



**Donovan Storey**  
Head of Green Cities  
Email: [donovan.storey@gggi.org](mailto:donovan.storey@gggi.org)  
Tel: +82 70 7117 1140

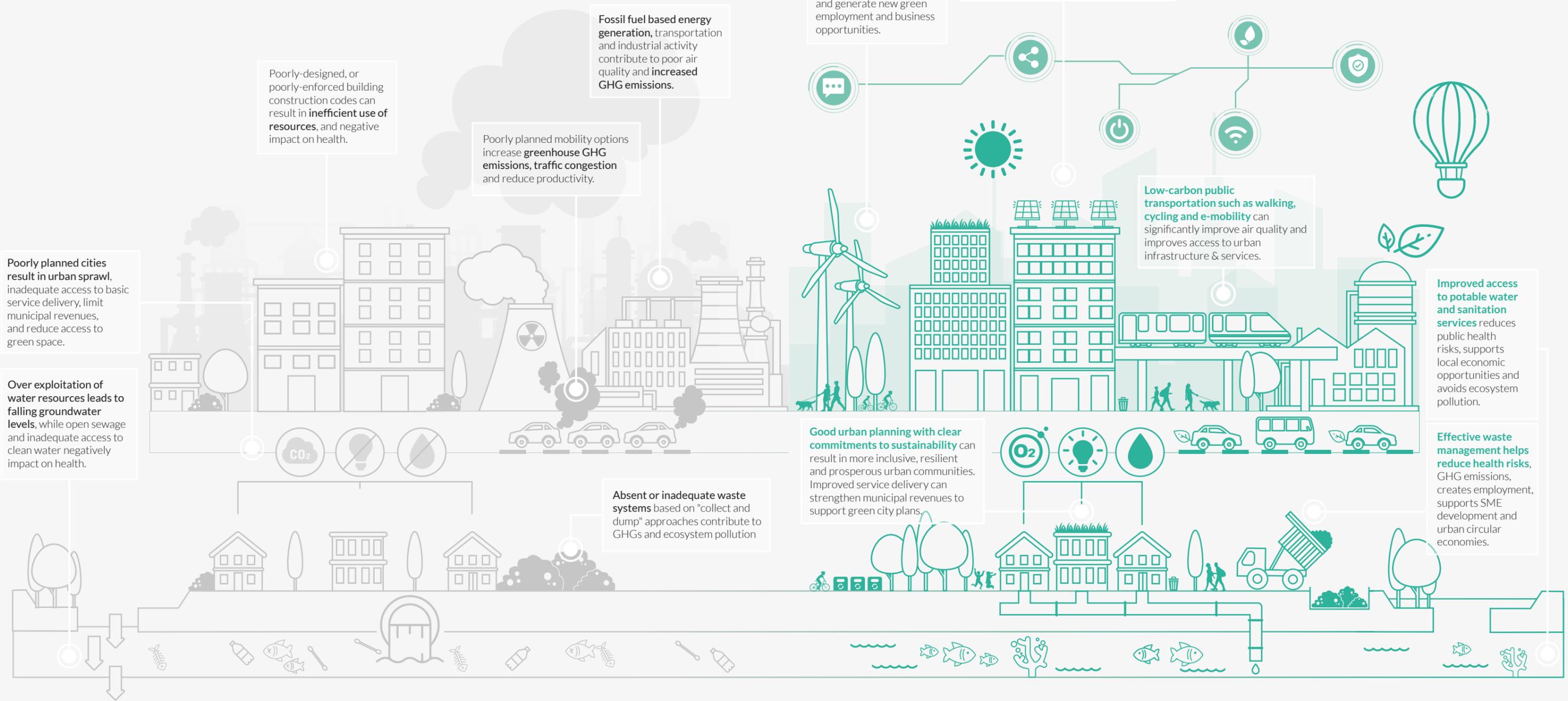
To learn more about us:  
 [GGGI.org](http://GGGI.org)

 [@GGGI\\_HQ](https://twitter.com/GGGI_HQ)  [GGGIHQ](https://www.facebook.com/GGGIHQ)  [GGGI\\_Media](https://www.youtube.com/GGGI_Media)



# GREEN CITIES

## CHAMPIONING GREEN GROWTH AND CLIMATE RESILIENCE



LESS SUSTAINABLE

- +

MORE SUSTAINABLE

- **Poorly planned urbanization increases GHG emissions and congestion,** degrades ecosystem services, and negatively impacts quality of life.
- Resource **intensive cities limit productivity** and the economic potential of cities.
- **Lack of financial resources** in municipalities prevents investment in sustainable infrastructure, and reduces investment opportunities.

**Green cities can play a key role in supporting national and global commitments to sustainability.** Cities that pursue resource efficient, low carbon, climate resilient and socially inclusive urban development, will ultimately be more liveable, prosperous and competitive.

- **Cities with a commitment to sustainable outcomes are more productive,** inclusive and liveable.
- They demonstrate commitment to providing access to **urban services, green spaces, and low-carbon mobility.**
- Through **innovation in waste management, green infrastructure and transport,** new economies are created that provide sustainable employment opportunities.
- Cities that are **low-carbon and resilient play a substantial role** in supporting the SDGs and Paris Agreement.



# OUR GREEN CITIES

## VALUE CHAIN



As a first step, GGGI undertakes an initial diagnosis and green impact assessment with key stakeholders that focuses on entry points for green cities planning and project development.

GGGI conducts a baseline assessment of urban needs and gaps, and identifies risks and opportunities with attention to capacity and resources. This stage establishes key gaps, and how a green city approach can result in more sustainable solutions.

This stage also includes carrying out an overall assessment to build awareness and a business case for green growth both at the national and sub-national level. These are used to determine the importance of yielding co-benefits through urban green growth planning - across social, environmental and economic benefits and returns.

GGGI engages with the relevant stakeholders in the urban context to develop an appropriate institutional arrangement for continued engagement, including project development, implementation and financing.

GGGI supports planning and policy development across key urban sectors, which may include, reviewing of national and subnational policy frameworks for the organization's priority areas in the urban sector, conducting a problem tree analysis, and performing a needs-based assessment.

Through a consultative and participatory approach, GGGI identifies opportunities to set clear targets through policy interventions or project ideas requiring investment in the priority sectors.

The concepts of circularity, low carbon, social and gender inclusion, and economic

opportunity for all are cross cutting approaches that are embedded in GGGI's urban programs.

GGGI prioritizes mainstreaming green growth into urban planning, management and finance, supporting circular urban systems and economies - eg solid waste management, and sustainable transportation and mobility - in achieving connected and healthy cities.

GGGI works increasingly in secondary cities that have the opportunity to leapfrog their development to mainstream a green growth approach at an early stage.

GGGI focuses on supporting partner countries by designing business models and outlines initial budgeting and resources required for selected projects. GGGI identifies relevant partners for engagement and then conducts resource mobilization to finance the project through public and private sources. GGGI carries out preparatory studies in support of a detailed financial assessment and business model, as well as replication, or scale up plans where needed. GGGI provides support in designing, structuring, and identifying potential financiers and investors.

As part of its services, GGGI seeks public capital to mobilize private sector investment through developing bankable funds, financial instruments, and National Financing Vehicles (NFVs), while addressing knowledge gaps and challenges in GGGI partner countries.

### How GGGI's work on Green Cities contributes towards our Strategic Outcomes

Green Cities Focus Areas	GHG emissions	Green Jobs	Access to services	Air quality	Ecosystem services	Adaptation
<p>Mainstreaming green growth into urban planning, management and finance.</p> <p>Supporting circular urban systems &amp; economies.</p> <p>Sustainable transportation and mobility; connected &amp; healthy cities.</p>	<p>Reduction in GHG emission through increased green public spaces; strengthened municipal finances to fund climate resilient urban infrastructure; green buildings; use of smart city applications to support low-carbon cities.</p> <p>Reduction in GHG emissions through better management of solid waste, with a focus on organic waste (through waste-to-energy), reduced transportation of waste from source to landfills.</p> <p>Reduction in GHG emissions through increased use of low carbon fuels and e-mobility, and support of integrated non-motorized transportation.</p>	<p>Enhanced livelihood opportunities including support for existing employment and generation of additional employment in urban services in support of circular urban economies.</p>	<p>Expansion of access to affordable and reliable urban service delivery including waste management; low carbon mobility and non-motorized transportation; renewable energy; water and sanitation.</p>	<p>Improved air quality in urban areas through reduction in particulate matter and local air pollutants.</p>	<p>Generation and protection of sustainable ecosystems and ecosystem services in urban areas.</p>	<p>Urban infrastructure development with increased climate resiliency; and Ecosystem based Adaptation in urban areas.</p>





# OUR WORK ON GREEN CITIES AROUND THE WORLD

## 20 Countries



**Burkina Faso**  
Green Cities Development Guidelines

**Cambodia**  
Green Urban Development Program  
Solid Waste Management

**Fiji**  
Low Emissions Development Strategy

**Fiji, Kiribati and Vanuatu**  
Ecosystem based Adaptation  
Solid Waste Management

**India**  
Waste to Energy

**Indonesia**  
Green Industry

**Jordan**  
Solid Waste Management

**Lao PDR**  
Solid Waste Management  
Green Cities Development Strategy

**Mexico**  
Subnational Green Growth

**Mongolia**  
Green City Planning  
Green Building Materials

**Myanmar**  
Green Cities Development Planning

**Nepal**  
Green Municipal Development Program  
Electric Mobility

**Philippines**  
Green Cities Development

**Rwanda**  
Green Secondary Cities Development  
Solid Waste Management  
Green Building Materials

**Senegal**  
Green Secondary Cities Development  
Decentralized Sanitation

**Thailand**  
Green industry  
e-waste

**Uganda**  
Waste to Resource  
Green Building Materials

**Viet Nam**  
Green City Planning  
Urban NDCs

### Who we work with

In supporting the development of Green Cities, GGGI works with global, regional and local partners and institutions to deliver its programs. This has included C40 Cities, the New Climate Economy Coalition for Urban Transitions, Organisation for Economic Co-operation and Development, World Resources Institute, African Development Bank, UN Habitat, Climate and Clean Air Coalition, Secretariat of the Pacific Regional Environment Programme, Korea International Cooperation Agency, Green Climate Fund, Asian Development Bank, International Solid Waste Association, and CityNet, among others.