



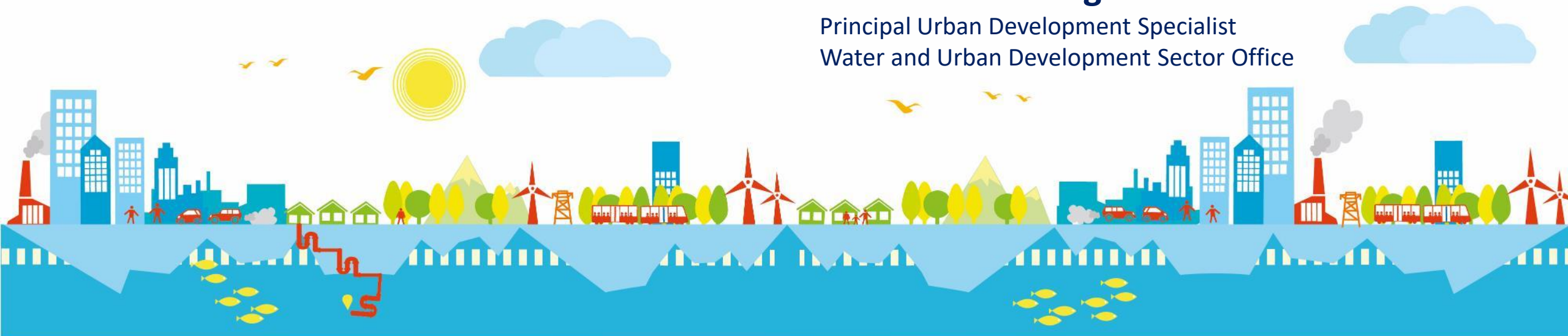
Livable Cities

Green. Resilient. Inclusive. Competitive.

Creating Livable Cities with Integrated Urban Action Plans

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Making cities
more livable

01 Water and Urban Development Sector Office

- Asian Cities Challenges and Trends

02 Integrated Urban Action Plans

- ADB 5E Livable Cities Framework
- Livable Cities Operational Framework

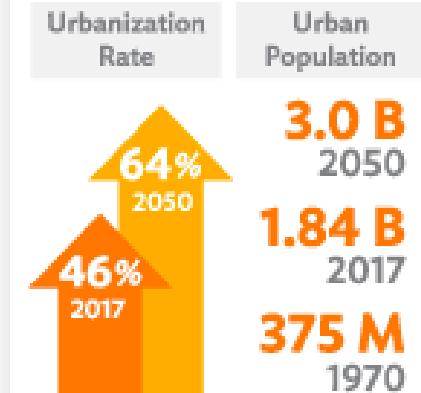
03 Livable Cities: Case Studies

- Georgia: Livable Cities Investment Project for Balanced Development
- PRC: Jilin Yanji Low-Carbon Climate-Resilient Healthy City Project
- Pakistan: Zu Peshawar Bus Rapid Transit

FOSTERING GROWTH AND INCLUSION IN ASIA'S CITIES

ADB

Developing Asia is rapidly urbanizing.
Unplanned urbanization creates “natural cities” beyond city boundaries
City Clusters are developing
Limited integrated Land Use Planning and Urban transport planning



Urban Residents

1,459 
Developing Asia has 1,459 “natural cities”



Natural cities house 35% of the people on 2.3% of the land area

Natural Cities



124 city clusters in developing Asia

28 city clusters have a population of 10 million or more

City Clusters

Realizing the full and long-term benefits of cities as engines of growth, jobs, and innovation requires an integrated agenda:

Cities

- Multi-modal public transport system
- Affordable housing
- Land-use planning and regulations
- Environmental sustainability

Urban Systems

- Inter-city connectivity
- Coordination of spatial and economic planning



Importance of Climate Action

ADB

"The battle for sustainability will be won or lost in Asian Cities"

- ✓ Scaling up climate finance
- ✓ Mobilizing the private sector
- ✓ Strengthening upstream, midstream, and downstream support
- ✓ Accelerating climate mitigation actions
- ✓ Enhancing adaptation and resilience





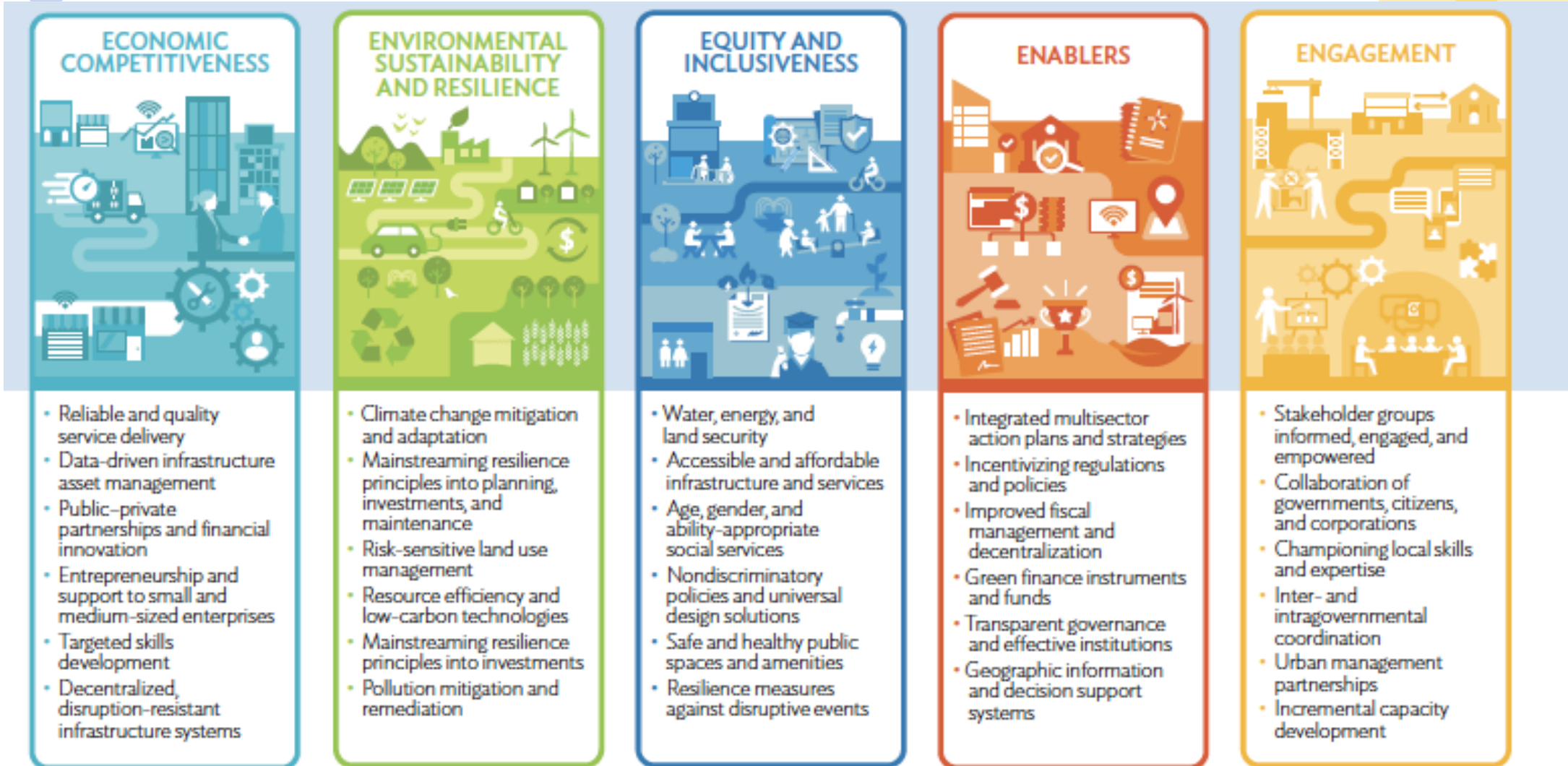
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02

Integrated Urban Action Plans

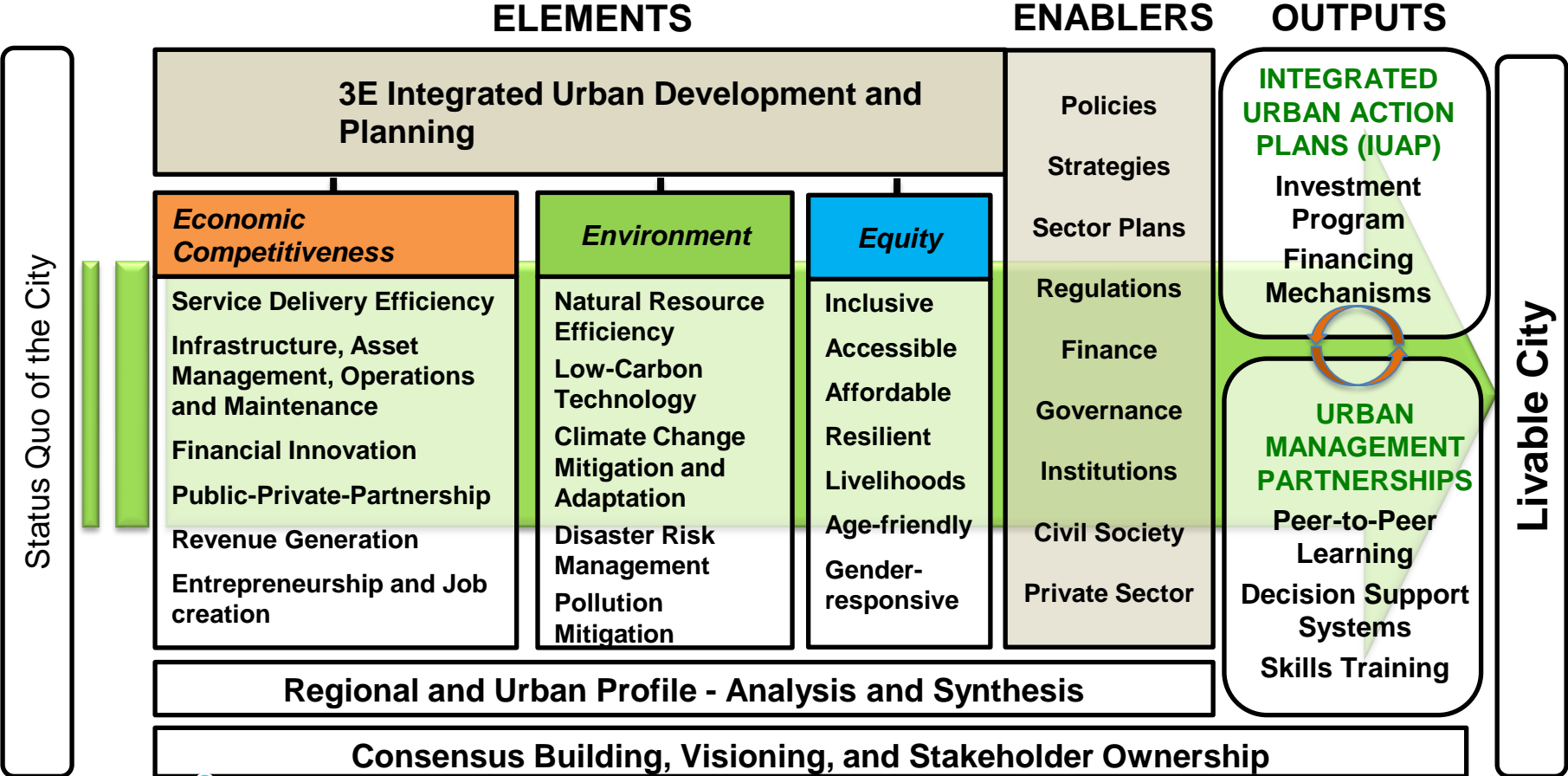
ADB's Approach to Urban Development

5E Livable Cities Framework



Source: ADB. 2021. [Creating Livable Cities: Regional Perspectives \(adb.org\)](#); Adapted from Sandhu, S. and Naik Singru, R. 2014. [Enabling GrEEen Cities: An Operational Framework](#). Southeast Asia Department Working Paper Series No. 9. November 2014. Asian Development Bank. Manila.

Livable Cities Operational Framework



Source: Naik Singru, R. 2017. TA-9220. *Livable Urban Areas: Integrated Urban Plans for Balanced Development*. ADB: Manila; Adapted from Sandhu, S. and Naik Singru, R. 2014. *Enabling GrEEEn Cities: An Operational Framework*. Southeast Asia Department Working Paper Series No. 9. November 2014. Asian Development Bank. Manila.



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03

Livable Cities Case Studies



Georgia: Livable Cities Investment Project Design for Balanced Development

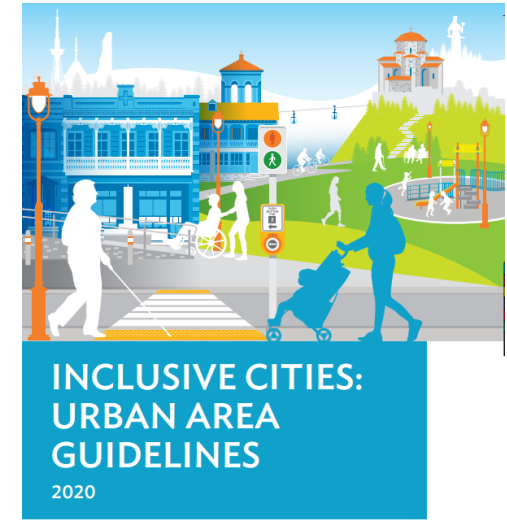
- **ADB's flagship project for Livable Cities** and the first integrated urban development sector loan modality project in Georgia.
- Aligned with socio-economic plans - Georgia 2020, Renovated Regions 2021-2025, Tbilisi Landuse Master Plan; ADB Strategy 2030 (7 Operational Priorities)
- The Project outcome will be **improved livability, balanced development and inclusive economic activity** in Georgia's regions and Tbilisi.
- The project will **improve the quality of life** of 1.18 million people in Tbilisi and 354,730 people with integrated urban solutions for inclusive and climate-resilient urban infrastructure and services; **improved accessibility urban mobility and connectivity**, and economic competitiveness; and enhanced institutional capacity.
- **ADB value addition and Innovation:** Leveraging investments (upgrading city centers, community infrastructure and tourism sites) to stimulate economic activity and improve livelihood opportunities, Urban Management Partnerships, Business Development Facility - mSME development -women entrepreneurs.
- **Inclusive Cities Guidelines:** Accessible and Universal Design Standards applied



Approval	:	21 Nov 2021
Completion Date	:	Dec 2027
Modality	:	Project Loan
Total cost	:	€ 148.7 million
- ADB	:	€ 99 million
- Government	:	€ 49.7 million



Georgia: Livable Cities Investment Project Design for Balanced Development



Policy, Legal, Regulatory Framework



Participatory Integrated urban planning and management



Improve **public spaces and green parks**



Promote **health and safety standards** in urban projects – kindergartens, sports facilities



Improve **accessibility** and universal design standards and gender-sensitive design with the **Inclusive Cities** Guidelines

Infrastructure and Service Delivery



Provide **climate-resilient infrastructure**



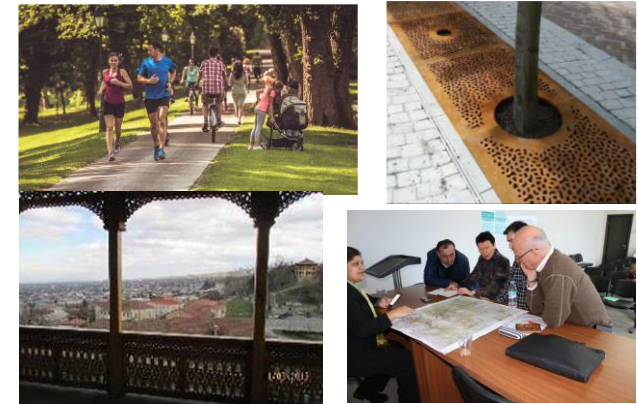
Protect **Ecosystems & natural assets**; promote **nature-based solutions**



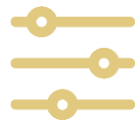
Preserve cultural heritage & enhance tourism



Improve public transport connectivity and **mobility**



Institutional Effectiveness



Strengthen institutional capacity



Urban Management Partnerships – urban governance, finance, skills development



Support alternative livelihoods – **agribusiness, tourism development**



Business Development Facility - Promote private sector-driven skills development



Youth Engagement

Integrated Urban Development

City Visioning

SWOT Analysis

Participatory Planning

Asset Mapping

Internship and Shadowing

- Youth for Asia supported the implementation of a geographic information systems (GIS) mapping activity with local youth in Mestia, Georgia for students from a vocational college
- GIS and Community Mapping Youth Outreach was part of the youth job-shadowing component of the ADB Livable Cities TA.
- Students were trained in GIS and tasked to create their own city maps during an asset mapping transect walk.
- Over 120 key locations, urban facilities and services, as well as other community and cultural heritage assets were identified.



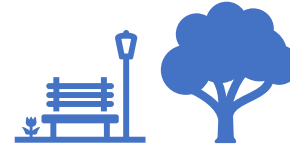
Tbilisi Integrated Urban Development and Mobility Planning



Tbilisi Transport Plan 2023-2050



Tbilisi Metro Stations Rehabilitation – Accessibility and Second Access Project



Public Parks and public space management



Superblocks



Traffic Management



68% metro network accessibility (15 stations)

- Full mechanised access
- 68% Indoor + outdoor accessibility
- Non-mechanised access
- 32% No accessibility



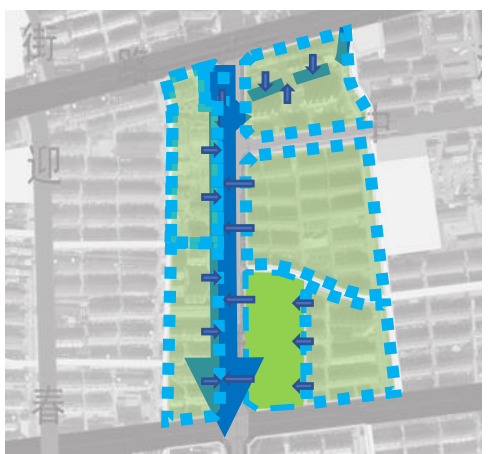
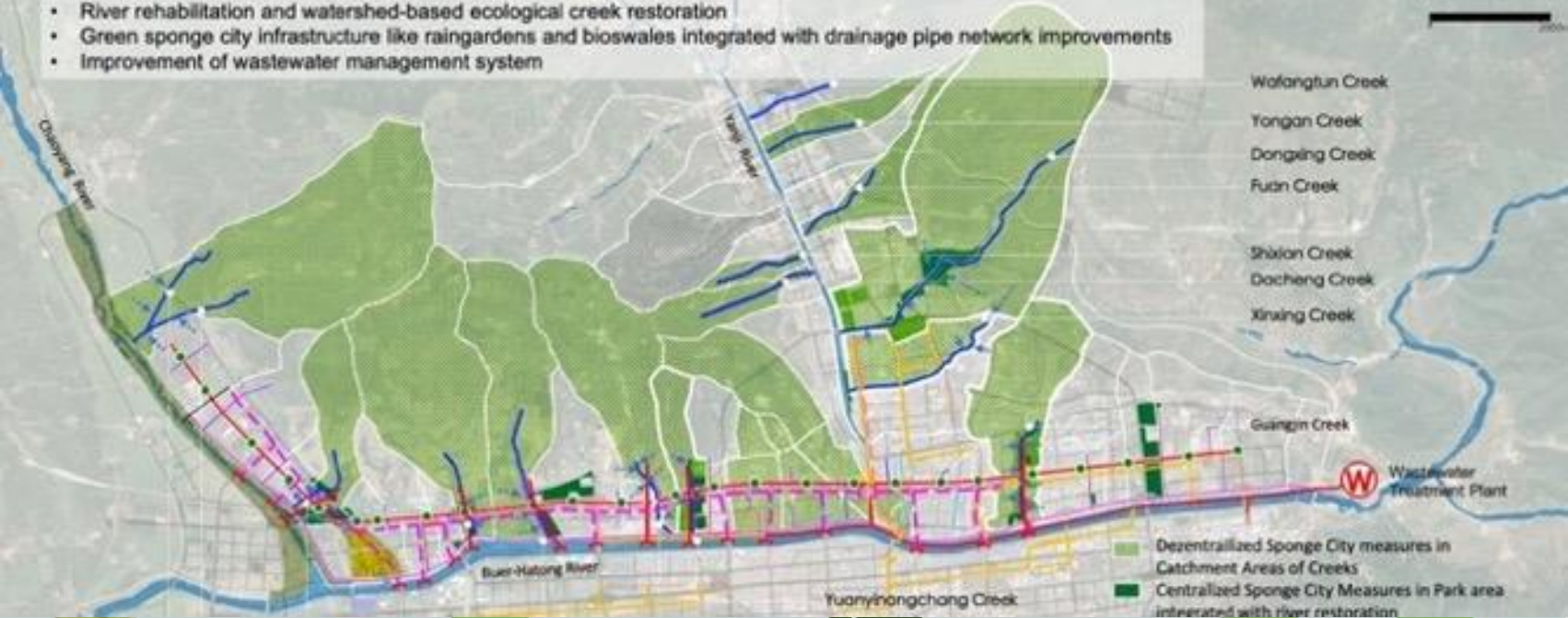
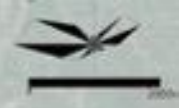
Tbilisi Metro Station Upgrades – Accessibility and Access.



Tbilisi Metro - Akhmeteli Theater Station: Upgrade the Existing Entry Plaza and Existing Access Point to the Metro.

Jilin Yanji Low-Carbon Climate-Resilient Healthy City Project - Sponge City Green Infrastructure Masterplan

- Integration of non-motorized transport with bus-rapid transit system
- River rehabilitation and watershed-based ecological creek restoration
- Green sponge city infrastructure like raingardens and bioswales integrated with drainage pipe network improvements
- Improvement of wastewater management system



PRC: Jilin Yanji Low-Carbon Climate-Resilient Healthy City Project



- ADB Project Loan \$130 million equivalent of \$260 million total investment, approved 2019 and currently under implementation
- First bus rapid transit (BRT) line in the city Connects major urban functions and areas following **“compact city”** and **“transit-oriented development” (TOD)** principles
- Improved bicycle and pedestrian networks and create new small streets and green links
- **Linear green parks as NBS green infrastructure** integrated with improved drainage pipe network
- Improved health outcomes, environment and healthy lifestyles and safe links to schools and hospitals. Health impact assessment and **healthy and age-friendly city masterplan** during implementation.



Pakistan: Zu Peshawar Bus Rapid Transit

