



Supporting Environmentally Sustainable Urban Development in Asia

Presentation for High Level Seminar on Environmentally Sustainable Cities, 3 March 2016, Hanoi

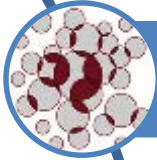
Eric Sidgwick, Country Director for Viet Nam
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ADB

Challenges for Sustainable urbanization



Rapid urban growth



Multiple agencies/ divided mandates in the urban sector



Financing gap- a quantitative annual gap of USD 60 billion in urban infrastructure investments



Weak project administration capacity of governments



Vulnerability to Climate Change related disasters

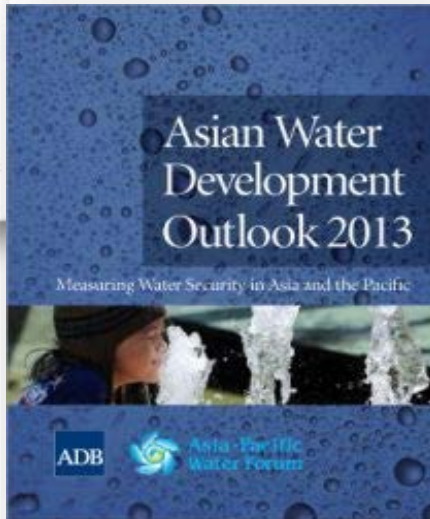
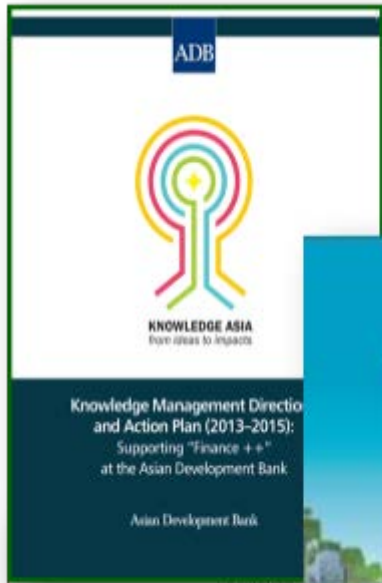


Poor solid waste and wastewater disposal



Lack of Integrated planning

Finance ++ at ADB



- Operations will average at \$22 billion annually in 2014-2016
- Co-financing is \$8.7 billion (average)
- Technical Assistance is \$300 million (average)

ADB's Private Sector Operations

Finance private transactions in
sector investments



Mobilize third-party capital



Fund investments

Portfolio Management





Developing GrEEEN cities (Economy, Equity, Environment):

- First GrEEEN cities project to be approved in Vietnam, 2016 (Hue, Vinh Yen, Ha Giang)
- Sponge cities in China



Integrated approaches to Urban Development

- Promoting cross-sectoral work in program design
- Sustainable urban transport projects in Vietnam (Hanoi, Ho Chi Minh) and Pakistan
- Visakhapatnam-Chennai Industrial (Economic) Corridor in India



Strategic Partnerships

- Leveraging co-financing for innovative projects (through GEF, GCF etc)
- Managing trust funds with contributions from various development partners (eg UFPF).



Enhancing Urban Climate Change Resilience:

- Projects incorporating climate change adaptation and mitigation measures
 - Special grants available for project development and TA
 - Doubling climate finance by 2030



Monitoring using the Sustainable Development Goals (Goal 11)

- Results Framework being aligned with SDGs
- ADBs strategy 2030 currently under development



Leveraging Support for Environmentally Sustainable Cities



Green Cities in Viet Nam & Sri Lanka -GEF

- Global partnerships on integrated cities approaches
- Climate change mitigation / adaptation & ecosystem-based approaches



Urban Climate Change Resilience trust fund

- Multi-donor trust fund to support medium sized cities in making climate change a central element of city planning
- Will support 6 transactions including PAK, IND, BAN, MYA, VIE



Cities Development Initiative of Asia

- Provides technical support to develop feasible project planning.
- Supporting 13 transactions including in GEO, PAK, IND, BAN, CAM, VIE, PRC, MON

Leveraging Support for Environmentally Sustainable Cities



Urban Financing Partnerships Facility (UFPF)

- Pools funds from development partners for supporting urban development activities that benefit especially the urban poor.
- Supports Prefeasibility and investment grants



Japan Fund for Joint Crediting Mechanism

- Provides financial incentives for the adoption of advanced low-carbon technologies in projects financed by the ADB.
- Pipeline: projects Waterworks and wastewater projects in Cambodia and Viet Nam



Future Cities Program

- Technical assistance for providing integrated planning and support to cities.
- Tbilisi, Colombo, Mandalay, Ho Chi Minh City, Bandung, Ulaanbaatar and Suva
- Centers of Excellence: WRI, CRCWSC, ETH-Zurich

Upcoming Initiatives



AZE: Reverse Osmosis Plant in Nakhchivan



Climate resilient infrastructure

- Create a Climate Finance Tracking Team
- Undertake Urban development projects with climate resiliency features (VIE: Secondary Cities Development Program-**Green Cities project**)

Use of high-level technology

- Use of desalination (reverse osmosis) technology in upcoming projects (Jaffna, Pacific)



Thank You

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2015 Spotlight Projects



VIE: Urban Environmental & Climate Change Adaptation Project

- \$100 million
- Investments to reduce coastal flooding through dune stabilization
- Capacity building on climate resilience
- Supported by the UCCRTF



GEO: Urban Services Improvement Investment Program

- Introducing operational efficiency through design-build-operate contracts
- Engaging a private company to improve institutional effectiveness of the Water Company
- Applying geospatial technologies to WSS utility operations



BAN: Dhaka Environmentally Sustainable Water Supply Project

- Ongoing support to Dhaka for non-revenue water reduction
- \$250 million design-build-operate contract for water intake, treatment and transmission – largest in the urban water space



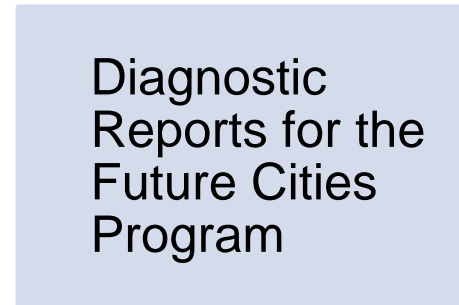
PRC: Western Counties Water & Wastewater Management Project

- Private sector participation
- Multisector concessions to improve resource efficiencies
- Use of cost competitive technologies

Knowledge Products



Upcoming Knowledge products



(Reference)



Upcoming Initiatives



Climate resilient infrastructure

- Create a Climate Finance Tracking Team
- Urban development projects with climate resiliency features:
 - VIE: Secondary Cities Development Program
 - IND: Kolkata Environmental Improvement Investment Program (T2)
- Urban water projects with climate resiliency features:
 - BAN: Dhaka Water Network Improvement Project
 - FIJ: Urban Water Supply and Wastewater Project