



ASEAN
AUSTRALIA
SMART CITIES
TRUST FUND
Asian Development Bank



Australian Government
Department of Foreign Affairs and Trade

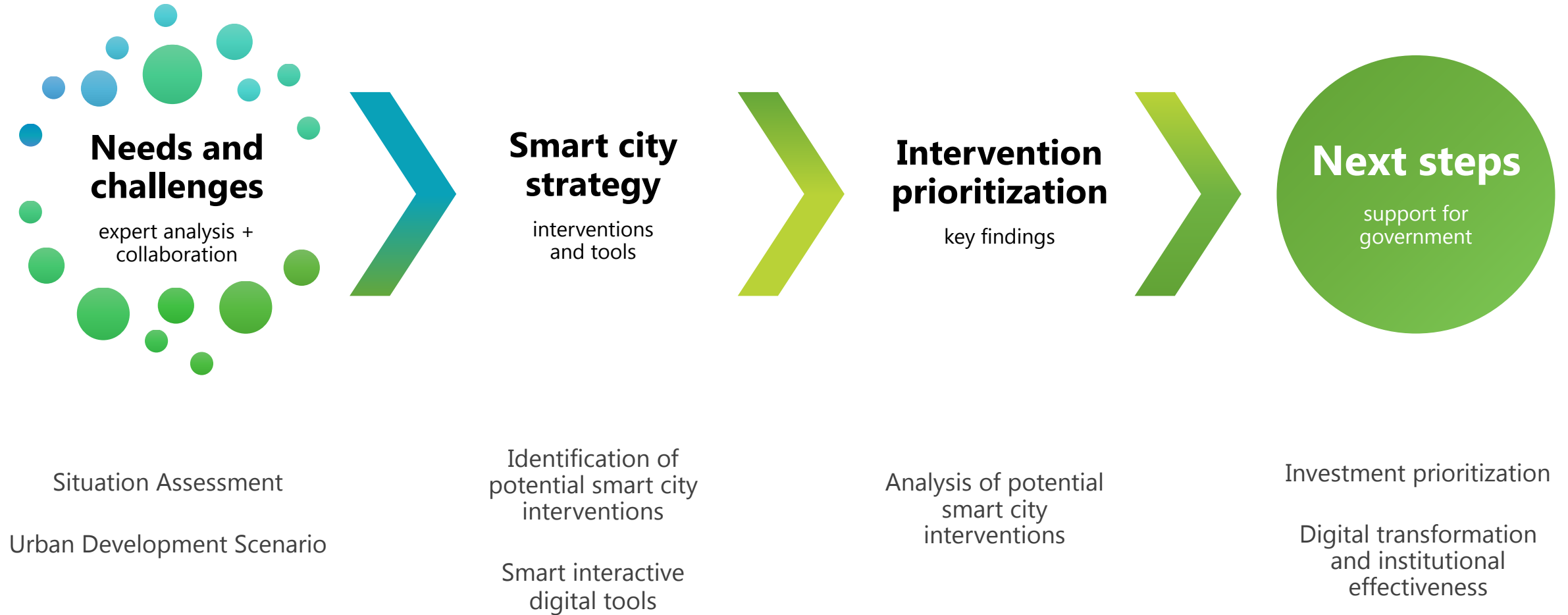
Rencana Kota Layak Huni yang Cerdas dan Interaktif untuk Kota Makassar

A Smart and Interactive Livable City Plan for the City of Makassar

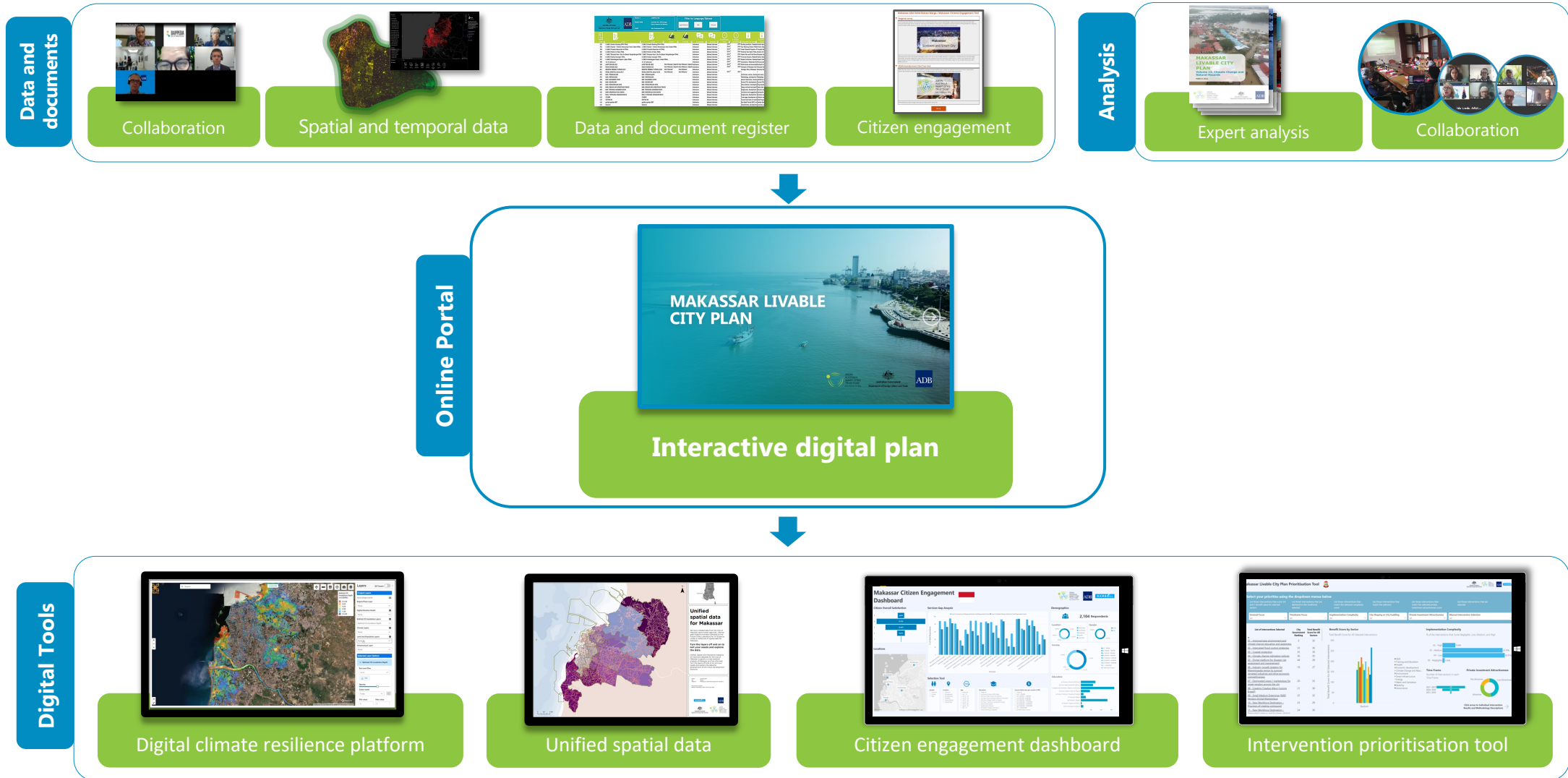


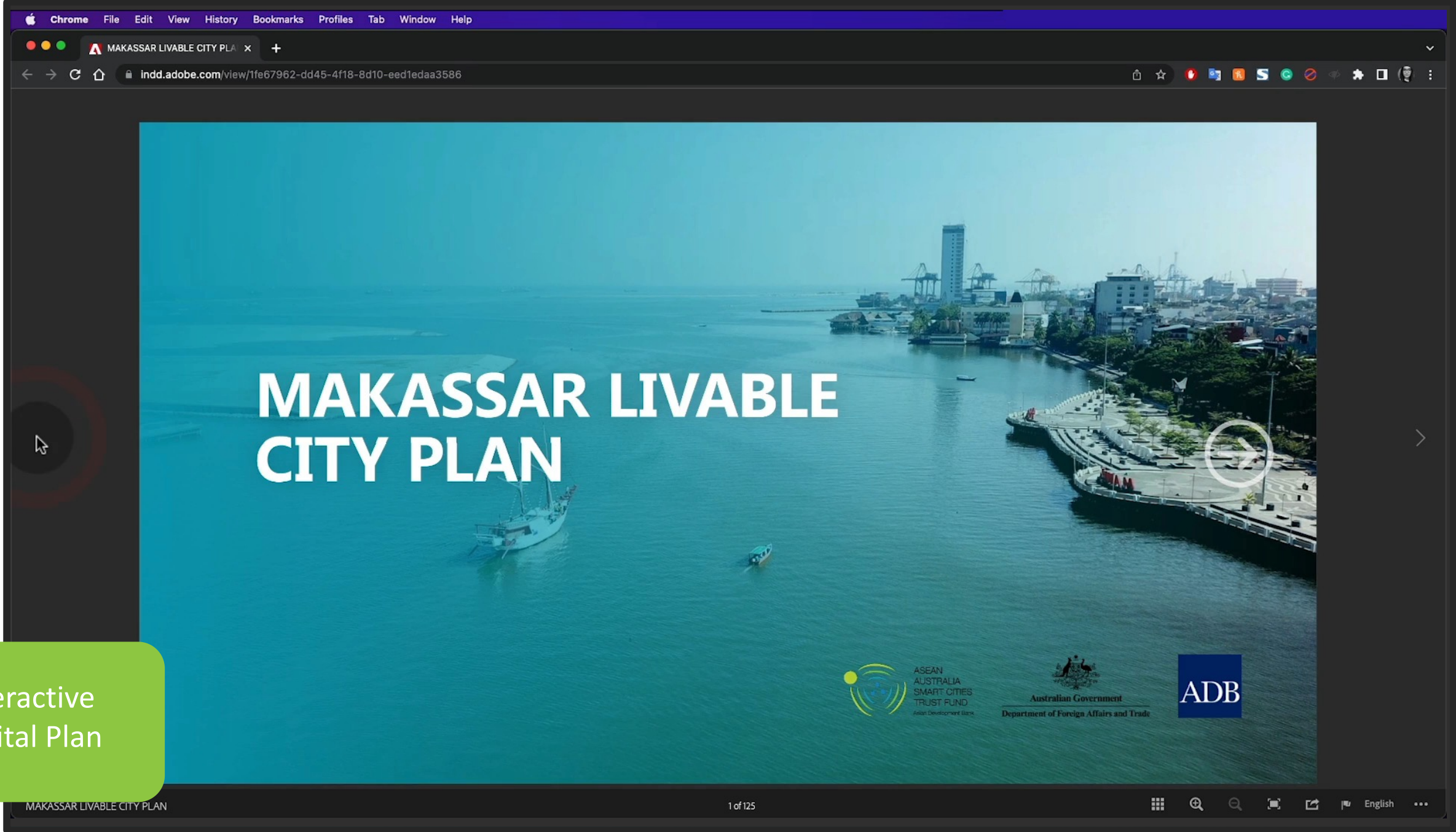


Approach: A digital tool rather than a plan



Makassar Livable City Plan



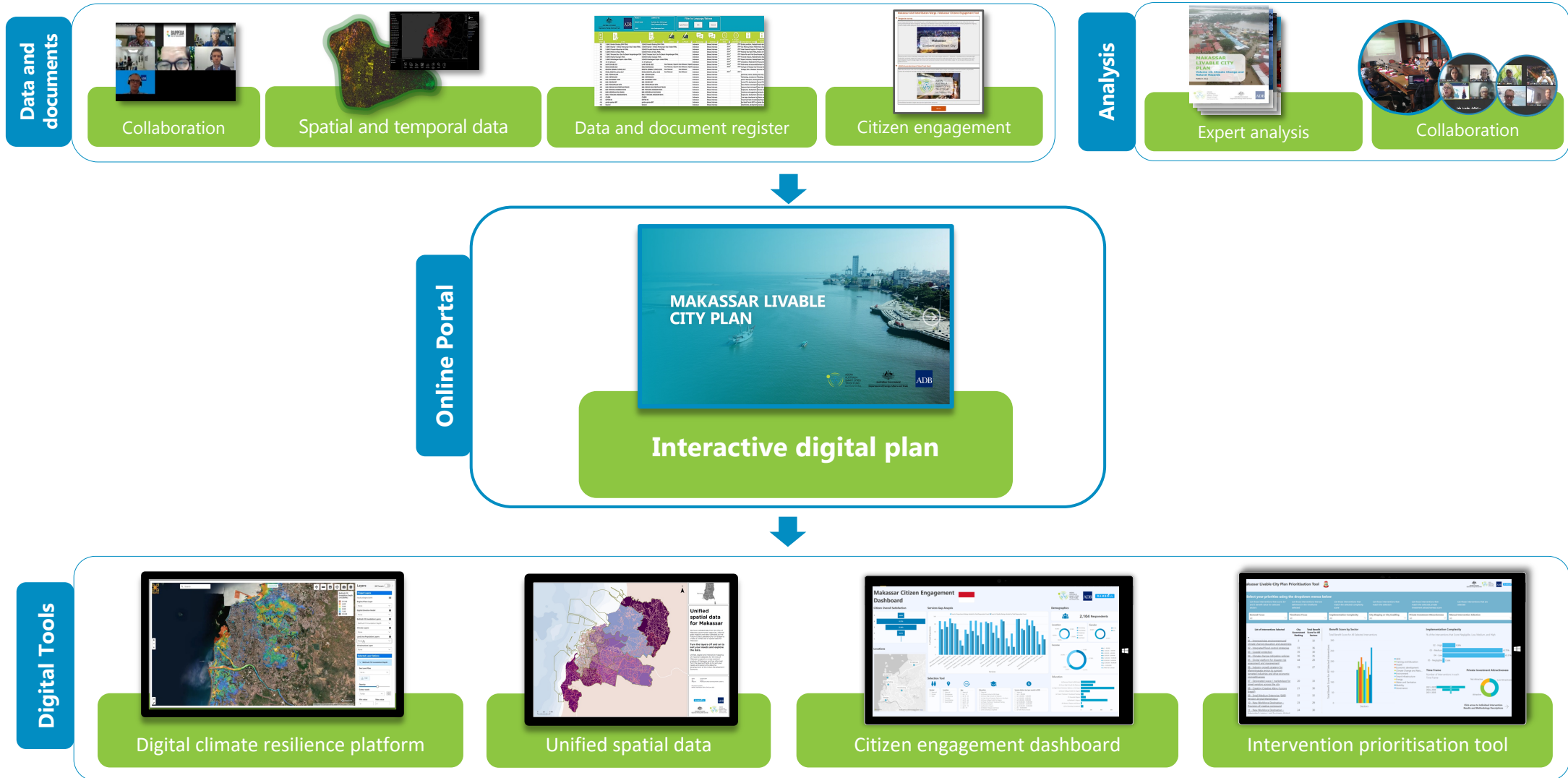


MAKASSAR LIVABLE CITY PLAN

Interactive Digital Plan



Makassar Livable City Plan



Makassar Livable City Plan Prioritisation Tool



Select your priorities using the dropdown menus below

List those interventions that score 3,4 and 5 benefit value for selected sectors

List those interventions that are delivered in the timeframe selected

List those interventions that match the selected complexity score

List those interventions that match the selection

List those interventions that match the selected private investment attractiveness score

List those interventions that are selected

Sectoral Focus

All

Timeframe Focus

All

Implementation Complexity

All

City Shaping or City Enabling

All

Private Investment Attractiveness

All

Manual Intervention Selection

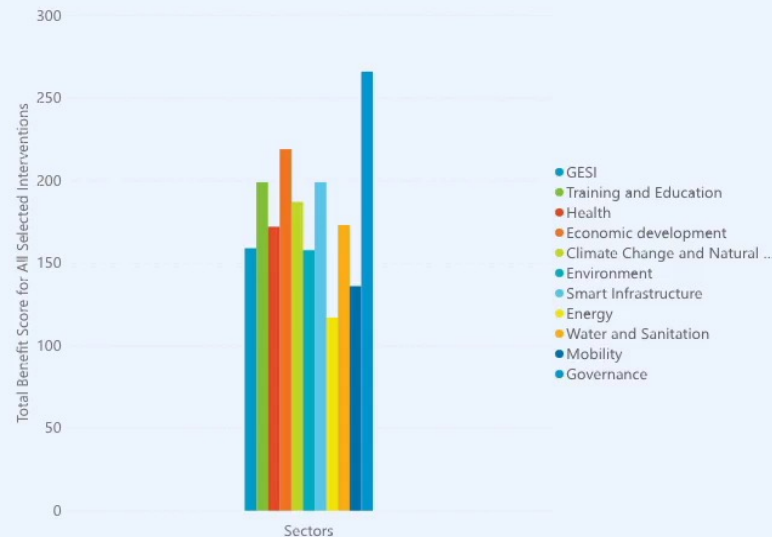
All

List of Interventions Selected

| Intervention | City Government Ranking | Total Benefit Score for All Sectors |
|--|-------------------------|-------------------------------------|
| 01 - Improve/raise environment and climate change education and awareness | 2 | 32 |
| 02 - Integrated flood control strategies | 33 | 36 |
| 03 - Coastal protection | 35 | 30 |
| 04 - Climate change mitigation policies | 36 | 35 |
| 05 - Digital platform for disaster risk assessment and management | 44 | 28 |
| 06 - Industry growth strategy for Mamminasata region to support targeted industries and drive economic competitiveness | 19 | 27 |
| 07 - Designated space / marketplace for street vendors across the city | 20 | 33 |
| 08 - Creating Creative Alleys (Lorong Kreatif) | 21 | 30 |
| 09 - Small Medium Enterprise (SME) Vendors Digital Marketplace | 22 | 32 |
| 10 - New Workforce Destination - Provision of creative compound | 23 | 29 |
| 11 - New Workforce Destination - Integrated | 24 | 30 |
| | 1 | 33 |
| | 32 | 32 |
| | 33 | 29 |

Benefit Score by Sector

Total Benefit Score for All Selected Interventions



Implementation Complexity

% of the Interventions that Score Negligible, Low, Medium, and High



Time Frame

Number of Interventions in each Time Frame



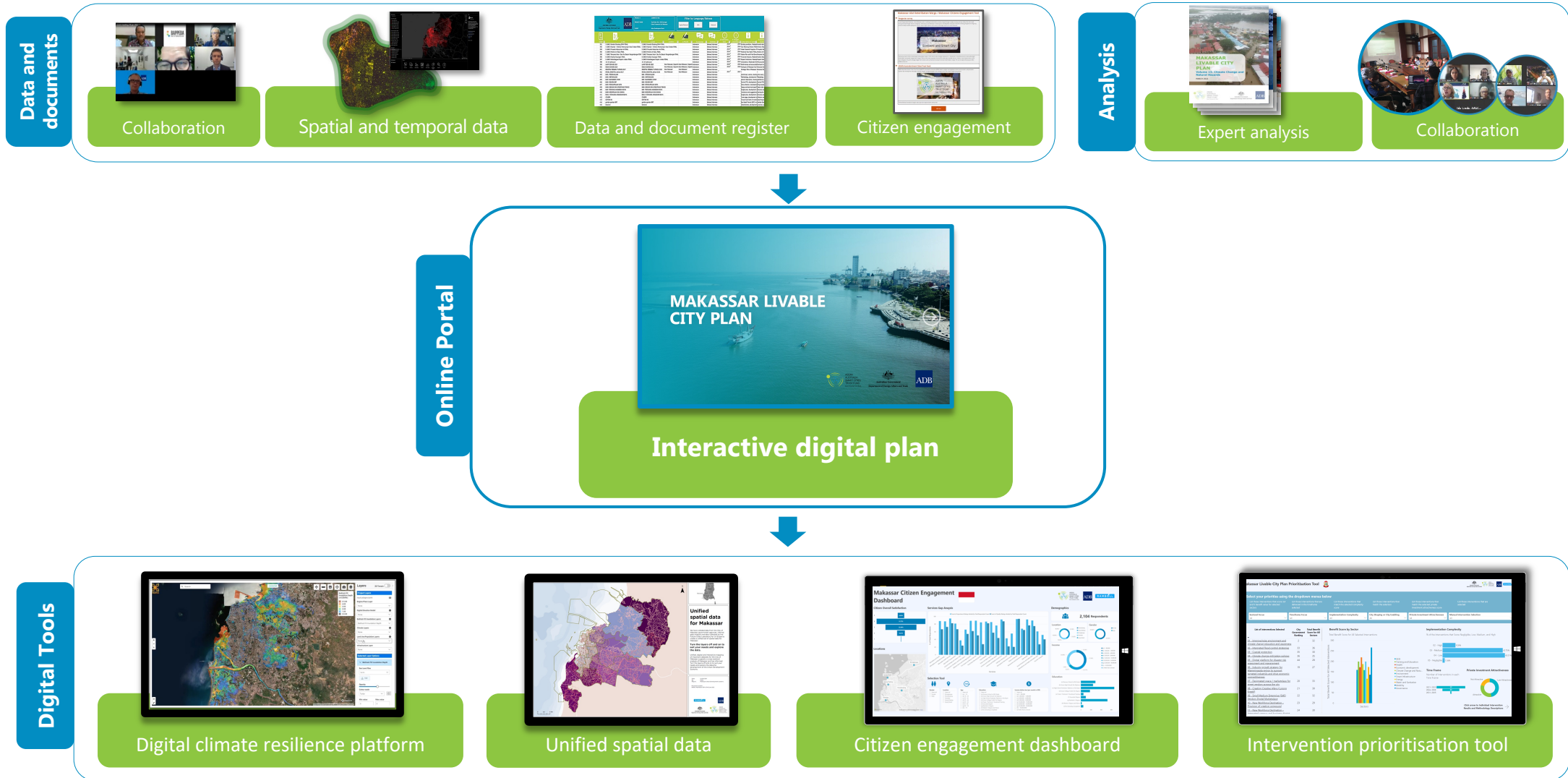
Private Investment Attractiveness



Click arrow to Individual Intervention Results and Methodology Descriptions →

Digital tool for prioritizing smart and livable city interventions

Makassar Livable City Plan



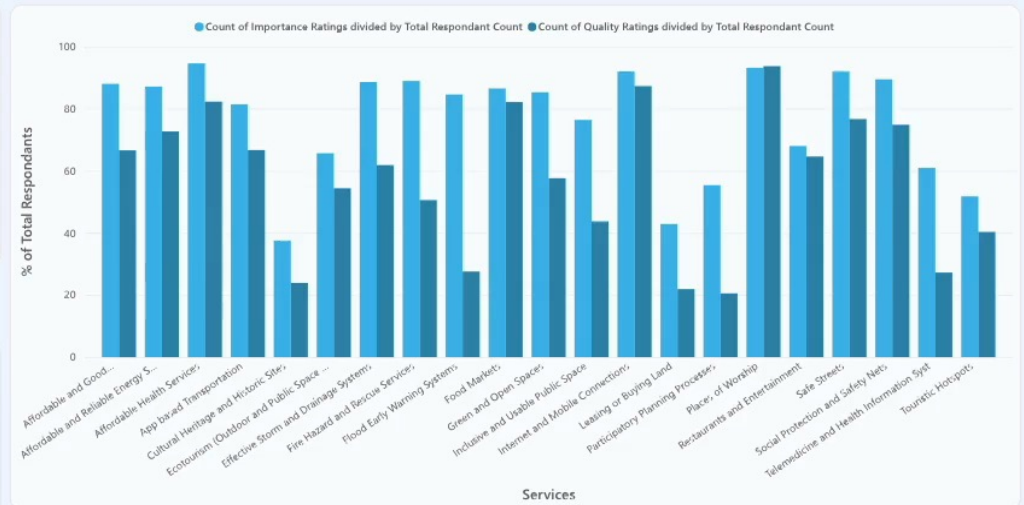
Makassar Citizen Engagement Dashboard



Citizen Overall Satisfaction



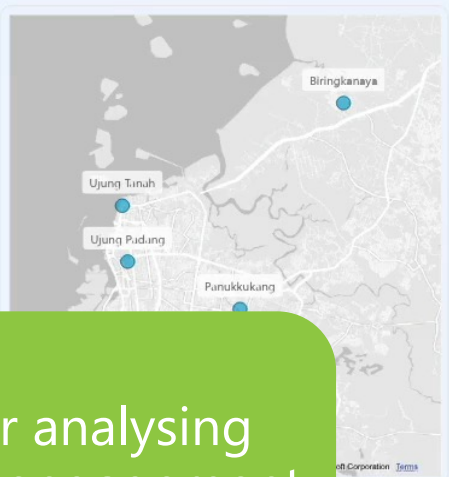
Services Gap Analysis



Demographics



Locations



Selection Tool

Gender

 Select all
 Female
 Male

Location

 Select all
 Biringkanaya
 Panukkukang
 Tamalate
 Ujung Padang
 Ujung Tanah

Age

 Select all
 (a) < 18
 (b) 18 - 24
 (c) 25 - 34
 (d) 35 - 44
 (e) 45 - 54
 (f) 55 - 64
 (g) 65 - 74
 (h) > 75

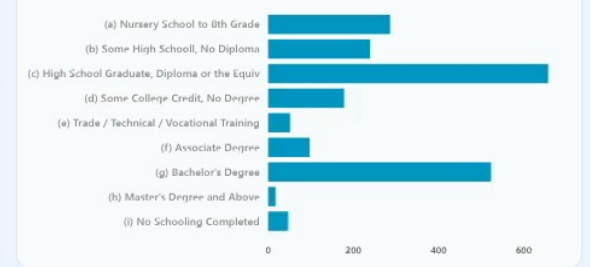
Education

 Select all
 (a) Nursery School to 8th Grade
 (b) Some High School, No Diploma
 (c) High School Graduate, Diploma or the Equiv
 (d) Some College Credit, No Degree
 (e) Trade / Technical / Vocational Training
 (f) Associate Degree
 (g) Bachelor's Degree
 (h) Master's Degree and Above
 (i) No Schooling Completed

Income before tax (per month in IDR)

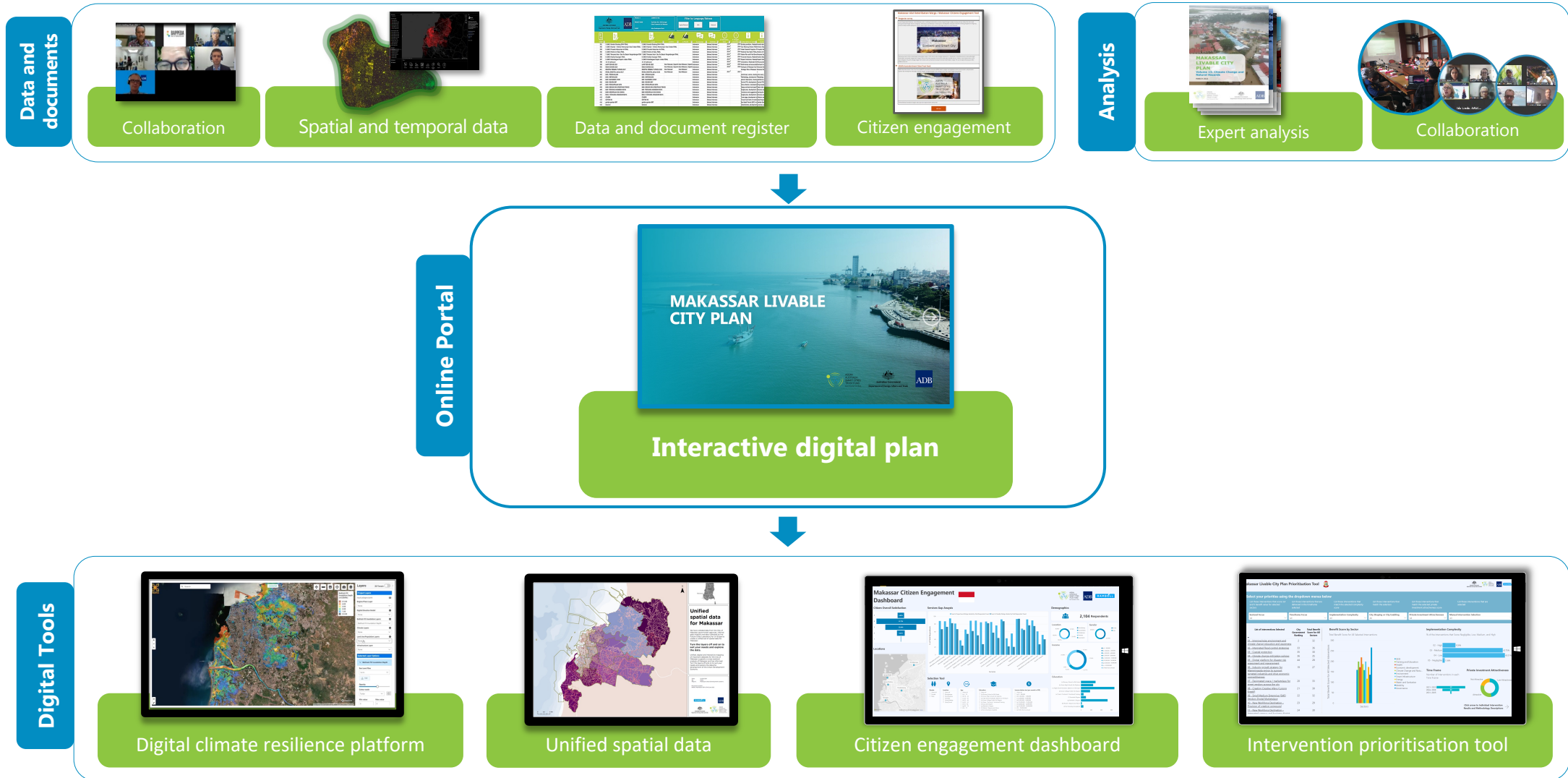
 Select all
 (a) 0 - 999,999
 (b) 1,000,000 - 1,999,999
 (c) 2,000,000 - 4,999,999
 (d) 5,000,000 - 9,999,999
 (e) 10,000,000 - 19,999,999
 (f) 20,000,000 - 24,999,999
 (g) 25,000,000 - 49,999,999
 (h) > 50,000,000
 (i) Prefer Not to Answer

Education



Tool for analysing citizen engagement feedback

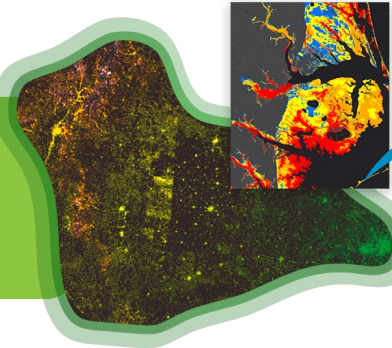
Makassar Livable City Plan



Unified Spatial Data



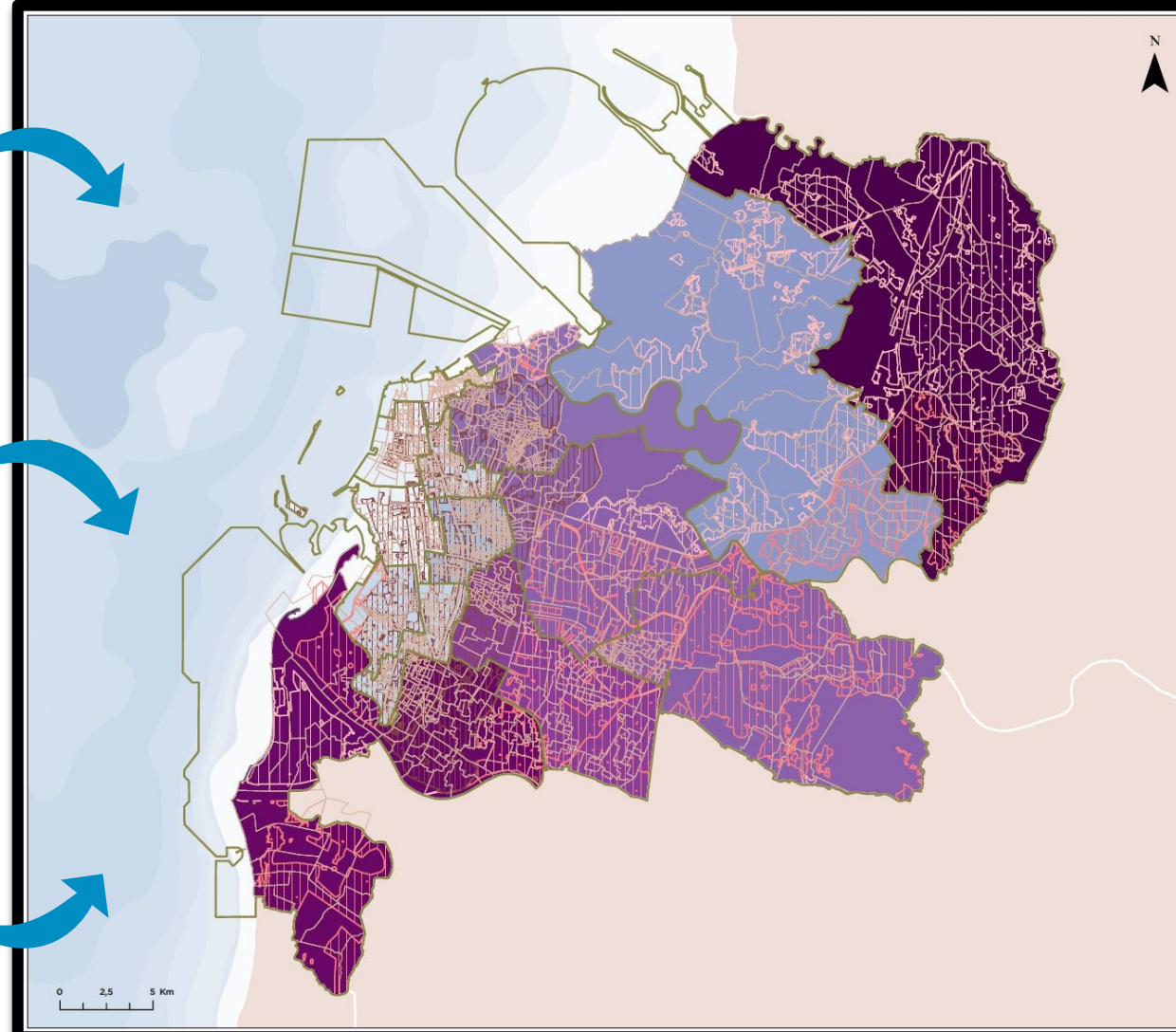
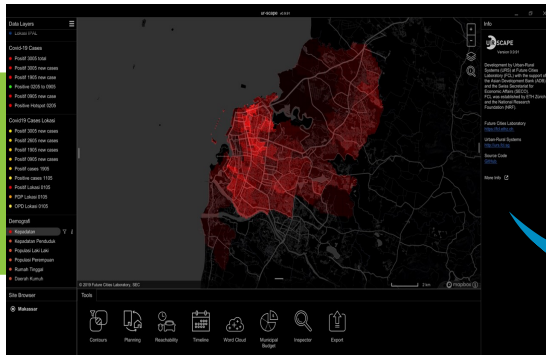
Spatial and temporal data



Accessibility



Ur-scape



Unified spatial data for Makassar

We have collated data from the City of Makassar government agencies, internal data analysis and data collected by the Future Cities Laboratory for Ur-Scape to create a unified set of spatial data for Makassar.

Turn the layers off and on to suit your needs and explore the data.

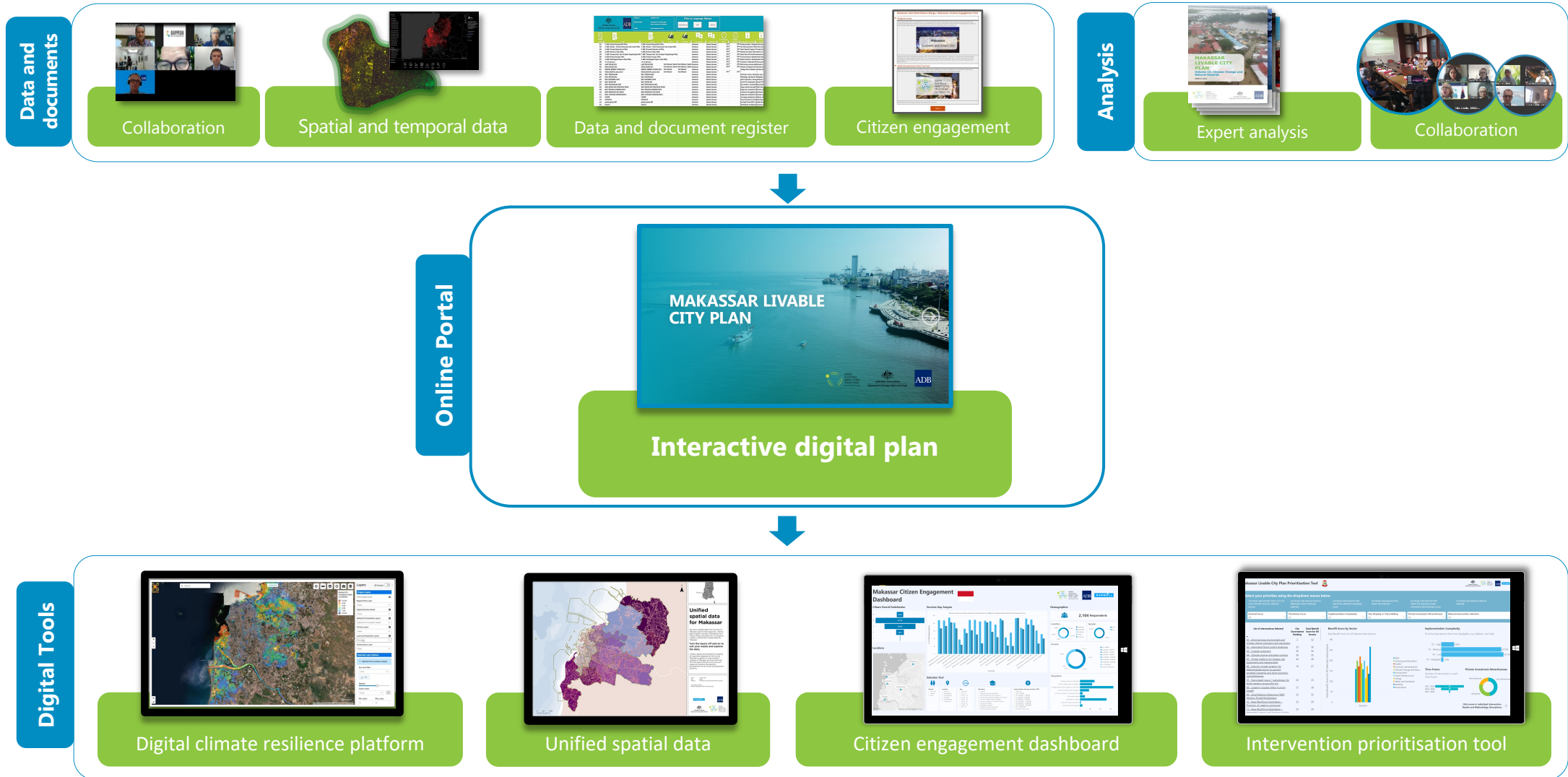
Unified, digital and interactive mapping of important datasets for the City of Makassar supports a cross-sectoral analysis of Makassar and has informed Turn the layers off and on to suit your needs and explore the data, the development of the Urban Development Scenario.

Date: 10-06-2021
By: MIRS
Report: Makassar Urban Development Scenario

Projection System:
Name: Indonesian 1974 UTM Zone 50S



Makassar Livable City Plan



INDRA Climate Resilience Model – CSIRO

connected

INDRA

Search

Layers 3D Terrain

Project Layers

Input polygon/point

Region/Place Layer

None

Digital Elevation Model

None

Bathtub Fill Inundation Layers

None

Climate Layers

None

Land Use/Population Layers

None

Infrastructure Layer

None

Selected Layer Options

Map Base Layer

Light

Makassar

Bonto Matene

Raya

Minasa Bai

Simbang

Hasanuddin

Sudiang

UPG

Bulurokeng

Kuru Sumange

Bonto Bunga

Moncongloe Bulu

Sero

Sungguminasa

Pallangga

DESA PAKKATTO

Borong Pa'lala

Pacellekang

Borisatto

DESA JULU BORI

Desa Bilisili

Tubajeng

Paraikate

Towata

Manuju

Romanglasa

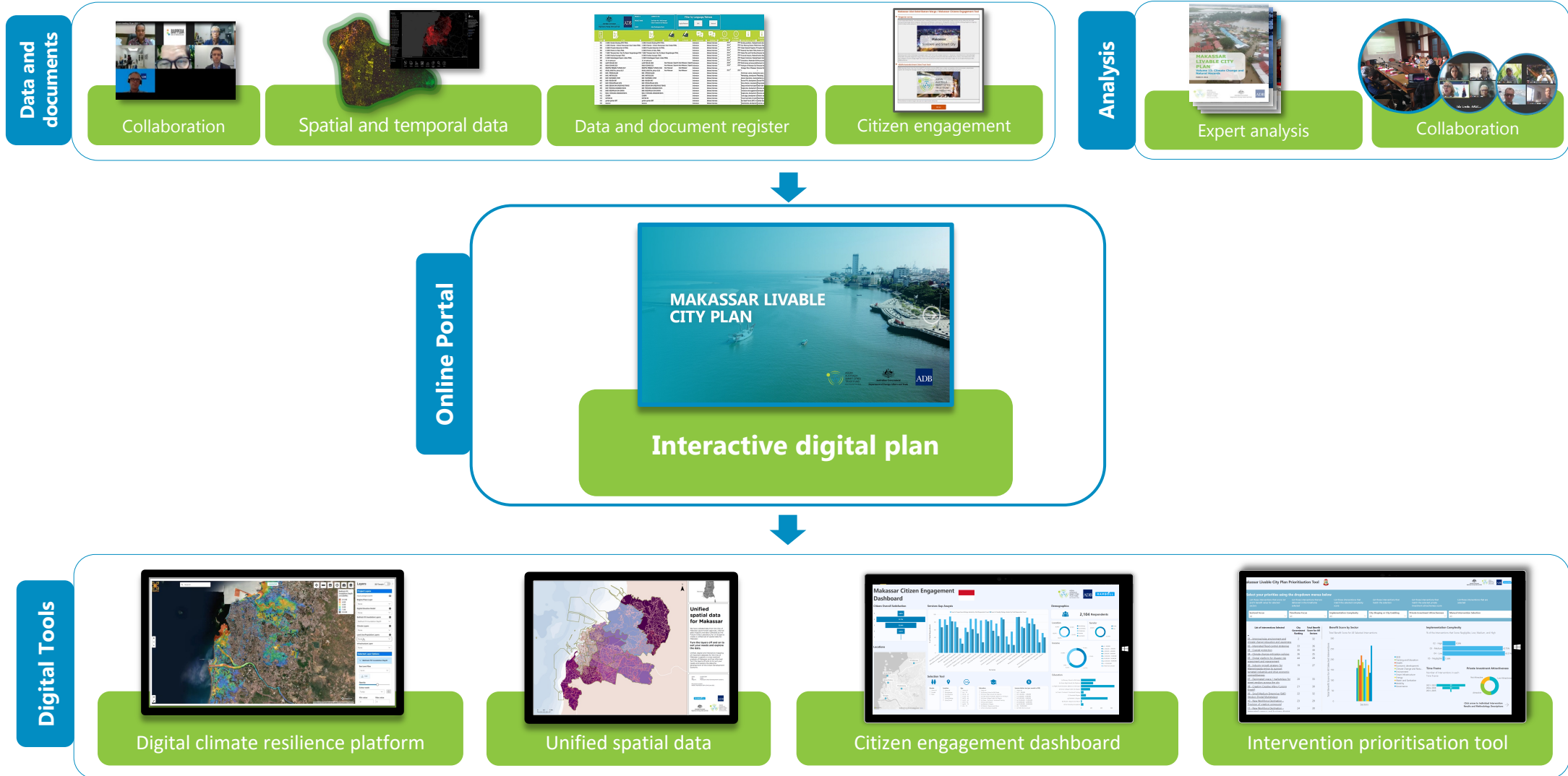
Kampung Beru

mapbox

© Mapbox © OpenStreetMap Improve this map

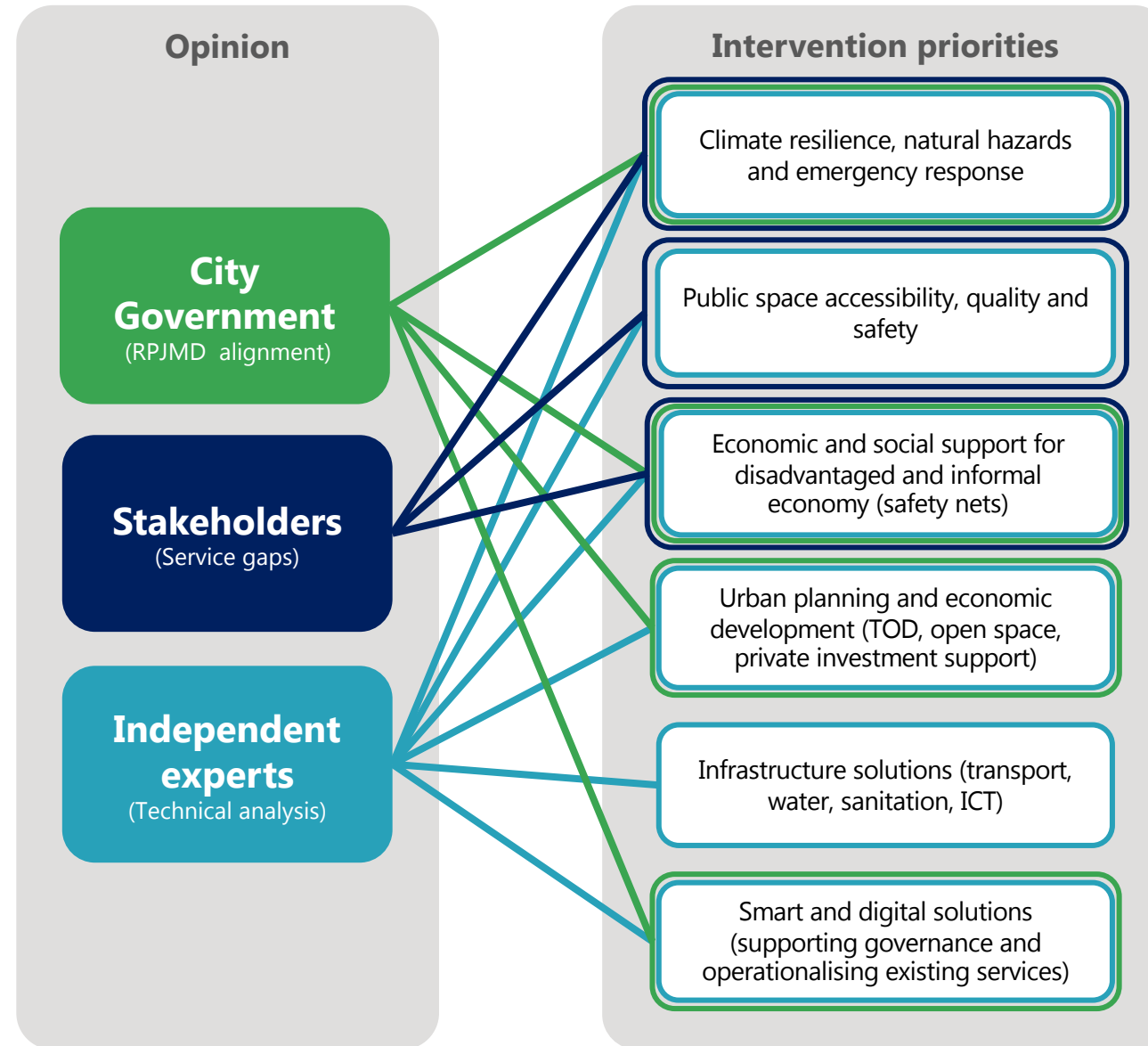
Climate and Hazard
Risk Analytics and
Visualisation
Platform

Makassar Livable City Plan





Makassar smart and livable city intervention priorities



Digital transformation



RAPAT KOORDINASI KHUSUS RAKORSUS 2022

• PERCEPATAN PROGRAM KOTA 2022 • KOTA SOLUSI DAN INOVASI • KOTA METAVERSE

PEKONSIK SALAMATI

makassar I LOVE MAKASSAR

MENUJU MAKASSAR KOTA METaverse

"MAKaverse"

SELASA, 15 MARET 2022 | HOTEL FOUR POINTS BY SHERATON
08.00-00.00 WITA

NARASUMBER UTAMA

DANIEL SURYA
EXECUTIVE CHAIRMAN & CO-FOUNDER IHR GROUP

"KEUNGGULAN MASA DEPAN ADALAH KECEPATAN DAN ADAPTASI. KOTA METAVERSE ADALAH LONCATAN KECEPATAN DAN ADAPTASI KOTA MAKASSAR MENUJU KOTA DUNIA YANG SEMPURNE DAN SMART"

Use of digital technology for Planning, Services and Financing



The four focus areas to achieve this:

- Ensure that policy, legislation and governance are aligned
- Improve inter-organisational relationships
- Build capacity
- Optimise public-private sector inputs.

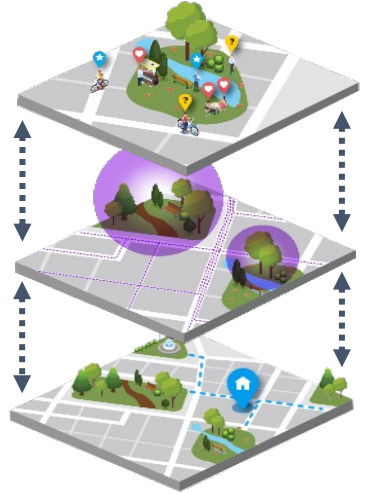
The most urgently needed digital technologies in Makassar are related to data processing tools, interoperability across agencies and data integration.

Next steps for Makassar



SMART CITY
DIGITAL
ECOSYSTEM

Integrated Digital Database



Capacity Building and Digital Transformation

Shared Digital Applications





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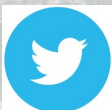
Terima kasih



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[AASCTF](https://www.youtube.com/AASCTF)