



# Green City Development Toolkit

## Publication Launch

Prepared for:

**Asian Development Bank**

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## Presentation Outline

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- Introduction – what is the toolkit?
- Why prepare the toolkit?
- Approach and toolkit design
- How to use the toolkit
- Why use the toolkit?



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## What is the toolkit all about?

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- **Practical guide for staff and consultants.**
- **Supports the ADB Urban Operational Plan.**
- **Reference document that can be applied throughout the ADB Project Cycle.**
- **Introduces key concepts.**
- **Provides summary of available tools and references by sector.**



## Why prepare the toolkit?

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- **Urbanization.**
- **Pressure for governments to do ‘more with less’.**
- **Cities are complex, dynamic and constantly changing.**
- **Need to develop adaptable and resilient urban areas.**

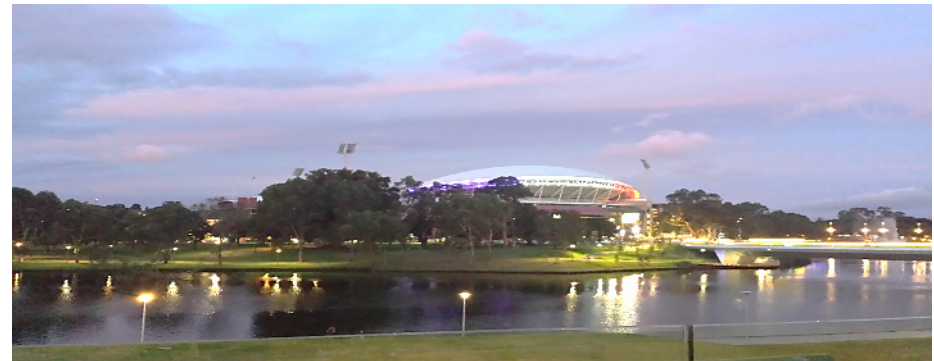




## Why prepare the toolkit?

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- To provide a framework and reference guide to inform the design of ADB urban programs and projects.
- Increasingly these are being designed to support green and sustainable outcomes.
- To improve the knowledge of staff and consultants on green city development.



## Approach

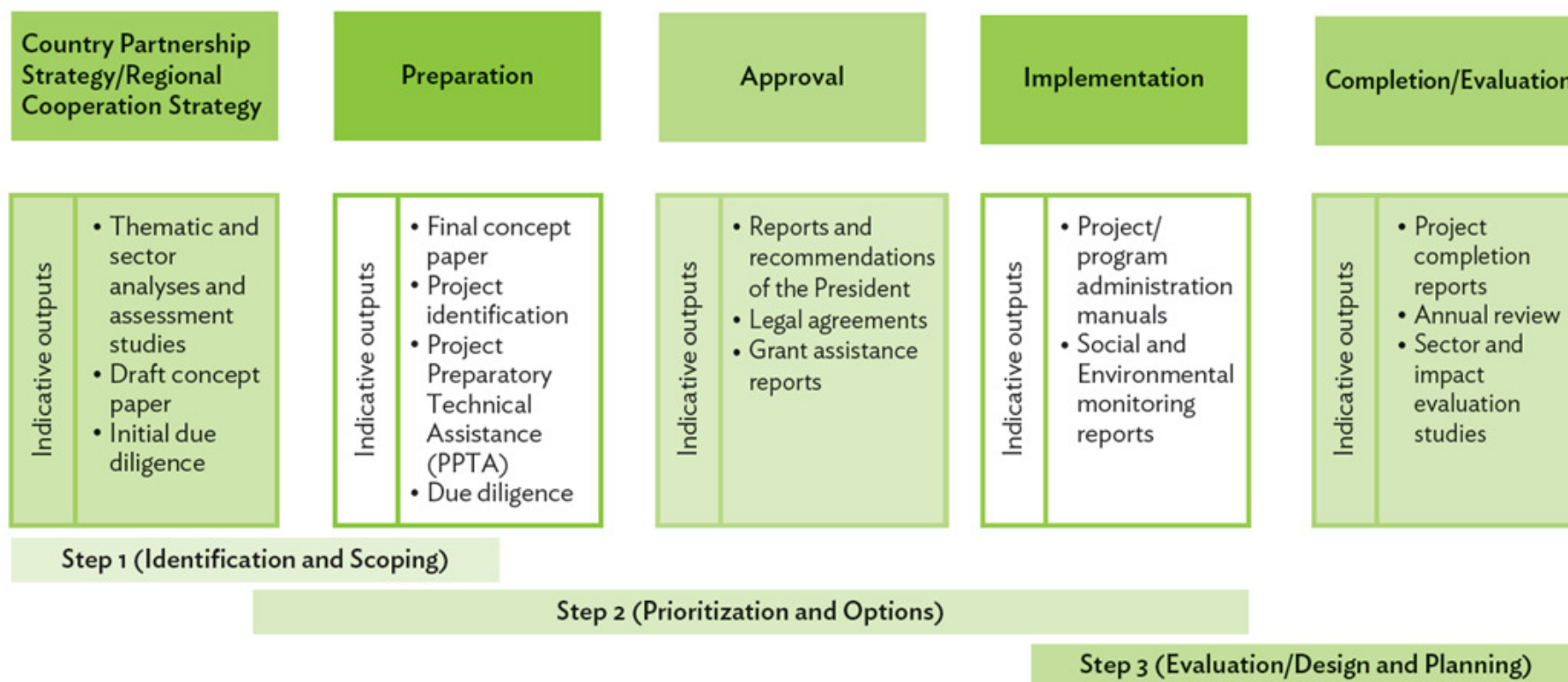
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- **Develop a toolkit that reflects the transitional nature of a city.**
- **Conceptualise the various stages of a Green City.**
- **Provide a framework to integrate actions across sectors and identify cross cutting themes.**
- **Provide a consolidated and centrally located reference document.**



## Approach

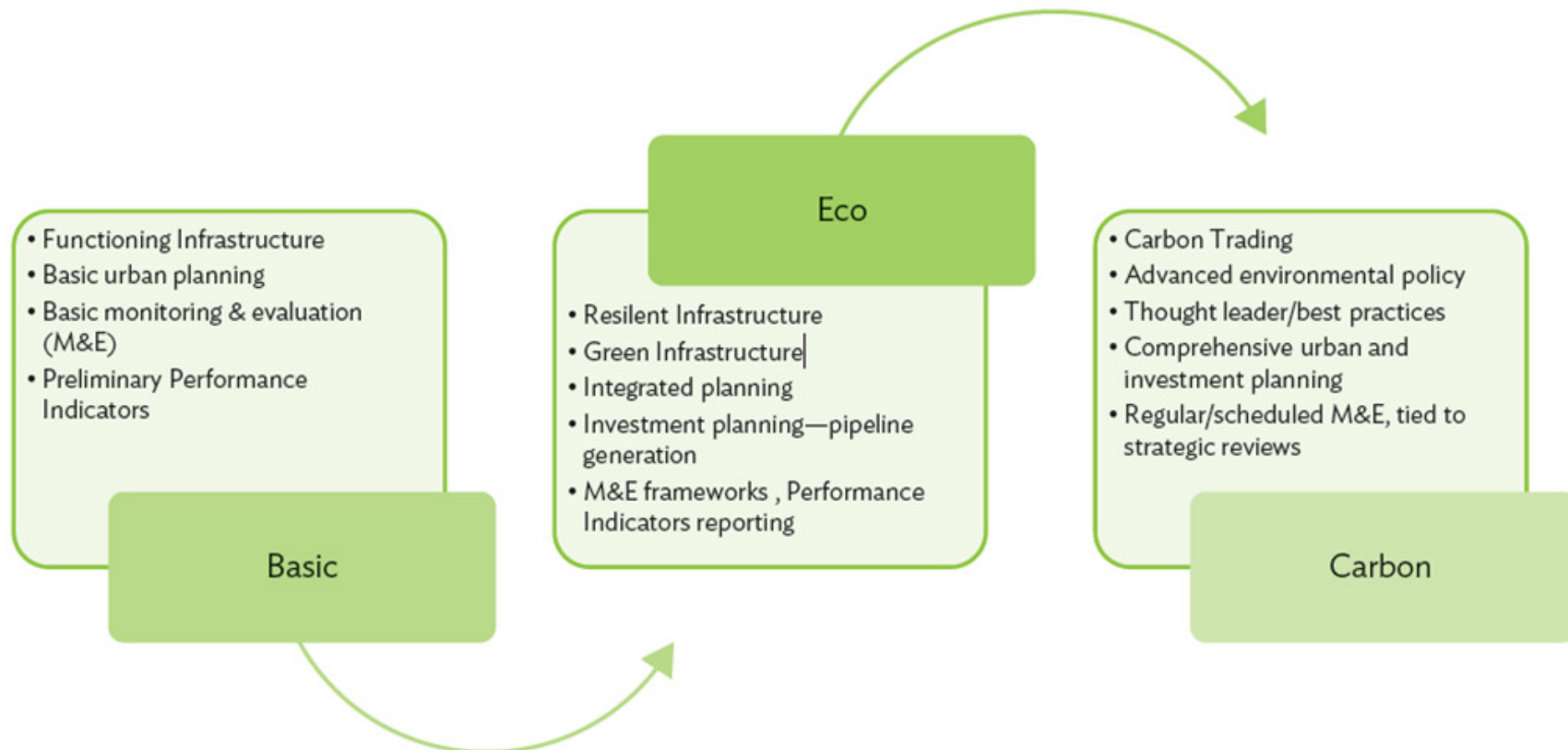
Figure 1.3: The ADB Project Cycle and the Tool Kit



Source: Emma Lewis adapted from ADB guidance <http://www.adb.org/projects/cycle>

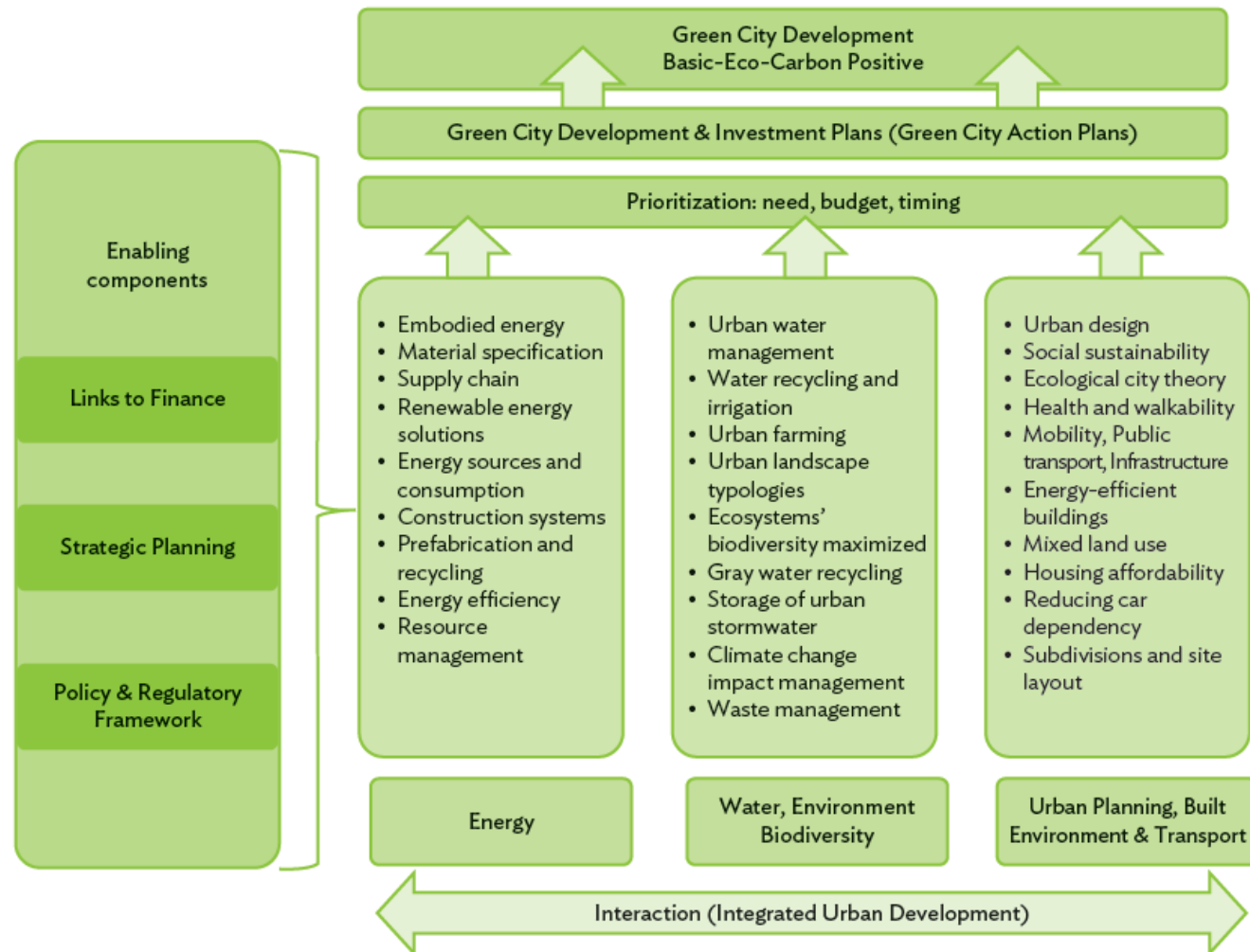
## Getting Started: Green City Stages

### ■ Cities in Transition



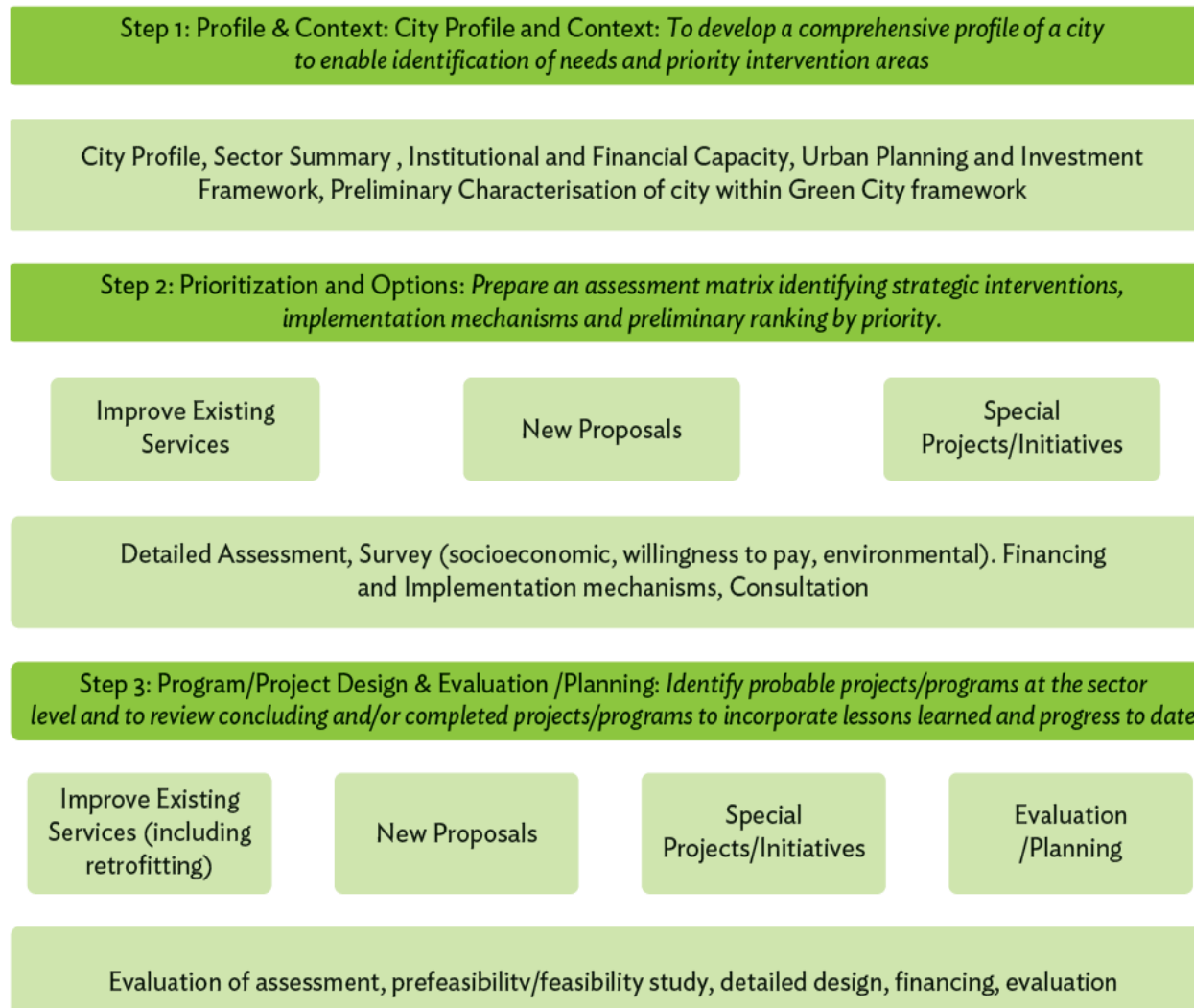


# Integrating Green City Development



Source: Emma Lewis adapted from Lehmann. 2010.

## Development Framework: 3-step Process



Source: Emma Lewis.

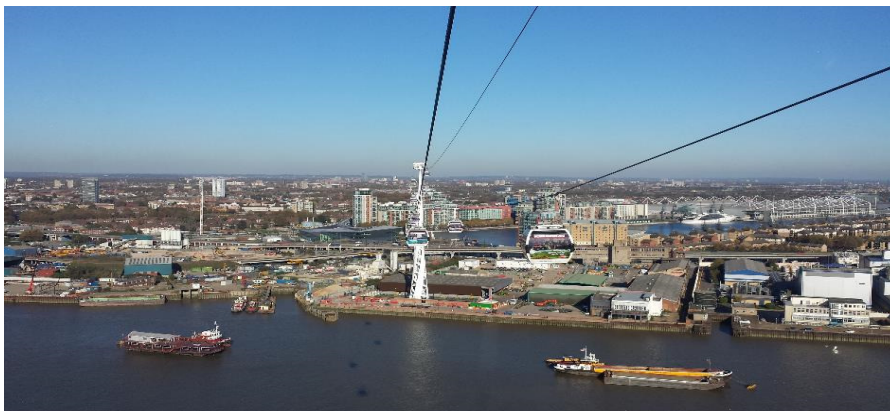
## Available tools

Sector	Phase 1 (Preparation/Scoping)	Phase 2 and Phase 3 (Design)	Phase 3 (Evaluation)
	Available Tools	Available Tools	Available Tools
<b>Water Sector</b>			
Water Supply	<ul style="list-style-type: none"> <li>• SWITCH: SWITCH Training Kit</li> <li>• Watergy</li> <li>• Riverlife</li> <li>• UNEP: Application of Sustainability Assessments of Technologies</li> </ul>	<ul style="list-style-type: none"> <li>• SWITCH: SWITCH Training Kit</li> <li>• Watergy</li> <li>• Water and Sanitation for All Tool Kit</li> <li>• WHO: Tools for assessing the O&amp;M of water supply and sanitation in development countries</li> <li>• WSP: Guidance Notes on Services for the Urban Poor</li> </ul>	<ul style="list-style-type: none"> <li>• P. Gleick et al. A Review of Decision-Making Support Tools in the Water, Sanitation and Hygiene Sector.</li> <li>• WHO: Tools for assessing the O&amp;M of water supply and sanitation in development countries</li> </ul>
References	<ul style="list-style-type: none"> <li>• Asian Development Bank. 2013. <i>Asian Water Development Outlook 2013: Measuring Water Security in Asia and the Pacific</i>.</li> <li>• D. Rodriguez, C. van de Berg, and A. McMahon. 2012. Investing in Water Infrastructure: Capital, Operations and Maintenance. <i>The paper examines major financing challenges in water infrastructure providing examples, lessons learned and outlines two tools: expenditure reviews and results-based financing</i>.</li> <li>• P. Gleick, M. Palaniappan, and M. Lang. 2008. A Review of Decision-Making Support Tools in the Water, Sanitation and Hygiene Sector. <i>Each chapter provides an additional related reading list</i>.</li> <li>• World Bank. 2010. <i>Eco<sup>2</sup>Cities: Ecological Cities as Economic Cities. Adopts a sector-based approach to explain EcoCities and relationships across sectors. Publication provides annex of sector notes</i>.</li> </ul>		
Wastewater and Sanitation	<ul style="list-style-type: none"> <li>• SWITCH: SWITCH Training Kit</li> <li>• World Bank: Design decision support</li> <li>• Hygiene and Sanitation Software</li> <li>• WSP Guidance Notes</li> <li>• UNEP: Application of Sustainability Assessments of Technologies</li> <li>• Community-led Environmental Sanitation</li> </ul>	<ul style="list-style-type: none"> <li>• SWITCH: SWITCH Training Kit</li> <li>• World Bank: Sanitation Marketing Tool</li> <li>• Hygiene and Sanitation Software</li> <li>• Water and Sanitation for All</li> <li>• Community-led Environmental Sanitation Planning: CLUES</li> </ul>	<ul style="list-style-type: none"> <li>• World Bank: Sanitation Marketing Tool</li> <li>• World Bank: Design decision support</li> <li>• Community-led Environmental Sanitation Planning: CLUES</li> </ul>

## Expected Outcomes

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- Undertake a situational analysis of a city to enable categorization within the green city framework (basic–eco–carbon positive);
- Identify and quantify system and sector-specific issues and improvement needs;
- Identify crosscutting themes and incorporate these issues across sectors and at the city level;





## Expected Outcomes

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- Prioritize city-level and sector interventions underpinned by an understanding of sectoral linkages and opportunity for integrated green urban development;
- Prepare an outline or conceptual Green City Action Plan; and
- Improve terms of reference prepared for consultants engaged on green city projects through improved understanding of issues and requirements.



## Available online

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**The toolkit is available via the ADB website and can be accessed here:**

**<http://www.adb.org/documents/green-city-development-tool-kit>**

