



ASEAN
AUSTRALIA
SMART CITIES
TRUST FUND
Asian Development Bank



Australian Government
Department of Foreign Affairs and Trade



BASELINE SCOPING REPORT

TO-08 REG: Baseline Development and Capacity Building for ASEAN
Australia Smart Cities Trust Fund (AASCTF) Participating Cities

September 2021

RAMBOLL

TASK PROGRESS

Project weather



Progress

	Progress	Tendency	Next deadline
Task 1 Preparatory work			29/09
Task 2 Data collection			30/10
Task 3 Dashboard design			18/11
Task 4 Dashboard development			13/12

Key achievements

Task 1 | Preparatory work

- Reviewed short list of descriptors/indicators and agreed on a focus on « Smart government » and « Enabling factors »
- Agreed on a process to collect data linked to local workshops
- Delivered M&E Baseline Scoping Report focusing on « Smart government » and « Enabling factors » [D1]
- Re-discussed scope with ADB, and revised the M&E Baseline Scoping Report accordingly (this file)

Risks

Task 1 | Preparatory work

- Data is not available in the selected cities for most « smart » indicators (ICT infrastructure, data management, etc.)
- Data availability differs based on the city, and collected data might not be comparable overall
- Data collection is more time consuming than expected for NFPs, and reaching out to local officials to gather information be challenging because of the pandemic (no access to online databases)

Mitigation measures

- New approach to the baseline adopted (explained in next slide)*
- New deadline set for Tasks 2 and 3 (final deadline unchanged)*

REVISED APPROACH TO THE BASELINE

The team will focus on the intervention area of **Smart Governance, considering how e-gov in the different cities supports the 3 cross-cutting topics defined by AASCTF (Gender Equality and Social Inclusion; Climate Change; and Private Sector Engagement)**. In particular, the team will create an hybrid structure for the Baseline, composed of:

- **Quantitative indicators**, looking at the current status of the IT infrastructure, end users devices, data sharing, digital public administration, digital literacy. This will be based on a set of SMART indicators already identified by the team. Based on the discussions with the NFPs, it is understood that data on these indicators is available, but often in the hands of the private sector (and therefore might need to be purchased in some occasions).
- **Qualitative (self-)assessment**, looking at data management, data storage and how the data is used in the context of decision-making. This would be based on a set of questions, to be posed to the NFPs or by them to local authorities (4-5 interviews). The team will use information collected through the TO8 survey (see next slide) and stick to the same rating system (0 = I don't know to 5 = Strongly agree). Baseline exercise will complement these through interviews to detail the answers given by city officials.

ZOOM ON THE LINK WITH T08 SURVEY

» Data availability and utilization

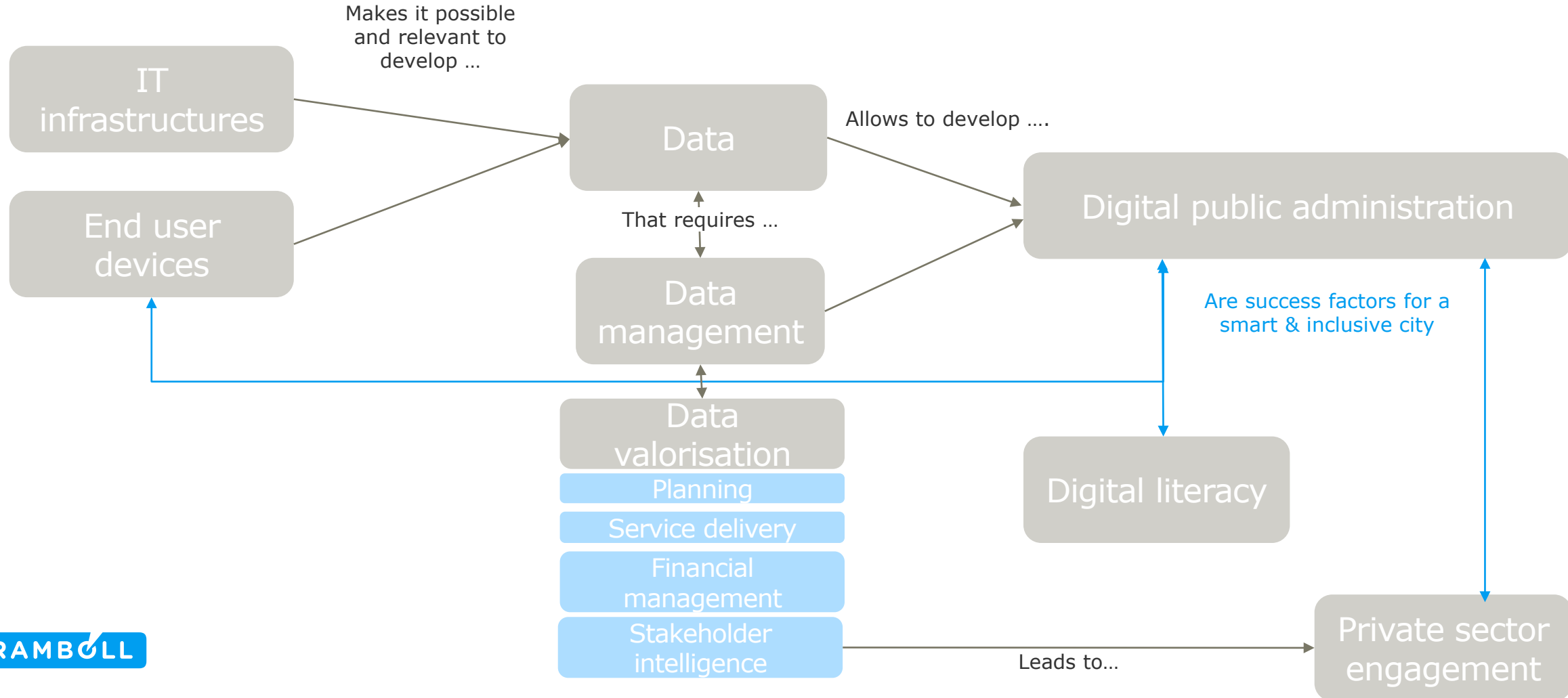
0 = I don't know, 1 = Strongly disagree, 2 = Disagree, 3 = Undecided, 4 = Agree, 5 = Strongly agree

Please rate	0	1	2	3	4	5
To what extent do you agree that your city collects data (e.g. from digital sensors, cameras, surveys etc) to be used in city planning, service delivery and/or financial management *	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To what extent do you agree that your city stores/keeps data (e.g. in digital databases) to be used in city planning, service delivery and/or financial management *	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To what extent do you agree that your city utilizes digital data (e.g. in modelling, predictions, scenario development) for city planning, service delivery and/or financial management *	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To what extent do you agree that your city shares data (e.g. with other stakeholders and the public) as part of the city planning, service delivery and/or financial management *	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To your knowledge does your city have a datacentre to manage digital information to be used in the city planning, service delivery and/or financial management? *						
<input type="text" value="Yes"/>						
In which part of the city organisation is this datacentre located						
<input type="text" value="none selected"/>						
How many people are employed in the city's datacentre						
<input type="text" value="none selected"/>						

We will use information collected through the T08 survey and stick to the same rating system (0 = I don't know to 5 = Strongly agree).

Baselining exercise will complement these through interviews to detail the answers given by city officials: questions will be broken down to get an assessment on data availability and uses specifically for (i) City planning, (ii) Service delivery and (iii) Financial management.

THE BASELINE IS BASED ON A SIMPLIFIED INTERVENTION LOGIC OF HOW A CITY ADMINISTRATION GO DIGITAL AND CREATE THE CONDITIONS FOR A SMART CITY



BASELINE SCOPE

Topic	Indicators <i>(based on selected smart city indicator frameworks)</i>	Self assessment <i>(inspired by selected smart city assessment methods)</i> Rating of assertions from 0 : don't know to 5; strongly agree
IT infrastructure	<ul style="list-style-type: none"> • Mean-download speed (fixed) • Number of WiFi hotspots at certain point in the city center • Proportion of households with access to download speeds equal or greater than 30 Mbits/s • Fixed (wired)-broadband subscriptions per 100 inhabitants 	<ul style="list-style-type: none"> • Existence of a datacenter in the city**
End user devices	<ul style="list-style-type: none"> • Mobile-cellular telephone subscriptions per 100 inhabitants • Number of computers available in city offices*** 	
Data availability	<ul style="list-style-type: none"> • Existence of city computer servers*** • Amount of data stored by the municipal authorities or their operators • Existence of a GIS at city level • Share of city's systems covered by a cybersecurity program*** 	<ul style="list-style-type: none"> • Your city stores/keeps data to be used in (i) city planning, (ii) service delivery, (iii) financial management ** • An open data homepage and APIs allow to share data with private partners*** • Data are available on (i) gender equality and social inclusion, (ii) climate change***
Data management		<ul style="list-style-type: none"> • Your city uses digital data to (i) city planning, (ii) service delivery, (iii) financial management ** • Resources with specific data skills are being actively developed or recruited* • Data analytics are used widely and across organisational boundaries to support improved service delivery, information sharing or the better application of resources* • Data are used to improve (i) gender equality and social inclusion, (ii) to fight climate change***
Digital public administration	<ul style="list-style-type: none"> • Number of consultation of city website • Number of people dedicated to IT management • Number of public services that can be accessed by citizens via web or mobile phone (e-services) 	<ul style="list-style-type: none"> • Your city collects data to be used in (i) city planning, (ii) service delivery, (iii) financial management **
Digital literacy	<ul style="list-style-type: none"> • Percentage of city's budget spent in the improvement of digital literacy 	



* Based on a selection of questions from Appendix E of the Scottish Cities Alliance Framework: Smart Cities Maturity Model and Self-Assessment Tool – Guidance. Questions related to Data. Available at: <https://shift.tools/iframe/1335?ssl=true&refer=https%3A%2F%2Fshift.tools%2Fresources%2F1335>

** Based on a TO8 survey and complemented by interviews

*** Ramboll own propositions



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