



# **Master Plan on ASEAN Connectivity 2025 and Smart Cities**

ASEAN Connectivity Division

Third ASEAN-Japan Smart Cities Network High Level Meeting  
18 October 2021



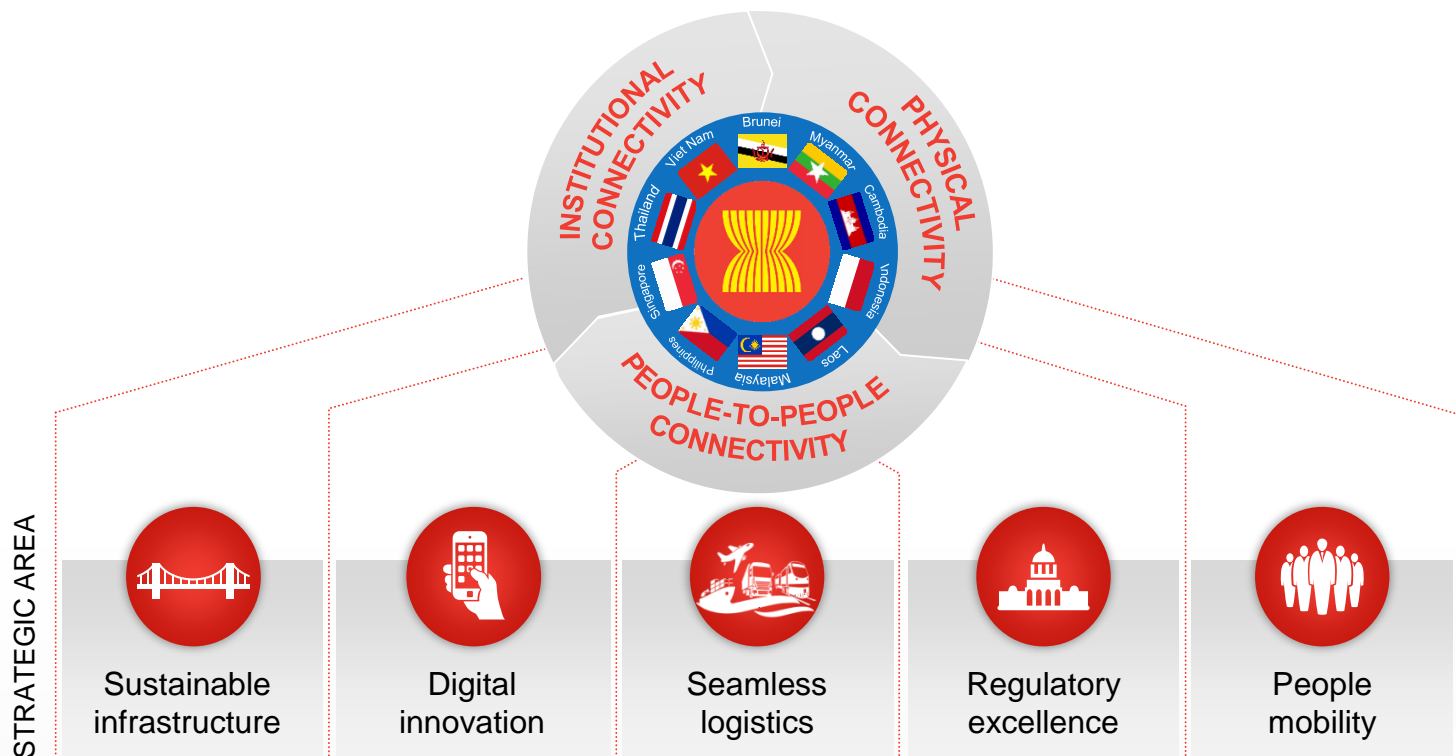


## Outline of the Presentation

- Master Plan on ASEAN Connectivity 2025: Progress and Challenges
- ASEAN Smart Cities Network and ASEAN Sustainable Urbanisation Strategy

# The Master Plan on ASEAN Connectivity 2025 has 5 Strategic Areas and 15 Initiatives

**Vision:** “To achieve a seamlessly and comprehensively connected and integrated ASEAN that will promote competitiveness, inclusiveness, and a greater sense of Community.”



# MPAC 2025 Implementation Progress (1)

As of September 2021


■ Completed
 ■ Ongoing
 ■ Not yet started

## Initiative

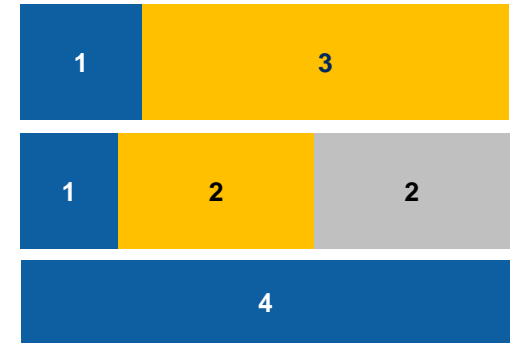
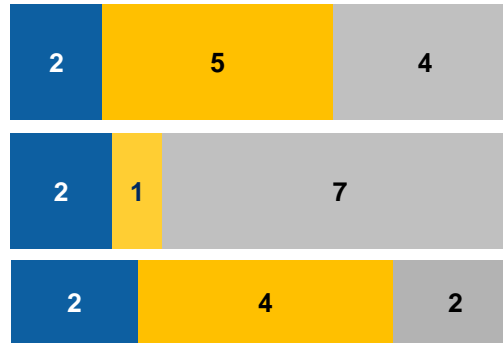
## Number of Key Implementing Measures

## Output Metric Indicators


**Sustainable infrastructure**



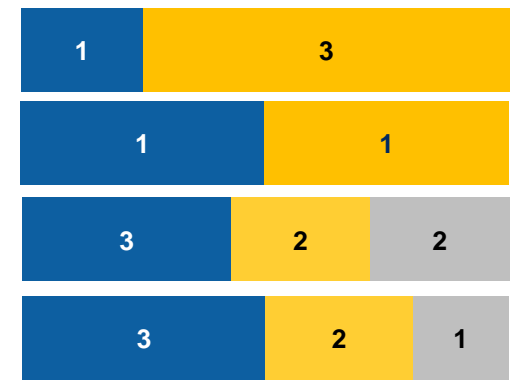
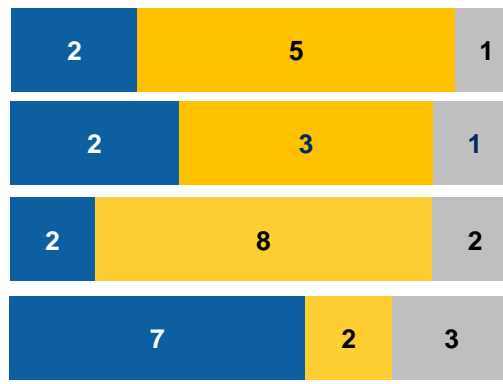
- 1 Establish a rolling priority pipeline list of potential ASEAN infrastructure projects and sources of funds
- 2 Establish an ASEAN platform to measure and improve infrastructure productivity
- 3 Develop sustainable urbanisation strategies in ASEAN cities



**Digital innovation**



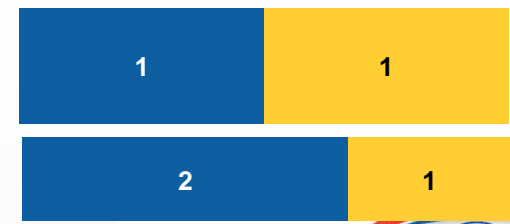
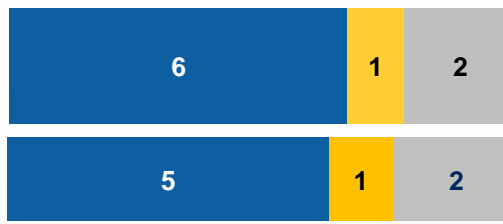
- 4 Enhance the MSME technology platform
- 5 Support the expansion of digital financial services in ASEAN
- 6 Establish an ASEAN open data network
- 7 Establish an ASEAN digital data governance framework



**Seamless logistics**



- 8 Strengthen ASEAN competitiveness through enhanced trade routes and logistics
- 9 Enhance supply chain efficiency through addressing key chokepoints



Note: Progress on Key Implementing Measures (KIMs) and output metrics by MPAC 2025 initiative; # with equal weightage.

# MPAC 2025 Implementation Progress (2)


As of September 2021

■ Completed
 ■ Ongoing
 ■ Not yet started

Regulatory excellence



People mobility



Initiative	Number of Key Implementing Measures	Output Metric Indicators
<b>10</b> Complete harmonisation of standards, mutual recognition, and technical regulations in three prioritised product groupings	2 (Completed)   4 (Ongoing)   2 (Not yet started)	1 (Completed)   3 (Ongoing)
<b>11</b> Increase transparency and strengthen evaluation to reduce trade-distorting NTMs	3 (Completed)   4 (Ongoing)   7 (Not yet started)	1 (Completed)   2 (Ongoing)
<b>12</b> Enhance ASEAN travel by making finding information easier	7 (Ongoing)   3 (Not yet started)	5 (Not yet started)
<b>13</b> Ease ASEAN travel by facilitating visa processes	Focus being re-defined	n.a.
<b>14</b> Establish new vocational training programmes and common qualifications across AMS, in accordance with national circumstances of each AMS	5 (Completed)   5 (Ongoing)   1 (Not yet started)	2 (Completed)   1 (Ongoing)   1 (Not yet started)
<b>15</b> Support higher education exchange across AMS	8 (Completed)   1 (Ongoing)   5 (Not yet started)	2 (Completed)   3 (Ongoing)   2 (Not yet started)

Note: Progress on Key Implementing Measures (KIMs) and output metrics by MPAC 2025 initiative; # with equal weightage.

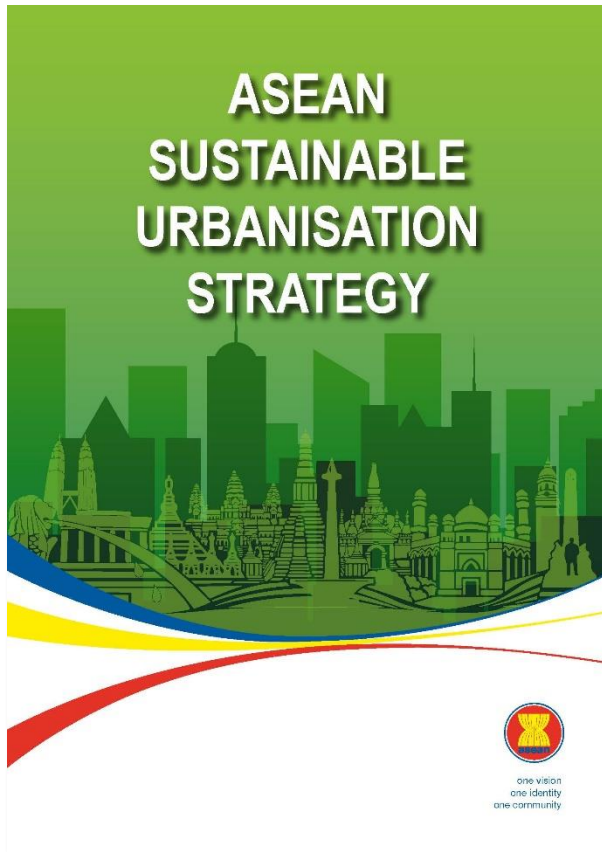


# Recommendations from Mid-Term Review of MPAC 2025

*17 recommendations in SIX areas have been developed to tackle the identified implementation challenges*

Key Challenges	Recommendation Areas	Supporting Recommendations
<b>Sectoral Alignment:</b> Arise from priorities alignment with the sectoral body or identifying suitable Lead Implementing Body (LIB); how MPAC 2025 would add value.	Enhance sectoral-level alignment	<ul style="list-style-type: none"> <li>• Augment the existing value addition framework of MPAC 2025 for sectoral bodies through CORE framework: Coordination, Ownership, Resources and Emphasis</li> <li>• Increase the frequency and quality of MPAC 2025's engagement with LIBs</li> <li>• Elevate MPAC 2025 narrative to the highest possible level</li> </ul>
<b>National Level Implementation:</b> Arise from alignment with relevant agency priorities in AMS; roles obscurity and limited incentives among National Coordinators (NCs) and National Focal Points (NFPs); inability to pull necessary data at the national level; and limited linkages between support for connectivity and other external programmes.	Strengthen in-country implementation	<ul style="list-style-type: none"> <li>• Clearly define roles and responsibilities, in particular of NCs and NFPs</li> <li>• Obtain support from senior stakeholders to strengthen incentives for implementation by NCs and NFPs</li> <li>• Develop handover mechanism for NFPs</li> <li>• Develop a best practice guidebook for a coordination mechanism at the national level</li> </ul>
<b>Engagement with Other Connectivity Related Initiatives and ASEAN Partners:</b> Arise from increased risk of duplication as the number of activities in the connectivity space are growing; and risk of missing collaboration opportunities.	Convene relevant connectivity efforts and engage ASEAN partners with a more structured approach	<ul style="list-style-type: none"> <li>• Convene the connectivities</li> <li>• Improve consultation with Dialogue Partners (DPs) and Other External Partners (OEPs) on ASEAN Connectivity</li> <li>• Establish a Connectivity DPs and OEPs Working Group</li> <li>• Build projects together by leveraging DPs and OEPs' expertise</li> </ul>
<b>Need for Flexibility to Adjust to Changes in Regional Context:</b> Arise from initiatives implementation that changes from external events (e.g. COVID-19) and external priorities (e.g. sustainability and inclusiveness).	Adapt MPAC 2025 initiatives to changing regional context	<ul style="list-style-type: none"> <li>• Conduct review of MPAC 2025 initiative concepts at least once in two years as part of the annual MPAC 2025 MRE process</li> <li>• Develop a COVID-19 focused narrative for MPAC 2025</li> <li>• Ensure environmental sustainability and inclusiveness within each initiative</li> </ul>
<b>Ownership Beyond 2025:</b> Arise from the maintenance of databases/platforms, technical support and resources.	Ensure ownership of MPAC 2025 initiatives	<ul style="list-style-type: none"> <li>• Determine clear ownership for ongoing initiatives beyond 2025</li> <li>• Strengthen internal capabilities</li> </ul>
<b>Private Sector Engagement:</b> Arise from lack of engagement with the private sector.	Deepen private sector engagement	<ul style="list-style-type: none"> <li>• Include private sector engagement in KIMs of each initiative</li> </ul>

# ASEAN Sustainable Urbanisation Strategy (ASUS)



available at: [connectivity.asean.org](http://connectivity.asean.org)



- Launched on 13 November 2018 at the 22<sup>nd</sup> ASEAN Coordinating Council (ACC) Meeting in Singapore;
- The ASUS was developed to support the various city networks in ASEAN, such as the ASCN.
- ASUS comprises **7 priority sub-areas and 8 priority actions**;
- **Toolkits** were developed to support local governments in ASEAN in advancing sustainable urbanisation in their respective cities.

# ASEAN Sustainable Urbanisation Strategy (ASUS)



## Civic & social

- 1 Inclusive & equitable growth

- 1 Introduce and improve access to digital payment solutions to enhance financial inclusion



## Health & well-being

- 2 Housing & home

- 2 Develop and expand affordable housing solutions



## Security

- 3 Personal safety & security

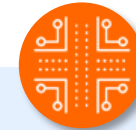
- 3 Introduce digital solutions to enhance safety and security in cities



## Quality environment

- 4 Water, waste & sanitation

- 4 Enhance solid waste management systems



## Built infrastructure

- 5 Mobility
- 6 Urban resilience

- 5 Introduce and improve Bus Rapid Transit (BRT) systems
- 6 Develop and enhance traffic management systems
- 7 Develop flood management systems



## Industry & innovation

- 7 Education

- 8 Develop digital skills through "industry boot camps"

Priority areas

Initial identified priority actions



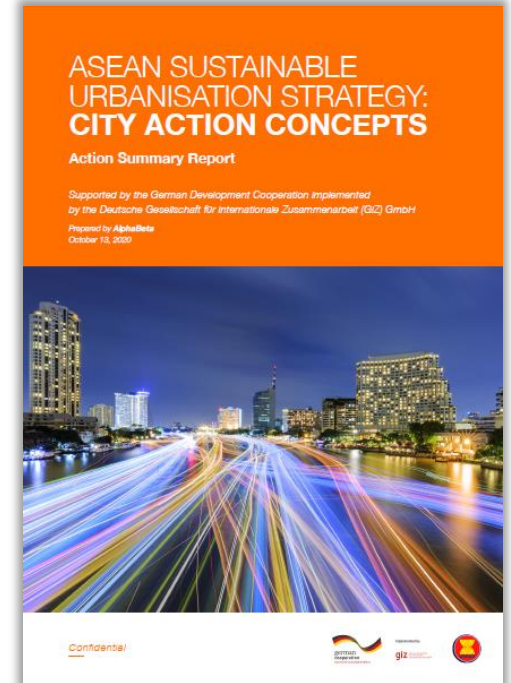
# ASEAN's Support for Cities under the ASUS

## Partners



## Projects

- With the support of *Deutsche Gesellschaft für Internationale Zusammenarbeit / German Agency for International Cooperation (GIZ)* and with the technical assistance from AlphaBeta, ASEAN had provided support for 8 cities<sup>1</sup> in development of action concepts.
- Cities and ASEAN can disseminate these city action concepts to external partners, including multilateral organisations, for further support.



- With the support of the ASEAN-Australia Development Cooperation Program Phase II (AADCP II), ASEAN has engaged UN-Habitat to provide technical assistance to deliver the following expected outputs:
  - a. Technical project proposal for other 8 cities<sup>2</sup>;
  - b. ASEAN Sustainable Urbanisation Forum held on 6-8 October 2021; and
  - c. Report on the “State of Urbanisation in ASEAN”.

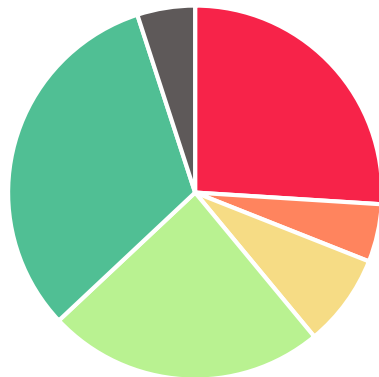
<sup>1</sup> The 8 cities are: (a) Luang Prabang; (b) Xam Neua; (c) Bagan Nyaung Oo; (d) Hang Tuah Jaya; (e) Kota Kinabalu; (f) Seberang Perai; (g) Can Tho; and (h) Da Lat.

<sup>2</sup> The 8 cities are: (a) Kep City; (b) Tomohon; (c) Kaysone; (d) Shah Alam; (e) Mandalay; (f) General Santos; (g) Hat Yai; and (h) Sapa.

# ASEAN Smart Cities Network (ASCN) Progress

**26**  
CITIES

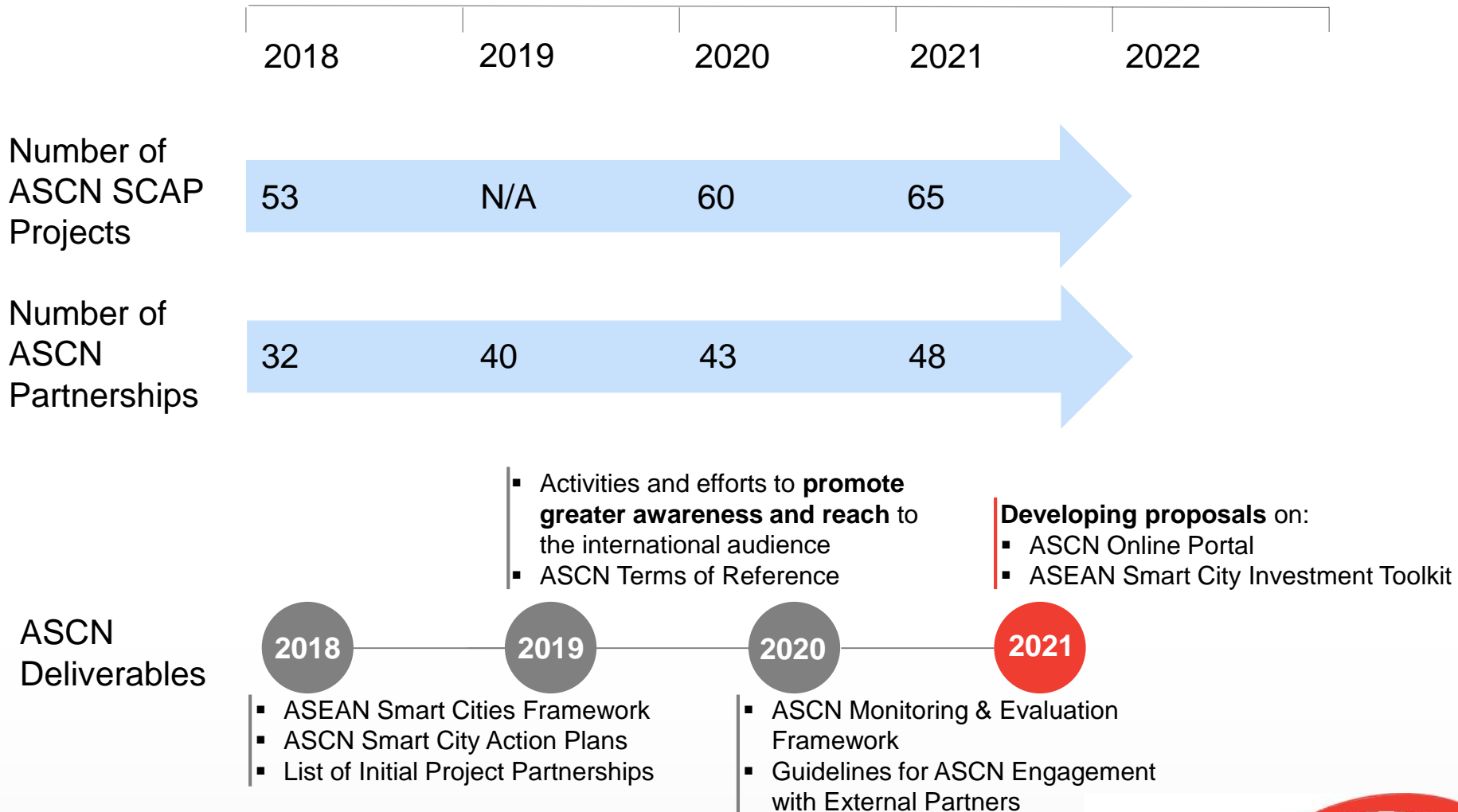
**~65**  
SCAPs\*  
PROJECTS



- 26%** **‘Civic & Social’**  
‘Tourism’, ‘Public & Municipal Services’, ‘Governance’, ‘Culture & Heritage’
- 5%** **‘Health & Well-being’**  
‘Healthcare’, ‘Housing & Home’, ‘Education’
- 8%** **‘Safety & Security’**  
‘Public Safety, City Surveillance, & Crime Prevention’
- 24%** **‘Quality Environment’**  
‘Clean Environment’, ‘Resources Access & Management’, ‘Urban Resilience’
- 32%** **‘Built Infrastructure’**  
‘Mobility & Transportation’, ‘Utilities’
- 5%** **‘Industry & Innovation’**  
‘Business & Entrepreneurship’, ‘Trade & Commerce’

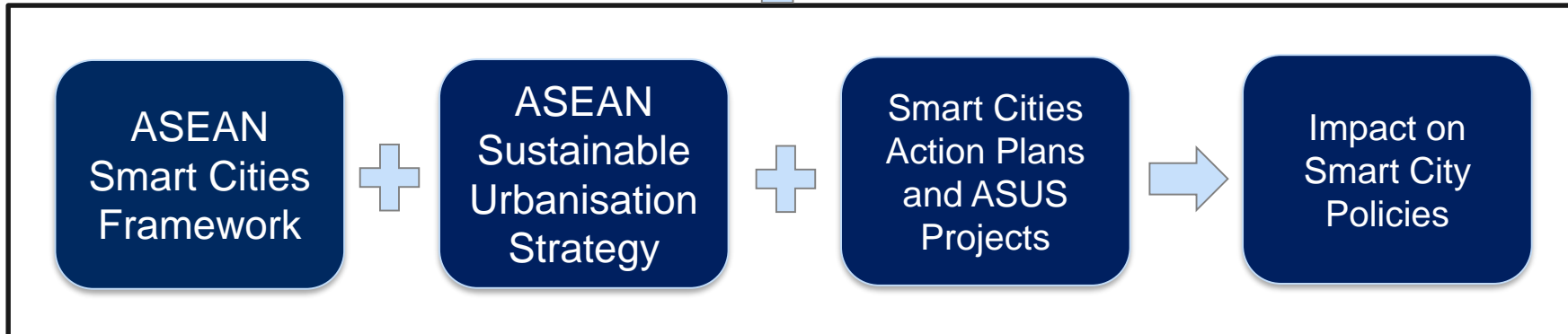
(\*) The ASCN Cities have developed their respective Smart City Action Plans (SCAPs) which consist of the respective cities’ vision, focus areas, strategic targets, and priority projects.

# ASCN Progress



# Linkages and Synergies between ASCN and ASUS

## Smart and Sustainable Urbanisation Outcomes



## Monitoring & Evaluation and Partnerships



# Connecting Today Connected Tomorrow

