

A network diagram consisting of several nodes connected by lines. The nodes are colored: orange, purple, red, blue, and green. The text 'City STRENGTH' is overlaid on the diagram, with 'City' in a smaller font and 'STRENGTH' in a larger, bold font. The green node is positioned over the 'S' in 'STRENGTH'.

City STRENGTH

Resilient Cities 2018

Stephan Zimmermann, DRM Specialist, The World Bank



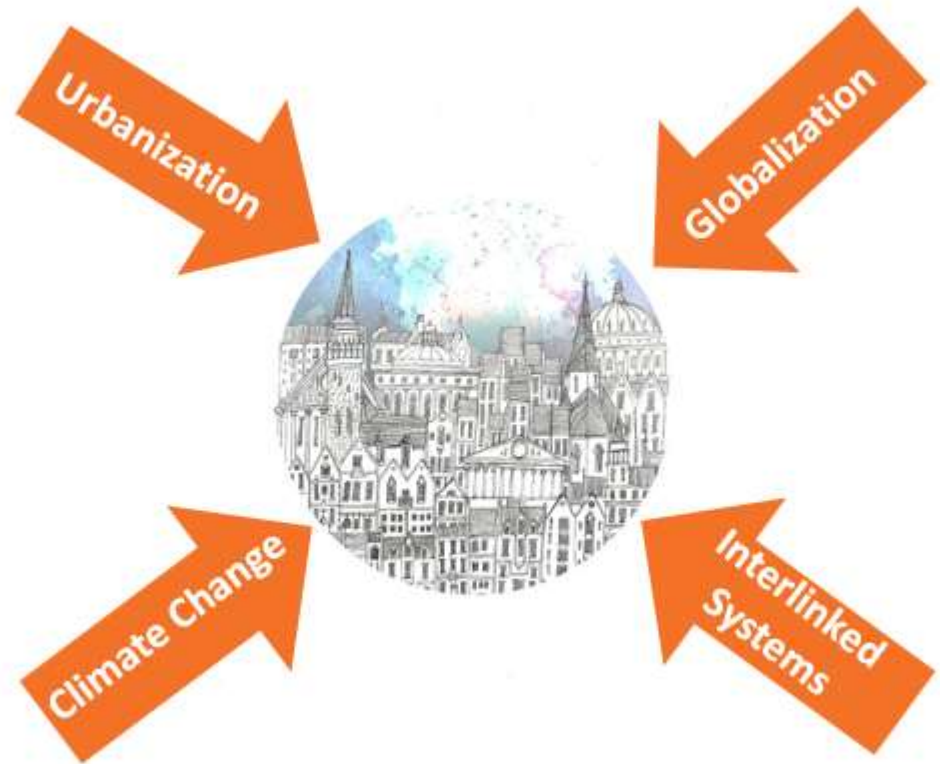
A *resilient city* can adapt to a variety of shocks and stresses while still providing essential services to its residents, especially the poor and the vulnerable.



Why focus on resilience?

The short answer:

- Risks are becoming more complex
- Urbanization, globalization, and climate change are interacting in a way that is unprecedented
- At the same time, systems and people are becoming increasingly interlinked
- This requires us to think differently about cities and how to address the risks they face

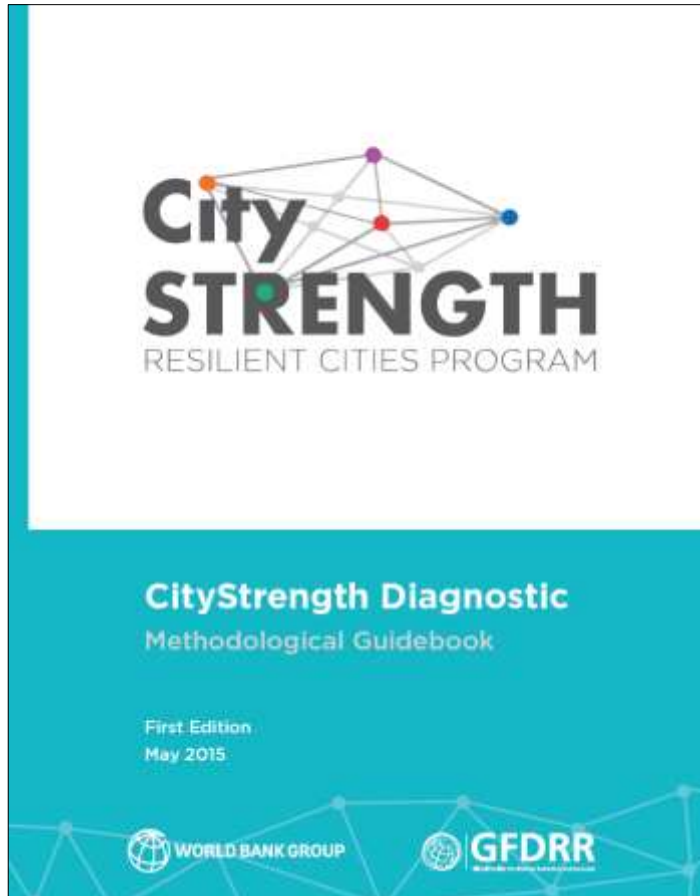


Urbanization is one of several forces making risks more complex and unpredictable



Because cities depend on a complex network of infrastructure, institutions, and information – the resilience of each informs the resilience of the city as a whole

Guidebook



- ✓ A step-by-step implementation roadmap
- ✓ Templates (city baseline; risk overview)
- ✓ Presentations (launch workshop; debriefing session)
- ✓ Sample agendas (launch workshop; interview & field visit activities)
- ✓ Worksheets (guiding questions; prioritization lenses)
- ✓ Guidance on analyzing findings and prioritization of issues

Revised Edition in May 2018!



- Facilitates a *dialogue* with city stakeholders about risk, opportunity, and the *performance of urban systems*
- An engagement *process*, not a study
- Helps cities identify *priority actions and investments* for more in-depth support from the World Bank or other development partners
- Provides a *multi-sectoral team* of specialists with a methodology for engaging with the city on the topic of urban resilience
- Measures the city's performance against pre-defined *qualities of resilience*

Stages of the CityStrength Diagnostic

ENGAGEMENT

CityStrength Diagnostic

NEXT

Stage 1



Pre-Diagnostic Review

Review and synthesize what has already been studied in the city. Compile data and prepare base maps.

Stage 2



Launch Workshop

Get stakeholders together, explain the process, share and confirm findings of the Desk Review, and define/confirm shocks and stresses.

Stage 3



Field Visits & Interviews

Talk to local experts, officials, community members, and conduct site visits. Update base maps.

Stage 4



Prioritization Session

Working session to share sectoral findings and agree on priorities and follow-on actions to recommend.

Stage 5



Recommendations & Action Plan

Closing session with local leaders to summarize findings of the Diagnostic and agree on priorities and next steps.

Engagement plan

Studies and surveys to fill data gaps

Feasibility studies for critical infrastructure or programs

Scope for technical assistance

Concept for a project

Diagnostic could be used with existing Bank clients or as a means of engaging with a new client – this will impact its focus.

Sectoral Modules

Required Modules:



Urban Development



Disaster Risk Management



Community & Social Protection

Optional Modules:

HUMAN SERVICES:



Education



Health

ECONOMICS:



Municipal Finance



Local Economy

BASIC SERVICES:



Energy



Environment



Solid Waste



Transportation



Water & Sanitation

TECHNOLOGY:



Information & Communications
Technology



Logistics and Supply Chains

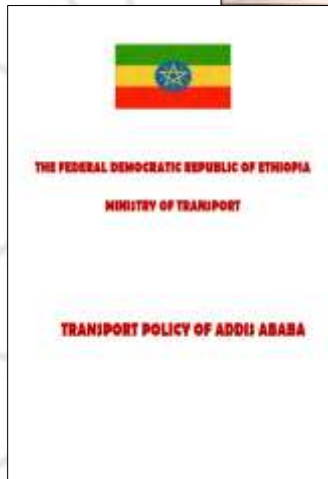
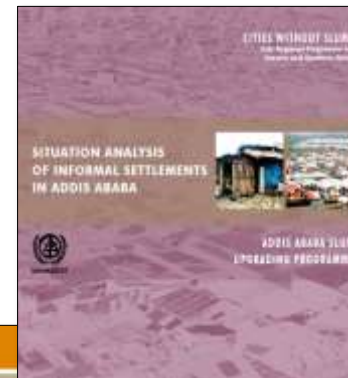
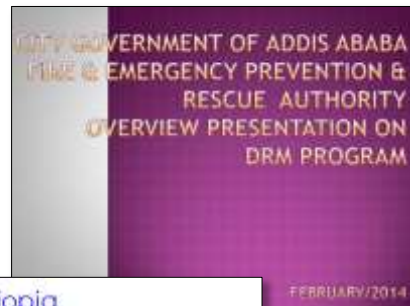
New Modules (2018):

- Cultural Heritage
- Flood Plain Management
- Food Systems



Stage 1: Pre-diagnostic Data Collection

- Leverage existing studies, plans, and data
- Map actors and initiatives
- Introduce local stakeholders to the CityStrength Diagnostic and engage their support





Stage 2: Launch Workshop

- Inform relevant stakeholders about planned activities
- Place the interests and priorities of the city into a holistic framework of resilience
- Demonstrate commitment by high-level government officials
- Get confirmation on the main findings of the pre-diagnostic, including hazards and priority sectors

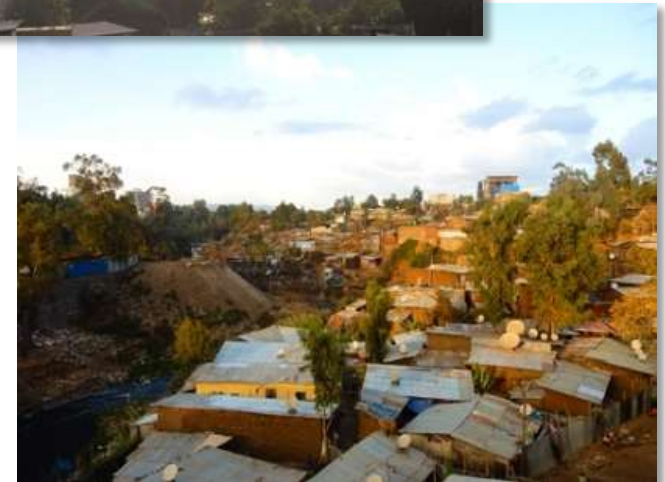


WORLD BANK GROUP		City STRENGTH	
Launch Workshop – Addis Ababa Monday February 23, 2015			
9:00-9:30 Welcome & Introduction			
9:00-9:15	Welcome by the City of Addis Ababa	City of Addis Ababa	
9:15-9:25	Welcome & Overview of World Bank Engagement in Addis Ababa	Lars Christian Weber/World Bank	
9:25-9:30	Introduction & Objectives of the Workshop	Cathy Lynch/World Bank	
9:30 - 10:45 Addis Ababa Plans and Goals			
9:30 - 10:25	Master plan and goals for Addis Ababa	Mathewos Adewale/ City of Addis Ababa	
10:25 - 10:45	Discussion and questions	Abelaw Alemayehu/World Bank	
10:45-11:00 Coffee & Tea Break			
11:00 - 12:30 Urban Resilience & the CityStrength Diagnostic			
11:00-11:30	Urban Resilience & the CityStrength Diagnostic	Cathy Lynch/World Bank	
11:30-11:45	Pre-Diagnostic Findings	Ayale Woldeab/World Bank	
11:45-12:30	Group exercise on strengths and stresses to Addis	Ayale Woldeab/World Bank	



Stage 3: Interviews & Field Visits

- Assess the performance of key urban sectors in relation to the characteristics of resilience
- Guiding questions (sectoral modules) provided to sector specialists





Stage 4: Prioritization

Prioritization Process:

- Helps structure and analyze sectoral findings
- Takes a flexible approach – “no one-size-fits-all”
- Supports a shift from sectoral silo thinking to cross-sectoral discussion
- Emphasizes actions and investments demonstrating co-benefits

Prioritization Lenses:

1. Shock and Stress Assessment, and immediate threats
2. Dependencies and Interdependencies
3. Holistic Resilience
4. Alignment with Local Goals

Resource 19: Prioritization Lens 2

PART A - IMPACT FROM OTHER SECTORS

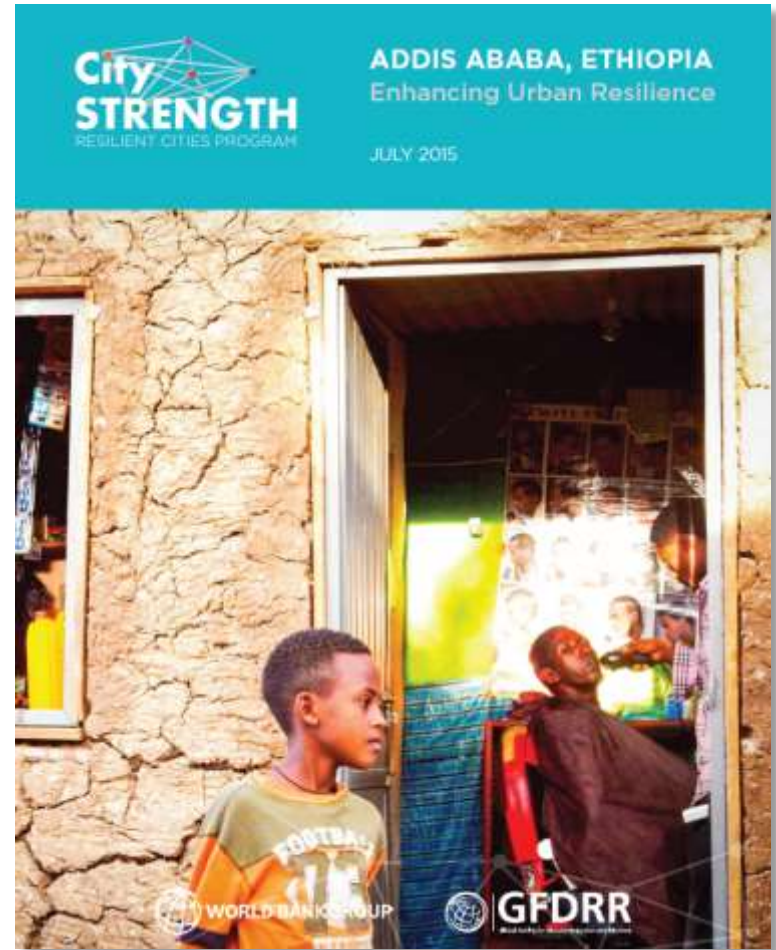
If any other urban sector were to be damaged or impacted by a shock or stress, how might this impact your sector? Review horizontally. Leave blank if no impact. When completed, highlight areas of significant impact in red.

SECTOR	Communicable and Social Protection	Disaster Risk Management	Education	Energy	Environment	Health	ICT
Equal and fair access to basic services, Social cohesion, Resilience, Support for vulnerable group	Preparation, Response mechanisms, Disaster prevention, Mitigation	Complete coverage, Substantial attainment, Continuity, Continuation of education facilities	Secure supply of power, Continuity of services in the event of disruption	Environmental protection, Stability of the urban ecosystem	Emergency health services, Basic health services, Resilience in the event of disaster	High growth, Economic growth, Ensure ICT infrastructure delivery / connectivity	
IMPACT FROM OTHER SECTORS							

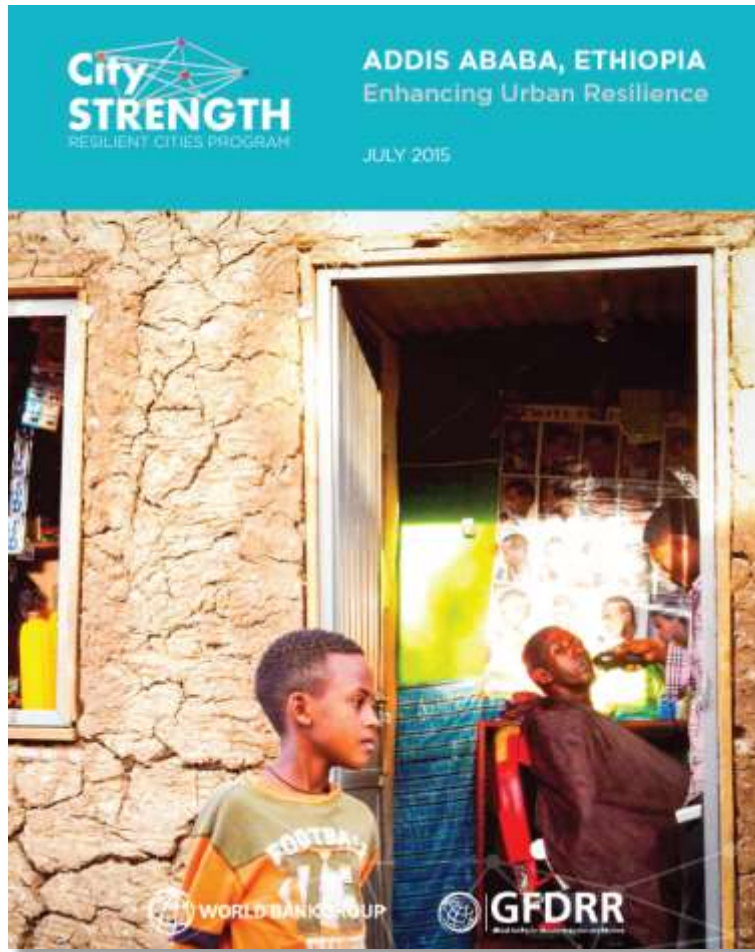


Stage 5: Debriefing & Discussion

- Present and discuss recommendations with the city leadership
- Agree on priority actions and critical investments needed to enhance the city's resilience
- Agree on next steps for engagement



CityStrength Diagnostic Pilots





Can Tho, Vietnam

Priority Actions

- **Strengthen institutional capacity and legislative frameworks** for an effective integrated flood risk management approach.
- Enhance the **collection, sharing, and use of data** on public assets, buildings, population, and risks.
- Improve the analysis of climate impacts through **standardized damage and loss assessment procedures** that will enable local officials to quantify the impact of flooding on the local economy and budget.
- Strengthen **financial management and capital investment planning** to facilitate better prioritization, monitoring, and achievement of economic development goals for more sustainable infrastructure investments.

Priority Investments

- **Flood protection measures** in the urban core to make it a more attractive and safe place to live and do business.
- Use **transport investments** to guide urban growth to higher elevation areas and meet the needs of a modernizing city.
- Invest in **sanitation** to protect public health and support the economic base of the city.
- Continue to focus on **urban upgrading** as a means of addressing encroachment on drainage canals and targeting support to poor and vulnerable groups in the city

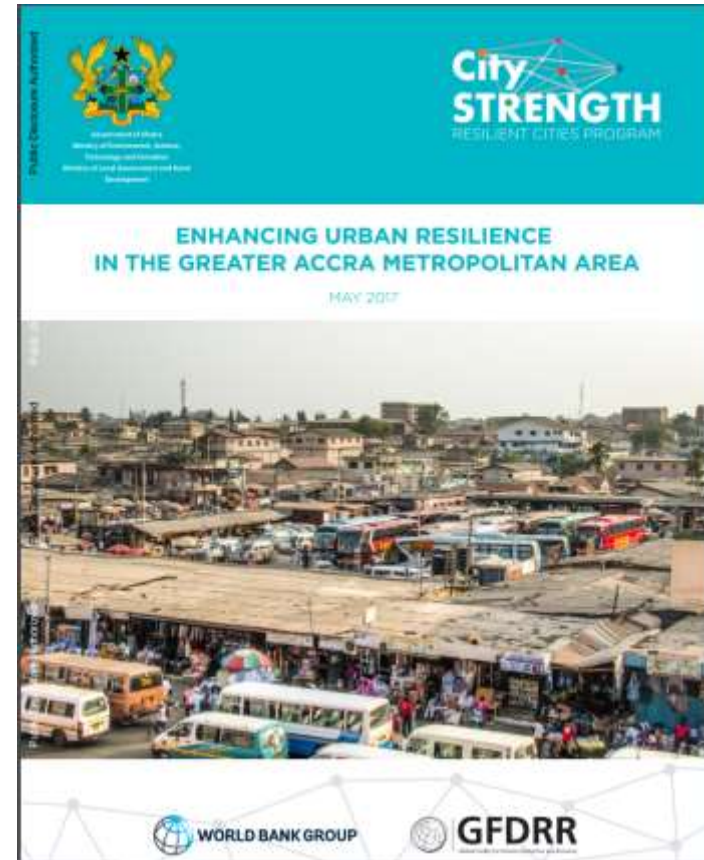
CityStrength Diagnostic Implementation

ETHIOPIA:

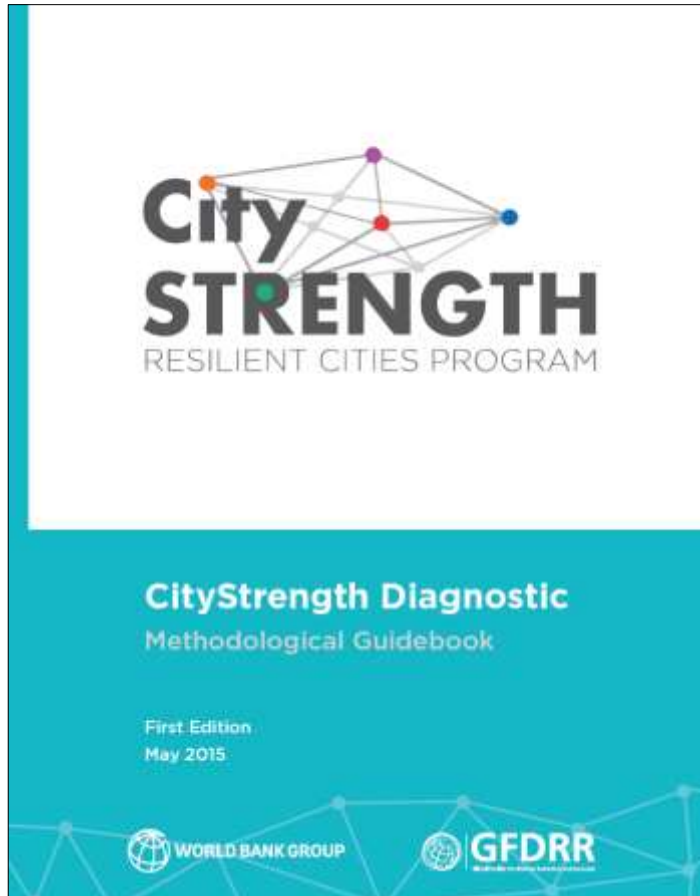
- Implemented in 10 additional cities

ACCRA, GHANA:

- Implemented at metropolitan scale in 16 municipalities



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THANK YOU

<http://www.worldbank.org/en/topic/urbandevelopment/brief/citystrength>

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