



Catalyzing Low Carbon Development in Southeast Asian Cities

Ranell Martin M. Dedicatoria

Regional Program Manager

ICLEI Southeast Asia Secretariat (ICLEI SEAS)

In 1990, ICLEI was founded as the “**International Council for Local Environmental Initiatives.**” In 2003, the organization became “**ICLEI - Local Governments for Sustainability.**”



ICLEI is the **leading global network of 1,500+ cities, towns and regions** committed to building a sustainable future. Through our collective efforts, we impact **more than 25 percent of the global urban population.**

ICLEI Offices around the world





ICLEI's Five Urban Pathways

**Low Emission
Development**



**Nature-based
Development**



**Equitable &
People-centered
Development**



**Circular
Development**



**Resilient
Development**



LOW EMISSION DEVELOPMENT



The low emission development pathways curbs climate change, creates new economic opportunities and improves the health of human and natural systems.

ICLEI Tools and Platforms to Support the Low Emission Development Pathway



GREENHOUSE
GAS PROTOCOL



ICLEI Tools and Platforms to Support the Low Emission Development Pathway

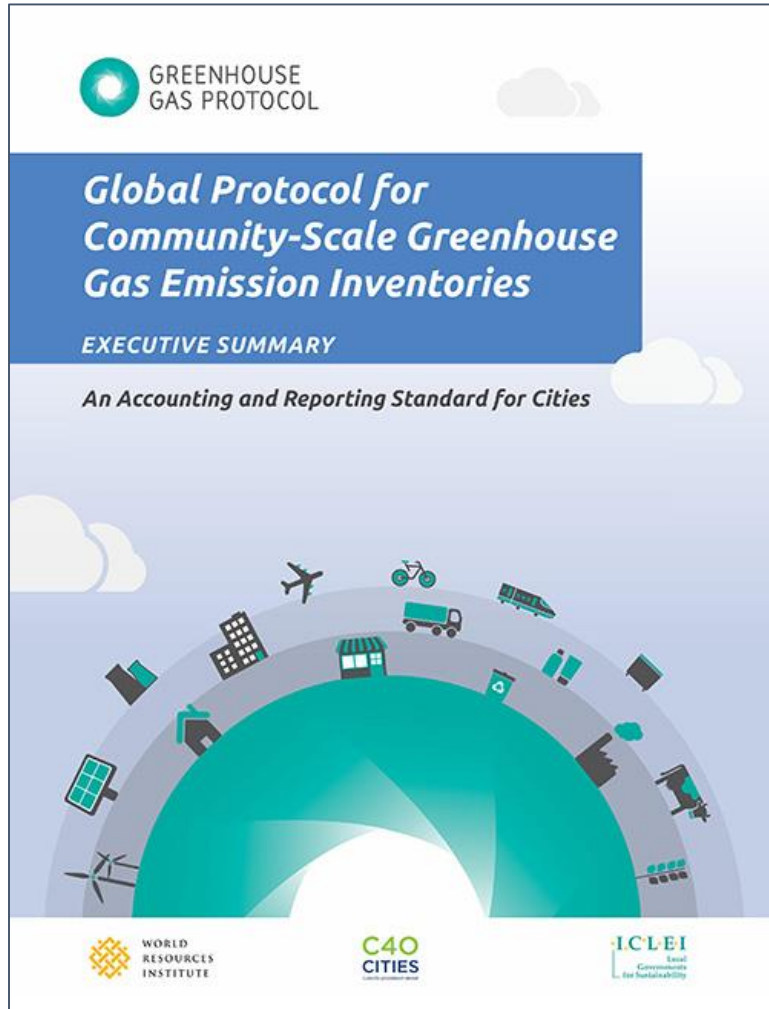


comprehensive *process methodology and framework* to guide and support local governments in defining, adopting and embedding a Low Emission Development (LED) pathway - helping to bring together people, policy, finance and technology to shape the transition.

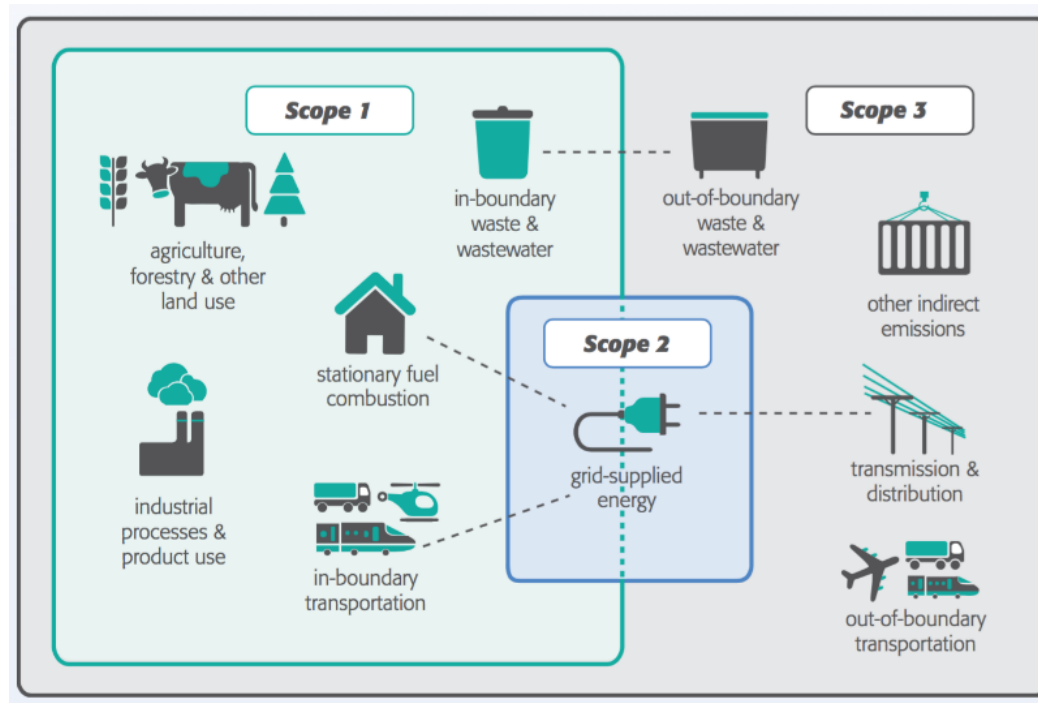
Key question the GCC responds to: How do you define and adopt low emission development in local planning and processes?



ICLEI Tools and Platforms to Support the Low Emission Development Pathway



Key question the GPC responds to: How do you conduct a city-level GHG emissions inventory?



Jointly developed by:



ICLEI Tools and Platforms to Support the Low Emission Development Pathway



- ✓ Voluntary and public reporting platform for local and subnational governments
- ✓ Uses reporting tools consistent with global standards and protocols and encourages measurable, reportable and verifiable (MRV) local climate action.
- ✓ Operated by the Bonn Center for Climate Action and Reporting, the carbonn Center, hosted by the ICLEI World Secretariat

Key question the cCR responds to: How do you report climate actions in a robust and transparent manner?

Some ongoing ICLEI projects with strong elements of low emission development



AMBITIOUS CITY PROMISES

Engaging citizens. Driving climate action.



URBAN LED S

URBAN LOW EMISSION DEVELOPMENT STRATEGIES

AMBITIOUS CITY PROMISES

Engaging citizens. Driving climate action.

A WORLD OF
LOCAL ACTION



ICLEI
Local Governments
for Sustainability

An international project which aims to support selected large cities in **Indonesia**, the **Philippines**, and **Vietnam** to establish strong GHG reduction commitments, local climate action plans directed by **concrete targets**, **enhanced multi-stakeholder engagement**, and **integrated strategies**.

Supported by:



Federal Ministry
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based on a decision of the German Bundestag

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AMBITIOUS CITY PROMISES

Engaging citizens. Driving climate action.

Drawing inspiration from the Promise of Seoul

- The **Promise of Seoul** was launched at ICLEI World Congress 2015 by Seoul Metropolitan Government.
- **Ambitious and comprehensive** strategy and climate action plan to reduce 20 million tons of greenhouse gas emissions by 2030.
- **10 million Seoul citizens** played a vital and active role in shaping the action plan and making their own pledges to reduce GHG emissions.



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Local
Governments
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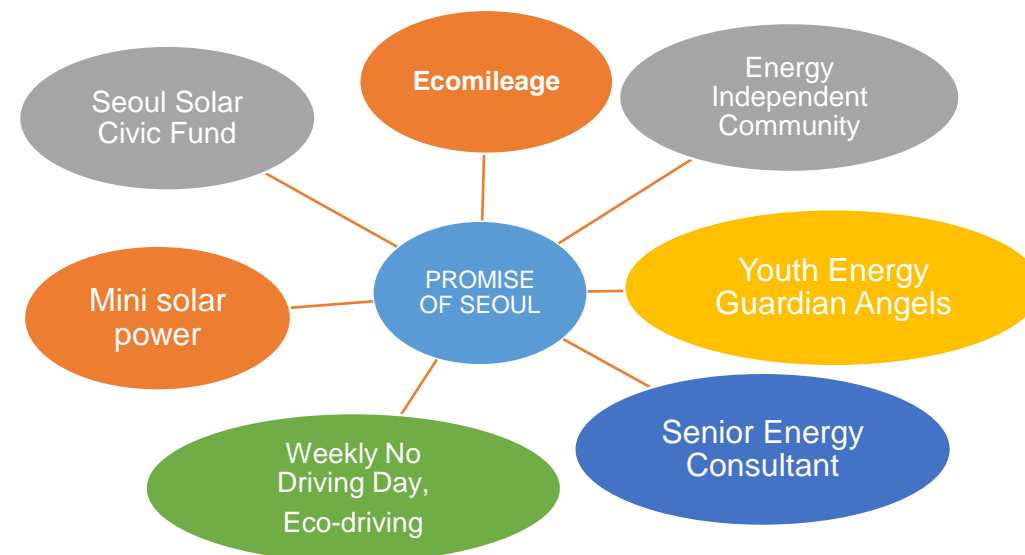
AMBITIOUS CITY PROMISES

Engaging citizens. Driving climate action.

Spreading the vision of Seoul



- In a rapidly urbanizing world, local governments and their communities play a pivotal role in tackling climate change.
- Need for...
 - Ambitious climate actions
 - Mainstreaming Low Emission Development
 - Capacitating local governments
 - Engaging relevant stakeholders



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AMBITIOUS CITY PROMISES

Engaging citizens. Driving climate action.

Launch of Ambitious City Promises (ACP)

Commitment for Low-Carbon Urban Development in Southeast Asian Large Cities



@Seoul Mayors Forum on Climate Change 2017 (20 October 2017)

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AMBITIOUS CITY PROMISES

Engaging citizens. Driving climate action.



**CITIES & REGIONS
TALANOA DIALOGUES**

and Exchange with experts from Seoul



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AMBITIOUS CITY PROMISES

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Support to GHG Emissions Inventory



Stationary Energy



Transportation



Solid Waste and
Wastewater



Industrial Processes & Product Use (IPPU)



Agriculture, Forestry, and
Other Land Use (AFOLU)

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AMBITIOUS CITY PROMISES

Engaging citizens. Driving climate action.

Public Consultations and Workshops with Relevant Stakeholders

- Stimulate discussion of the “City Promise”
- Solicit inputs from different stakeholder groups on how and what they can contribute to low carbon urban development



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AMBITIOUS CITY PROMISES

Engaging citizens. Driving climate action.

Social Media Campaign/s and Online Surveys

- Determine citizens' contributions and commitments to the "City Promise" (measure awareness of citizens and willingness to cut GHG emissions)
- Widen the project reach and induce further engagement from citizens



Instagram



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AMBITIOUS CITY PROMISES

Engaging citizens. Driving climate action.

Upcoming Activities

Consultation /
implementation



Formulation of concrete climate action plans – called City Promises – that set ambitious targets and integrate community pledges



Initial implementation of City Promises through pilot projects

Citizen
engagement



Platforms to collect pledges from key stakeholders including businesses and households

Outreach



Learning and cooperation opportunities with the Seoul Metropolitan Government and other peer cities



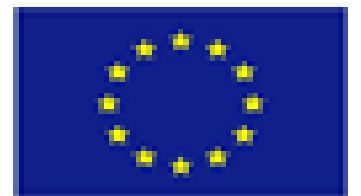
International reporting of aggregated city plans, actions and achievements via the carbonn Climate Registry (cCR)

Urban-LEDS II

Accelerating climate action through the promotion of Urban Low Emission Development Strategies



Funded by the European Union.
The views expressed on this document can in no way be taken
to reflect the official opinion of the European Union.



An Urban Low Emission Development Strategy (Urban LEDS),
defines a pathway to transition a city to a low-emission, green and
inclusive urban economy, through its integration into city
development plans and processes.



Project Duration: 2017 – 2021

Target Countries:

- From Phase I: Brazil, India, **Indonesia**, South Africa
- New countries in Phase II: Bangladesh, Colombia, **Lao PDR**, Rwanda
- Supported by 8 European cities



Objective: contribute to the reduction of greenhouse gas emissions through the promotion of Urban Low Emission Development Strategies (Urban LEDS) in cities/towns in emerging economies and least developed countries.

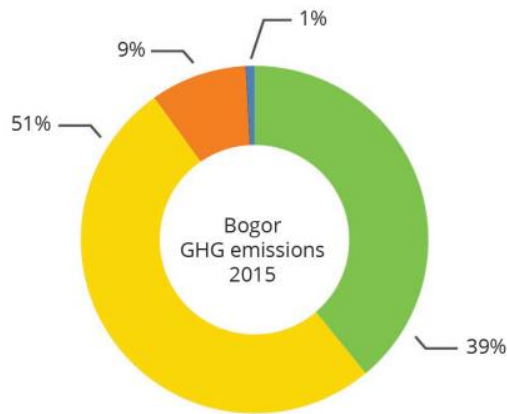


Urban-LEDS I: Success story in Bogor City

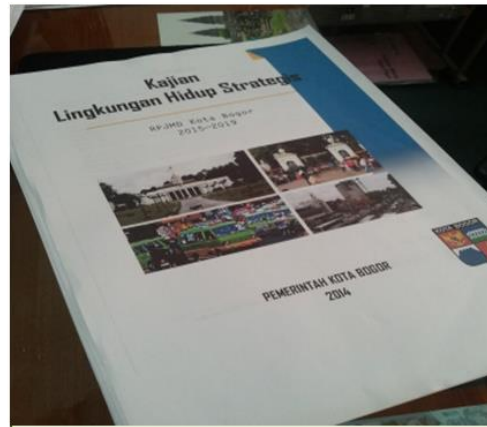
Community GHG inventory

GHG emissions from the community:

- 4'970'635 tCO2 (2013) *Scope 1 emissions



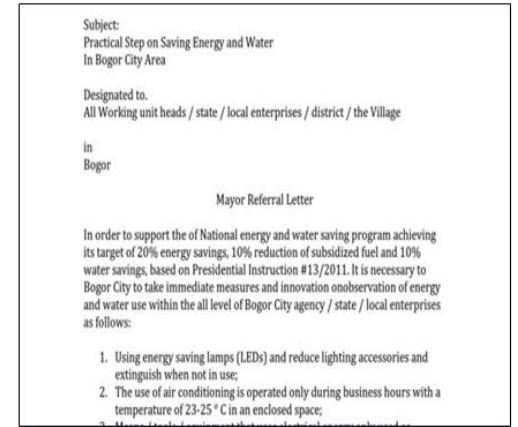
- Stationary energy
- Transport
- Waste
- IPPU
- AFOLU
- Other



City SEA for Mid-Term Development Plan 2015-2019



Include LEDS into the 2014 City Budget Revision



Mayor's Referral Letter on Energy Efficiency in Municipal Buildings

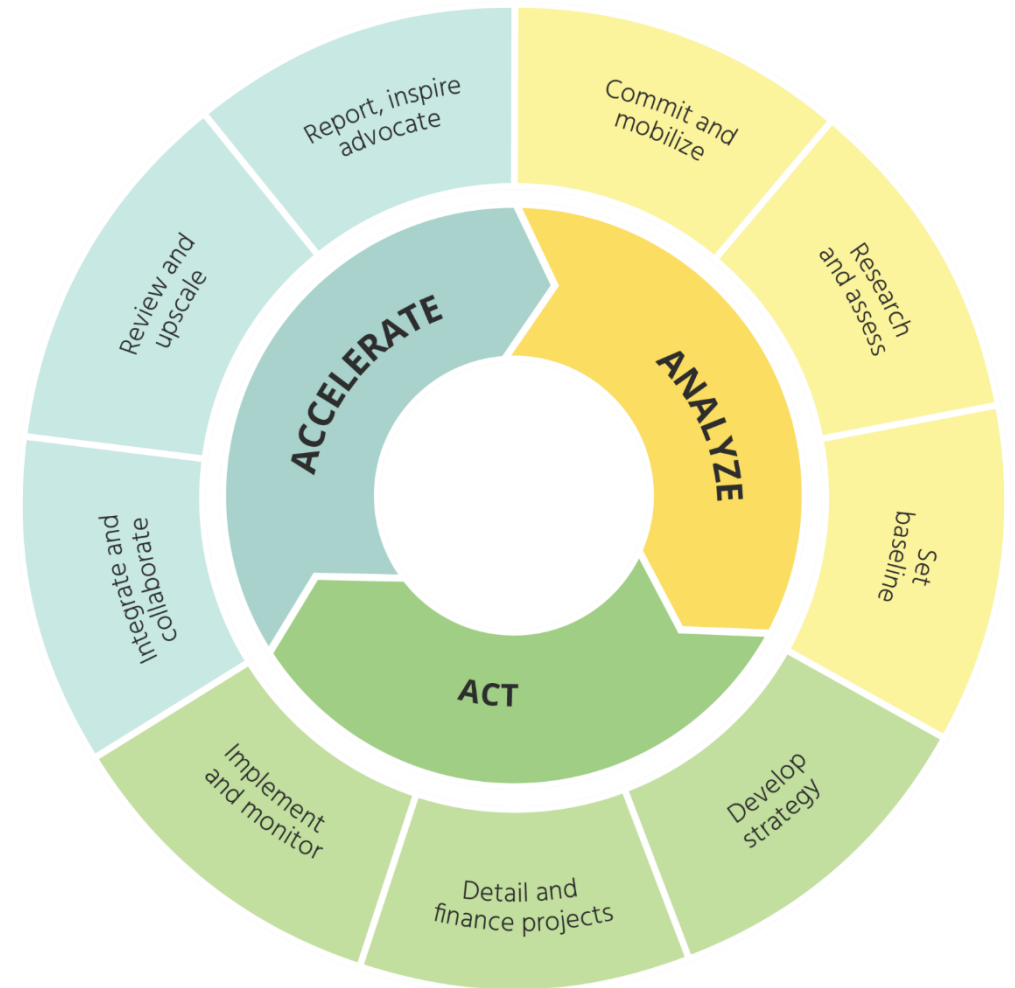


Phase I in numbers



Urban LEDS II: Main activities

- 8 new cities in Bangladesh, Colombia, Lao PDR, and Rwanda join the project
- Guided through the GreenClimateCities methodology to develop Urban LEDS and action plans



CITY ASPIRATIONS

New Countries

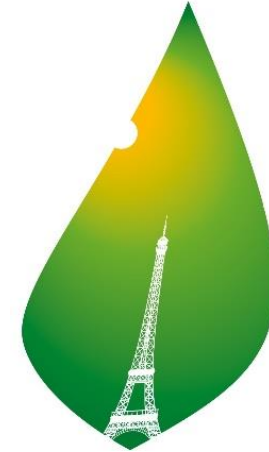
- Baseline emissions inventory
- Greenhouse gas reduction target
- Low Emission Development Strategy and Action Plan: delivering adaptation co-benefits
- Training, peer-to-peer learning, capacity building

Phase I Countries

- Consolidation of achievements
- Implementation of plans developed in Phase I
- Pilot projects and finance models for implementation
- Mentoring and sharing with new countries



Across all countries, Urban-LEDS II focuses on **multi-level governance of climate action** in support of national and local strategies and policies under framework of the **Paris Agreement**, through enhanced climate change reporting in **Nationally Determined Contributions**.



COP21 • CMP11
PARIS 2015
UN CLIMATE CHANGE CONFERENCE



Disseminating Low Carbon Concepts in the APEC Region

Production of case studies
(made available online)

Conduct of regional fora for
networking and exchange

Use of Website
and Social Media

Bogor, Indonesia
Embedding a low emissions approach into the municipal 5-year development plan

Following a comprehensive multi-stakeholder consultation effort, the Urban-LEDS City of Bogor reviewed its existing spatial planning frameworks and strategically integrated low emission development into its 5-year Development Plan. A comprehensive Strategic Environment Assessment also increased awareness and efforts across the city government for energy efficiency and other low emissions development working areas.

186 ICLEI Case Studies March 2016

Balikpapan, Indonesia
Moving from analysis to action through low-emissions development planning

Participation in Urban-LEDS provided rapidly developing Balikpapan – known regionally as the 'Oil City' – the opportunity to ensure that development planning prioritizes activities that result in the reduction of greenhouse gas (GHG) emissions. Undertaking a GHG emissions analysis has provided a sound basis for a low emissions development strategy which identifies achievable mitigation opportunities.

183 ICLEI Case Studies March 2016

Summary

Nota Balikpapan is a commercial center on the east coast of Kalimantan (Borneo) with an important role as a regional service hub for oil and mining industry. Through Urban-LEDS, Balikpapan aims to add value to its development plans by accessing national and provincial programs which support greenhouse gas (GHG) mitigation and adaptation.

The Urban-LEDS work in Balikpapan was coordinated by the municipal Environment Agency, The Environment Agency engaged with other city government departments and external agencies to collect the information required for a GHG emissions analysis. Through this process, many relevant stakeholders have been made more aware of the activities that result in GHG emissions, and the potential role that they as stakeholders can play in Balikpapan's low emission development.

This case study describes the process that Balikpapan used in conducting an initial emissions analysis, assessing mitigation options, and prioritizing opportunities.

Introduction: the importance of basing a low emissions strategy on an analysis of emission sources

As a long-standing center for extractive industry - particularly oil, gas, and mining - the Balikpapan city government is aware that the environmental impact of resource extraction presents an issue for the municipality. Prior to Urban-LEDS project, however, they had not previously analyzed GHG emissions from the area.

Nota Balikpapan chose to participate in Urban-LEDS in order to ensure that the city's urban development plans prioritized low emission development strategies. City leaders understood that the analysis of GHG emissions is a fundamental step to identifying sustainable low-carbon policies.

The management of Urban-LEDS in Balikpapan was designated to the municipal Environment Agency, Badan Lingkungan Hidup (BLH). BLH then coordinated the actions of other departments in the city government. By ensuring its future development plans are based on sound analysis, Balikpapan is proactively positioning itself to attract funding from national and provincial government budgets.

Facts & Figures

Population (1 and area): 754,360 (2014) / 823 km²

Budget: USD 38.6 Million (2014)

Greenhouse gas inventory: Yes, since 2010

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Resilient Cities Asia-Pacific 2017



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Thank you!

ranell.dedicatoria@iclei.org

Ranell Martin M. Dedicatoria
Regional Program Manager
ICLEI Southeast Asia Secretariat (ICLEI SEAS)

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