



Enhancing Urban Resilience through Multi-stakeholder Collaboration: Cases of Korea

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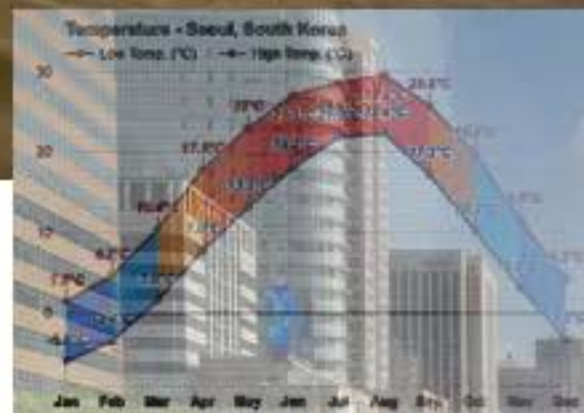
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The Importance of Urban Resilience



- The challenges facing Korean cities in the climate crisis era, including floods, heat islands, and air quality degradation.

- The critical need for urban resilience and the role cities play in achieving the 2050 carbon neutrality goal.



Collaboration between Local Governments and Civil Society

Suwon Special City's "Neighbor Sharing Box" initiative: This project promotes resource circulation, expanding beyond food to include general consumer goods.



Suwon Special City's "Neighbor Sharing Box" Initiative

Gwangmyeong's '1.5-Degree Climate Neutral Citizens Group': A citizen-driven initiative where locals collaborate with the city to design and implement climate-neutral policies aimed at reducing energy consumption and carbon emissions.



Gwangmyeong's '1.5-Degree Climate Neutral Citizens Group'

Collaboration between Local Governments and Businesses

Public-private partnership models:



1. Solar Pension: A renewable energy project in Sinan County that partners with private solar companies to share 30% of the profits from operating solar power plants with local residents.

< (참고) 내비게이션 상 표출 방식 (티맵(TMAP)-네이버지도-카카오내비 예시) >



Screen shots of Naver Map and Kakao Navi (Ministry of Science and ICT)

2. Navigation systems' flood alert for drivers: In collaboration with businesses like Kakao and T-Map, the project upgraded navigation systems to provide real-time flood alerts, preventing road and underpass accidents. This feature was launched in July 2024.

Collaboration between Local Governments and Businesses

Corporate engagement in carbon offset forestry



Evezary Co. and the Seoul Metropolitan Government partnered to establish **carbon offset forests** spanning 72,400m² along the Han River. The project, set to run for 8 years, aims to combat climate change and support the creation of a low-carbon society.

Collaboration with Youth: Preparing for the Future

Youth participation in biodiversity conservation



The Climate Change Center's **SGI Youth(Sustainable Green Impact for Youth)** program engages young people in biodiversity exploration within a city forest, training them to become biodiversity docents as part of an art exhibition focusing on endangered species.

Collaboration with Youth: Preparing for the Future

Youth-led innovation projects : Plastic School Attack



‘Plastic School Attack,’ supported by the Climate Change Center and the Seoul Metropolitan Government, focuses on creating sustainable campuses by evaluating and promoting zero-waste practices in response to the climate crisis.

The Future of Cities through Collaboration

For fostering urban resilience...

Institutionalize collaboration: Local governments should create formal platforms for ongoing cooperation with civil society, businesses, and youth to ensure long-term climate policy impact.

Boost investment and partnerships: Increase financial support for green infrastructure and scale up public-private partnerships to promote sustainable development.

Engage youth as leaders: Actively involve youth in policymaking to integrate their ideas and innovations, fostering young green leaders through initiatives mentioned in the presentation.



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