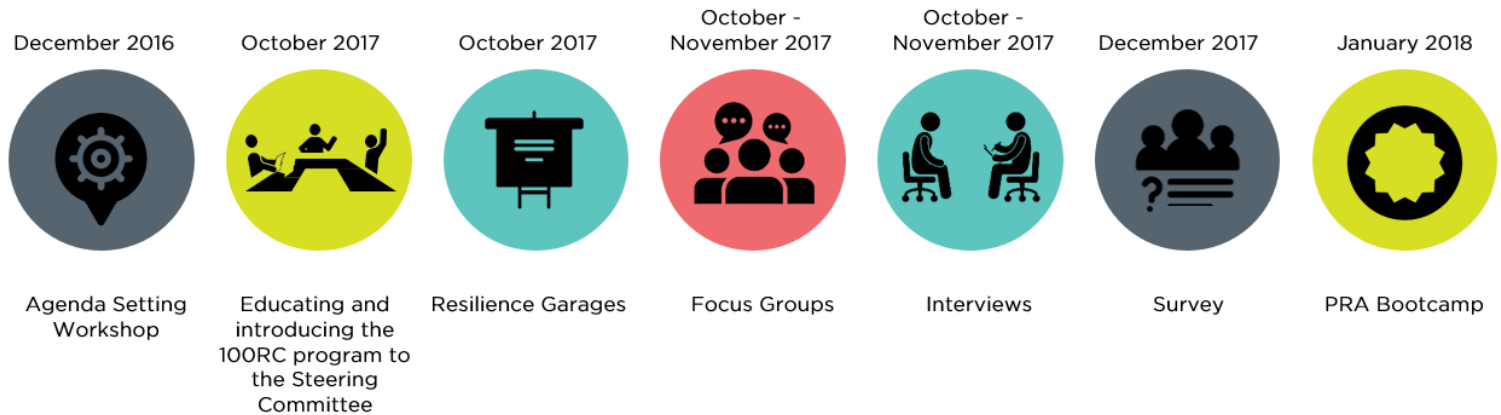
UNESCO  
World  
Heritage  
Site

Public  
Health



# ENGAGEMENTS

## STAKEHOLDER ENGAGEMENT PLAN





# CRF FUNCTION

- It is an essential tool to help understand “drivers” that can contribute to the development of resilience values in the city.
- In the process, CRF becomes a lens to diagnose the gaps between action and perception in the city and increase cities capabilities and opportunity to grow better.

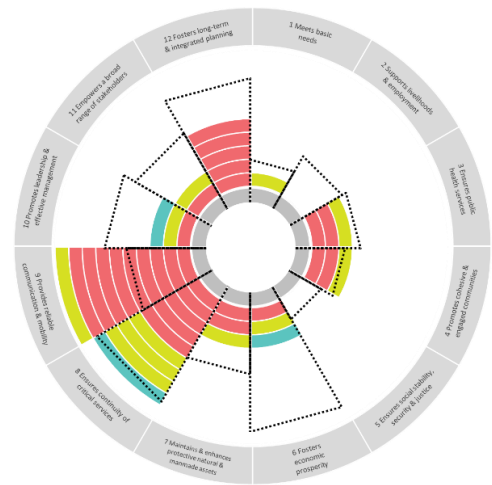
**Action**



**Issues**



**The Gap**



# DISCOVERY AREAS

Understanding  
the role of  
**improved  
infrastructure** in  
**health** and  
**quality of life**  
outcomes

Addressing the  
**intra-  
governmental  
challenges** and  
opportunities of  
**mega-projects**

Taking a more  
integrated  
**approach to  
land use** and  
**transportation**  
planning

Managing the  
transition from  
**heritage**  
designation to a  
coherent **visitor  
economy**

# RESILIENCE QUALITIES

A) The ability to learn from the past and act in times of crisis.



## **REFLECTIVE**

Using past experience to inform future decisions



## **RESOURCEFUL**

Recognizing alternative ways to use resources

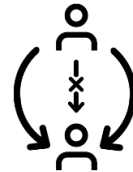
# RESILIENCE QUALITIES

**B)** Qualities that help to conceive systems and assets that can withstand shocks and stresses as well as the willingness to use alternative strategies to facilitate rapid recovery.



## **ROBUST**

Well-conceived, constructed and managed systems



## **FLEXIBLE**

Willingness and ability to adopt alternative strategies in response to changing circumstances

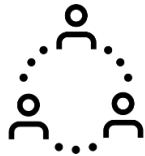


## **REDUNDANT**

Spare capacity purposively created to accommodate disruption

# RESILIENCE QUALITIES

**C)** The processes of good governance and effective leadership that ensure investments and actions are appropriate, address the needs of the most vulnerable and collectively create a resilient city – for everyone.



## **INCLUSIVE**

Prioritizing broad consultation to create shared ownership in decision-making



## **INTEGRATED**

Bringing together a range of distinct systems and institutions

# RESILIENCE LENS

Does this proposed plan or action :



... approach risks and vulnerabilities in an integrated (cross sector) and comprehensive way (using the 100RC City Resilience Framework)?



... consider impacts of multiple shocks and stresses identified through a broad risk and hazard assessment?



... incorporate the relevant qualities of resilience



... aim for broadly equitable outcomes?



... Leverage the ability and capacities of a broad group of stakeholders?



... Take into consideration cross-jurisdictional implications (i.e., intercity/regional/national)?



... mengambil kira implikasi dari berbilang bidang kuasa yang berkaitan?

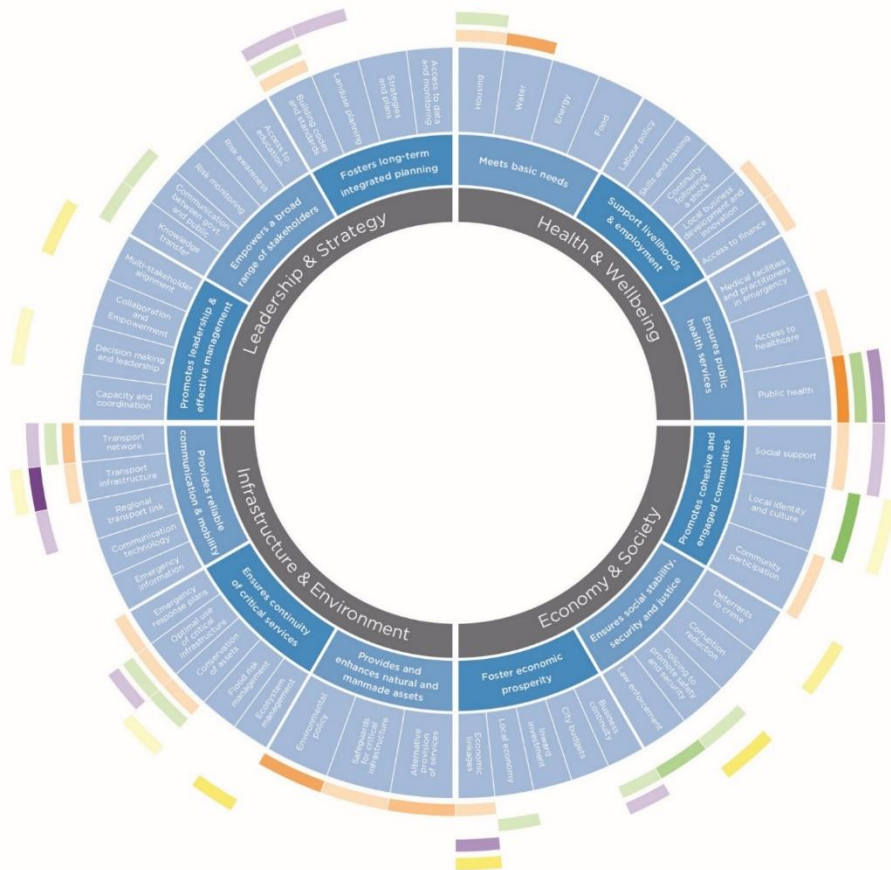


# RESILIENT DIVIDEND



Applying a resilience lens leads to better designed projects and policies that address multiple challenges at one time, improving services and saving resources. This is known as the resilience dividend — the net social, economic and physical benefits achieved when designing initiatives and projects in a forward looking, risk aware, inclusive and integrated way.

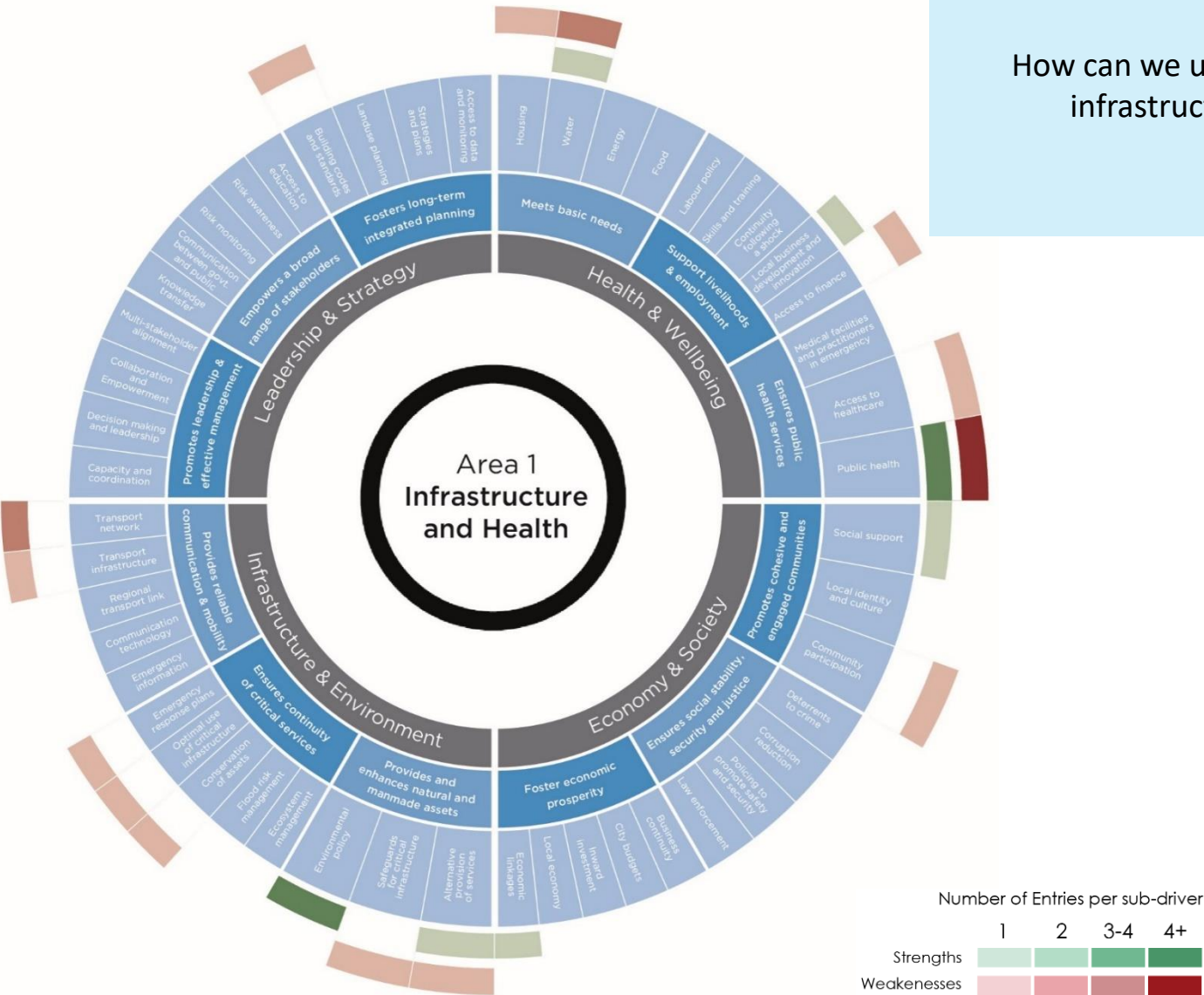
# ENTRIES PER SUB-DRIVER FROM ENGAGEMENTS



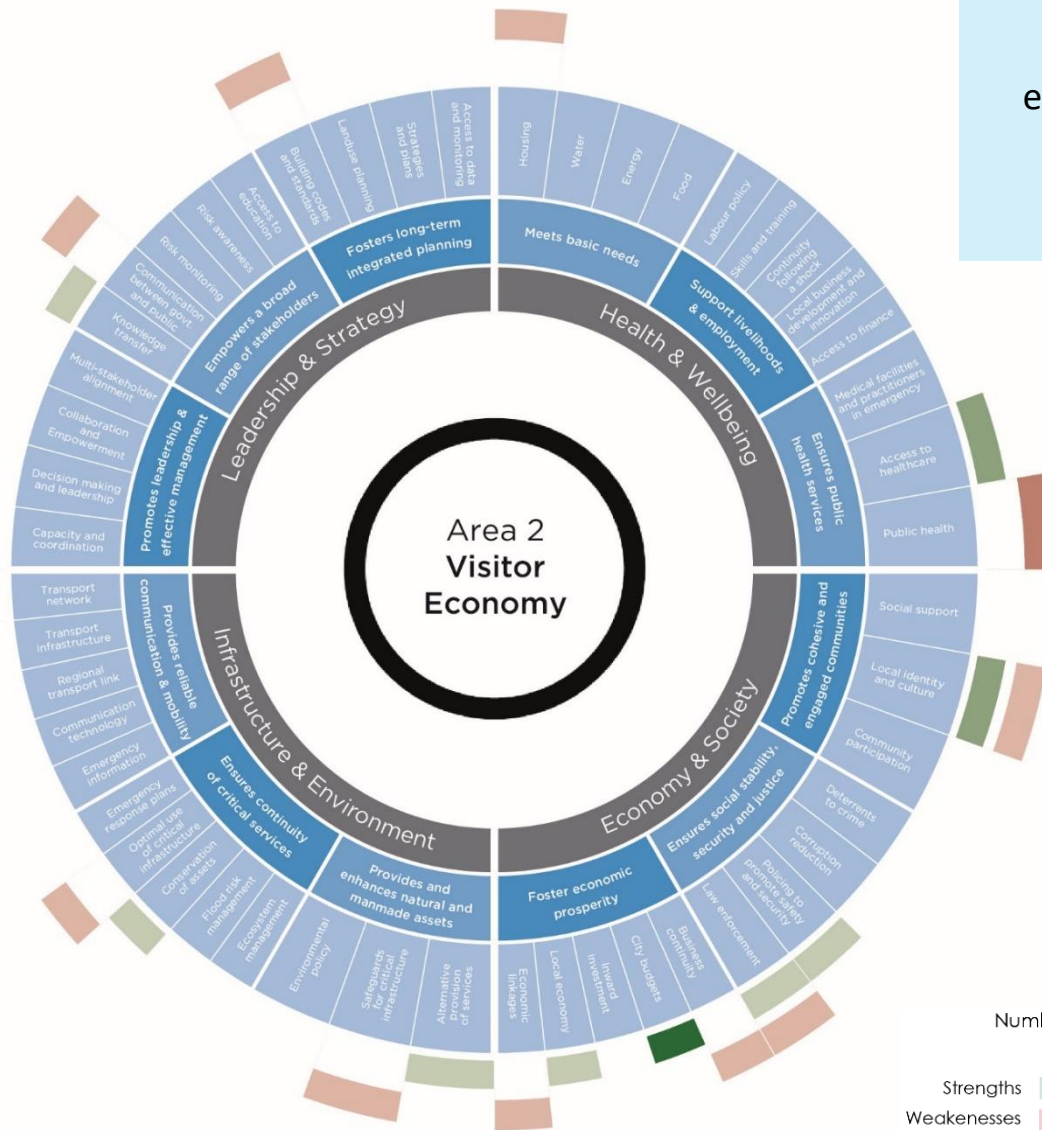
Number of Entries per sub-driver and Discovery Area

	1	2	3-4	4+
DA 1				
DA 2				
DA 3				
DA 4				

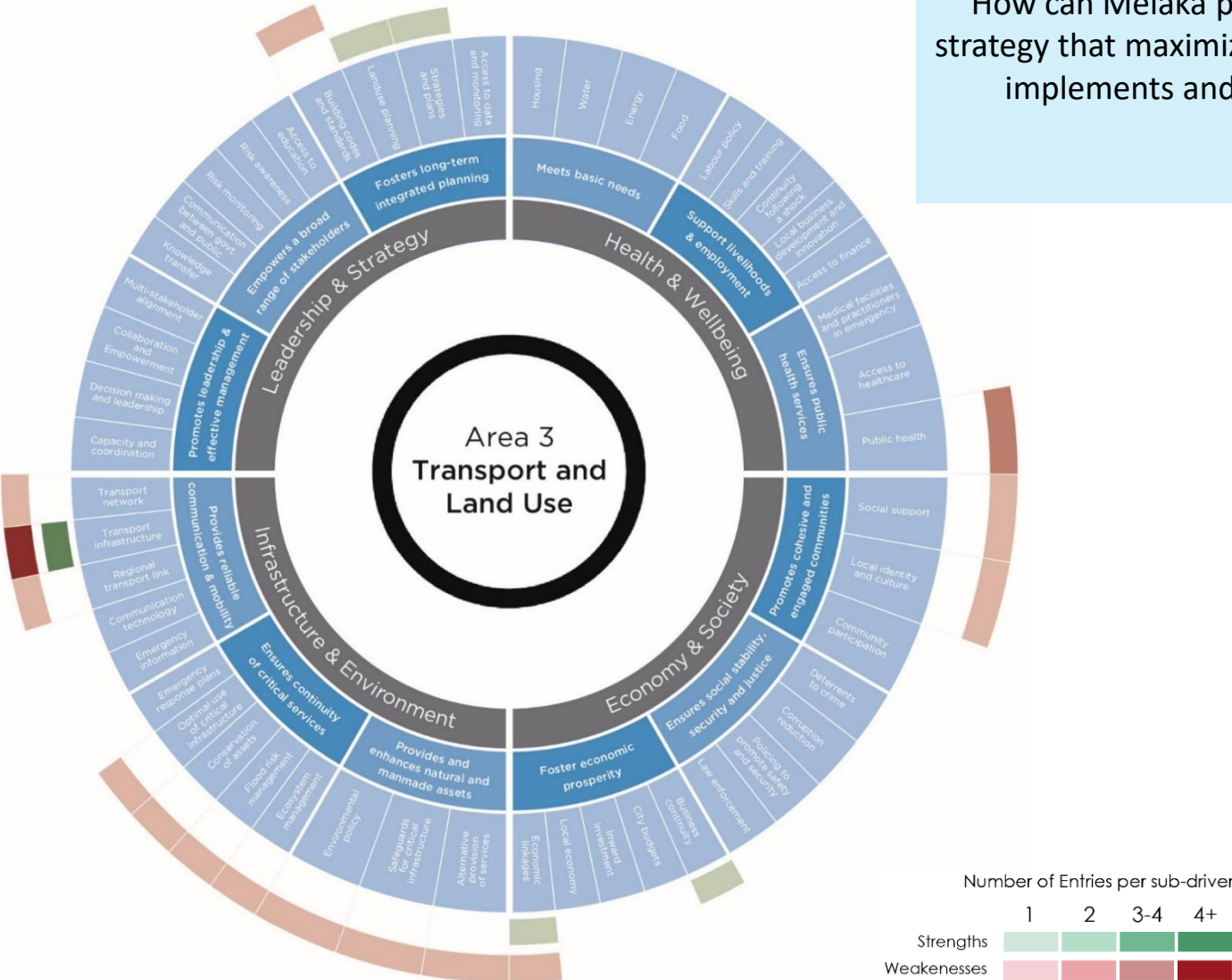
How can we understand the role of improved infrastructure in health and quality of life outcomes?



How can Melaka leverage visitor economy to enhance its citizens' quality of life and preserve its living heritage?

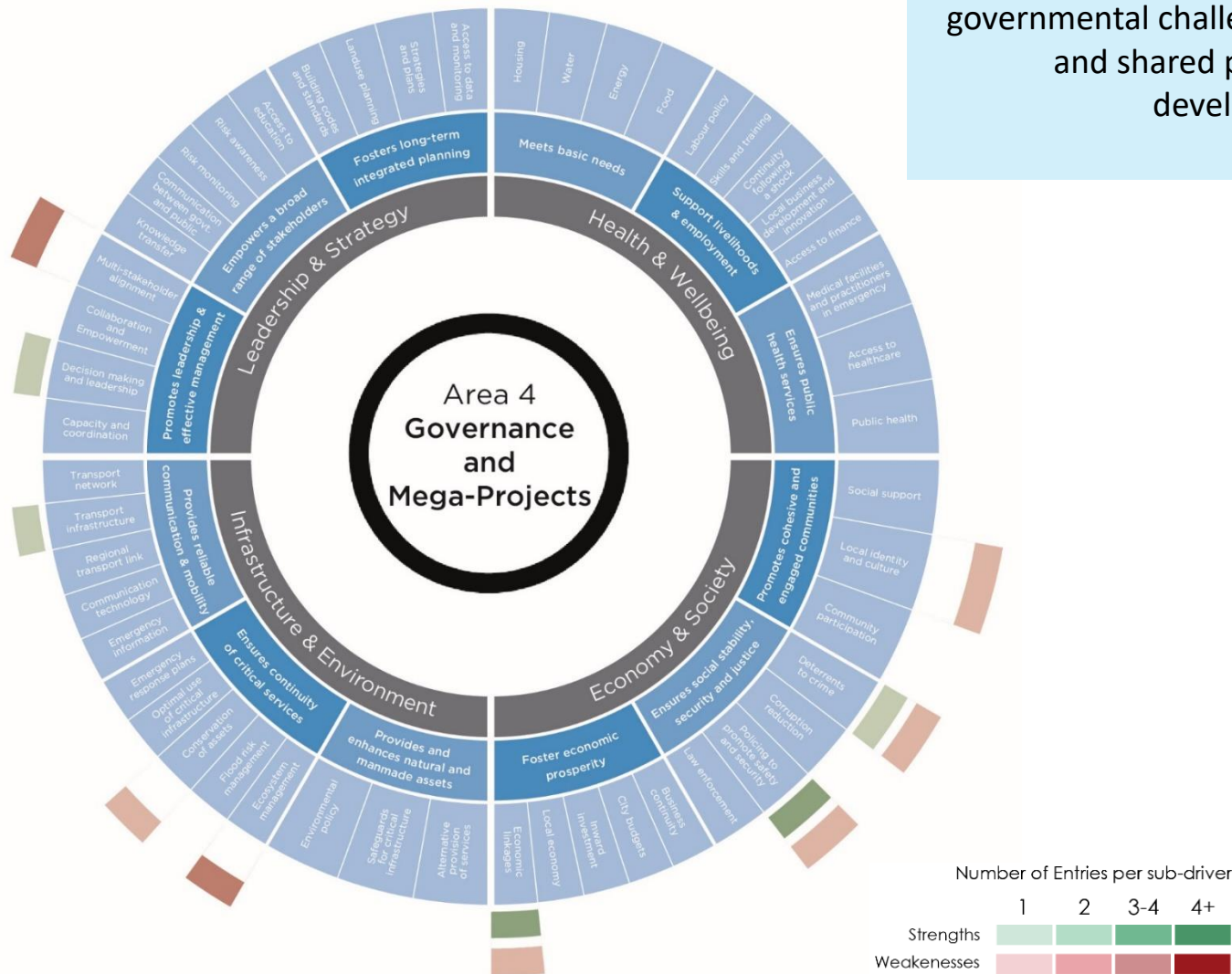


How can Melaka plan for a integrated transport strategy that maximizes the potential of TODs and implements and efficient and effective public transport system?





How can the Melaka address the inter-governmental challenges to shape a coordinated and shared plan for the City's growth and development in the next decades?





# WAY FORWARD

- Use the findings as a feedback to agencies on their planning and development projects and increase the resilience value in it.
- Use the findings as a supporting evidences to convince the decision maker in the city (ie. Mayor, Councilors, Politicians...) in choosing the best solutions and options that increase the urban resiliency in the city.
- To ensure Resilient Melaka framework and strategies gets buy in, we are now work closely with MBMB Planning Department to incorporate and putting Resilient Agenda in MBMB Local Plan.