

## ASEAN Smart City Network (ASCN)

The ASEAN Smart Cities Network (ASCN) is a collaborative platform launched at the 2018 ASEAN Summit with the aim of promoting smart and sustainable urban development among ASEAN member cities. It supports the use of technology, public-private partnerships, and financing to address urban challenges and improve quality of life. Siem Reap has been selected as one of the model cities for this initiative.



## 38 Road Construction Project

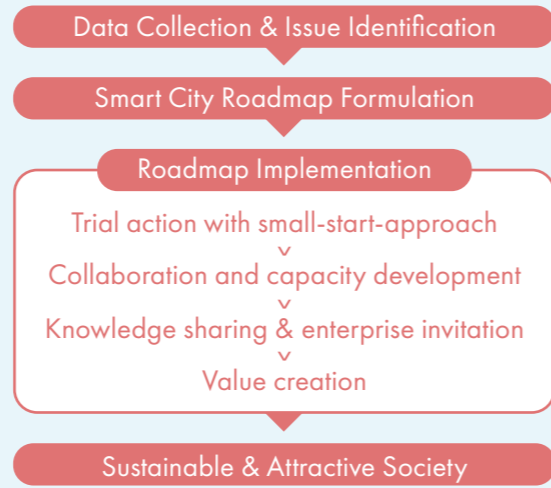
The Cambodian government's 38 Road Development Project in Siem Reap has significantly enhanced accessibility within the province while boosting tourism through infrastructure upgrades, such as the installation of smart streetlights. This project aligns with the smart city vision, further elevating Siem Reap's appeal as a tourist-friendly and economically vital hub.



## Siem Reap Smart City Approach

The Siem Reap Smart City Approach aims to contribute to building a society that enhances well-being and achieves the Sustainable Development Goals (SDGs). It begins by identifying key sectors of urban development and analyzing challenges, leading to the development of a vision-driven roadmap.

The approach emphasizes a "small start" strategy in implementing initiatives. By reflecting lessons learned through collaboration among industry, government, academia, and the community, the approach addresses challenges and improves urban management. Results are actively shared domestically and internationally to attract new participants and create innovative value for Siem Reap as an international tourist city.



## Siem Reap Smart City Roadmap

The Siem Reap Smart City Roadmap is a strategic document that clarifies the vision of the smart city initiative and outlines strategies and specific steps for its realization. Reflecting input from citizens, the private sector, government officials, and development partners, the roadmap was approved by the Siem Reap Provincial Administration in March 2023. It functions as a vital communication tool, enabling coordination and progress sharing among stakeholders. Designed as a "living document," it is adaptable to societal changes and emerging needs.



Japan International Cooperation Agency  
Infrastructure Management Department



\*This material is prepared based on technical cooperation:  
Project for Implementation of Smart City Approach to Solve Urban Issues in Siem Reap.  
Information available at the website <https://www.jica.go.jp/oda/project/201903200/index.html>  
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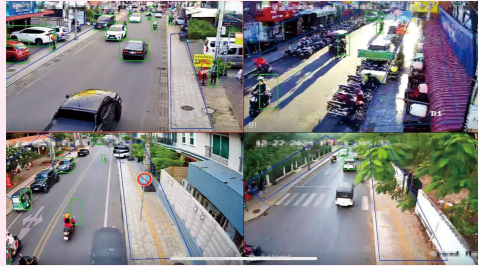
2025.Feb



# Siem Reap Smart City Project



## Illegal Parking Monitoring



A system utilizing CCTV cameras and image recognition technology has been deployed to detect vehicles parked for extended periods and notify relevant stakeholders. This implementation enhances the detection of illegal parking within the city.

## Government Internal Document Management



As part of the effort to promote digitalization in administrative services, a document tracking system has been deployed. This system aims to streamline document handling processes within the government, enhancing their accuracy and transparency.

## Intercity Collaboration



Siem Reap actively promotes partnerships with other cities and has signed a Memorandum of Understanding (MoU) with Takamatsu City, Japan, known for its advanced smart city initiatives.

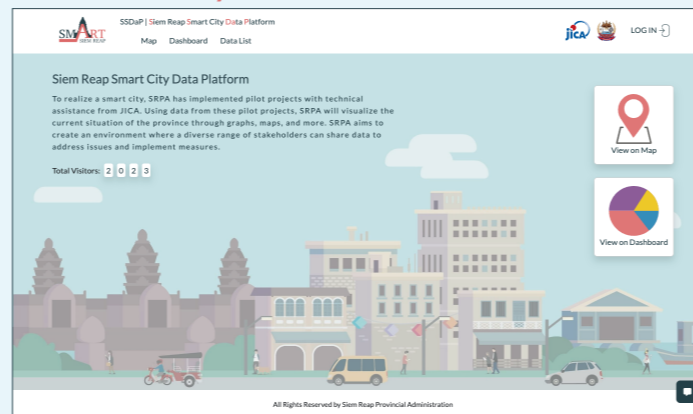


# SIEM REAP SMART CITY VISION

- FOR CITIZENS AND VISITORS
- WITH ANGKOR HERITAGE, KHMER CULTURE AND NATURE
- BY SOLUTIONS USING TECHNOLOGIES SMARTLY
- TOWARD MORE ATTRACTIVE AND SUSTAINABLE SOCIETY

The vision of "Siem Reap Smart" for 2035 aims to create a sustainable and attractive society for citizens and tourists, based on the preservation and respect of cultural heritage, the strategic use of appropriate technologies, and human-centered development. This vision aligns with Cambodia's national goals, promoting quality of life, economic growth, sustainable development, resilience, environmental preservation, and inclusiveness.

## Smart City Data Platform (SSDaP)



The Siem Reap Smart City Data Platform (SSDaP) has been developed to centralize scattered information. This platform facilitates data-driven solutions to address urban challenges effectively.



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## Smart Waste Collection and Transportation



The Project conducted time-and-motion studies on waste collection and used the results to develop the Smart Clean Siem Reap App. This app enables waste management to be monitored in real-time, contributing to greater efficiency in waste collection.

## Environment Monitoring



The project installed the air quality sensor in the Angkor heritage area. This initiative supports a joint activity between the Cambodian government and Waseda University (Japan), contributing to research in the heritage area through an integrated online monitoring system.

## Smart City Consortium



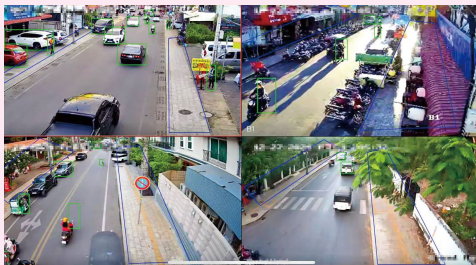
Established in 2024, the Siem Reap Smart City Consortium serves as a platform uniting the public sector, private sector, academia, and community. It plays a key role in advancing smart city initiatives and strengthening collaborative efforts.



# Siem Reap Smart City Project

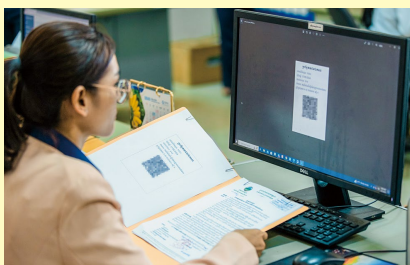


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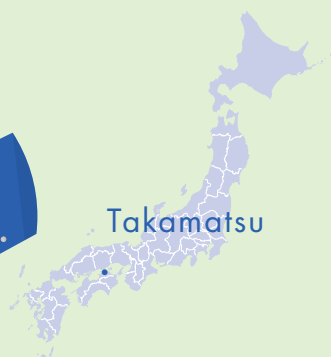
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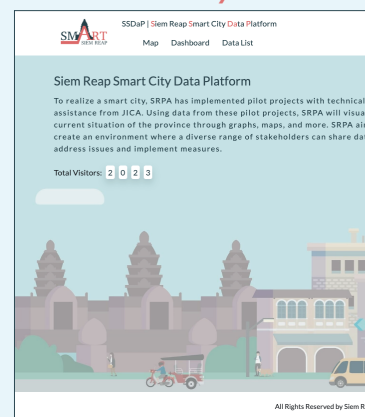


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- WITH ANKOR HERITAGE
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- TOWARD MORE ATTRACTIVE

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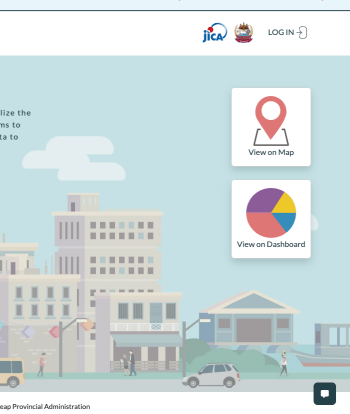
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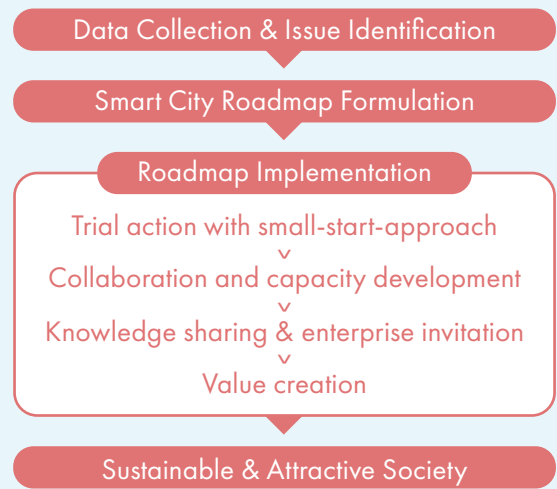
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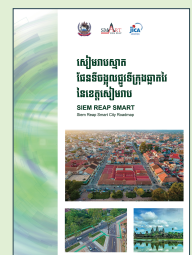
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