

# ICLEI programs in Asia

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# Outline of my presentation

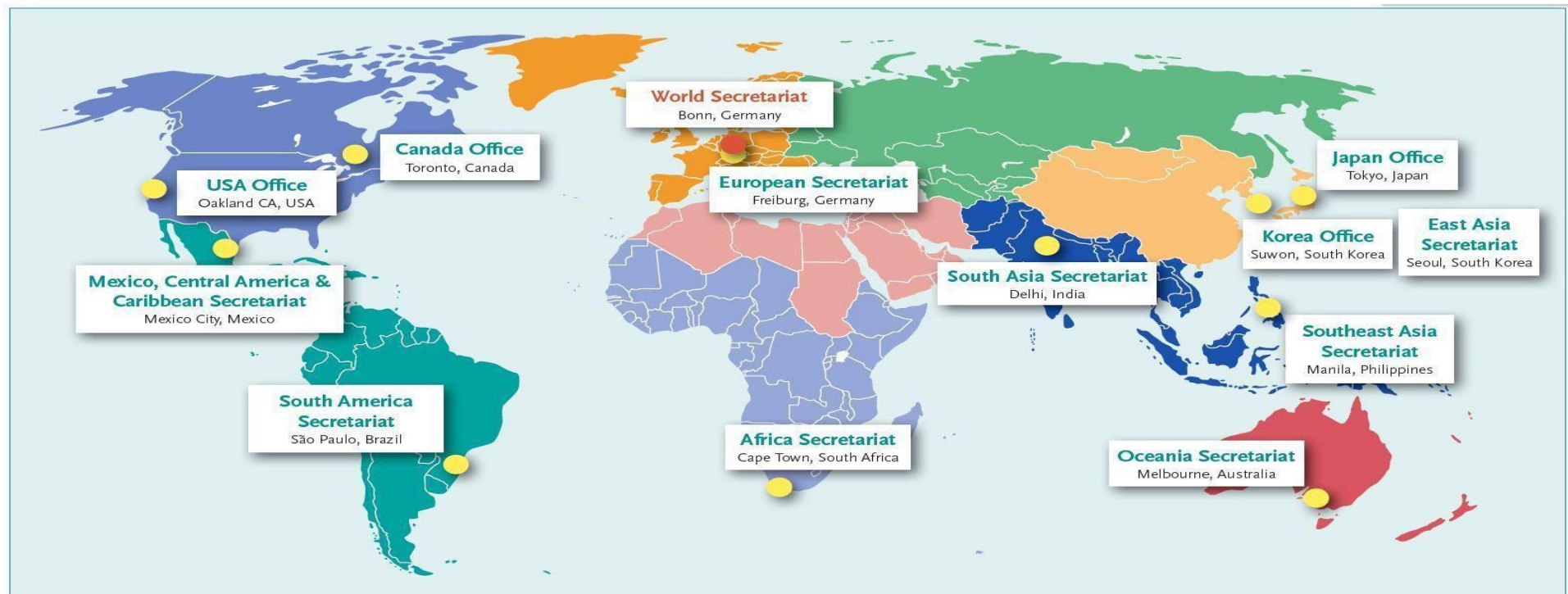
- Strategy of ICLEI
- Tools and frameworks for Low Carbon Cities
- Progress and achievements
- Asia Low Carbon Cities Platform (ICLEI Japan with Ministry of the Environment Japan )
- Urban LEDS (ICLEI offices, UN-Habitat supported by EU )

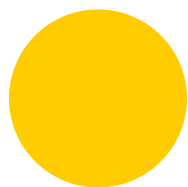
## Advocacy

Tools and frameworks for local governments  
Global and regional coordination



National, regional and global projects with other ICLEI offices





# Support of ICLEI for Low Carbon Cities

“You must count if you wish to reduce”

Global Protocol  
for Community Scale GHG Emissions

## Accelerate

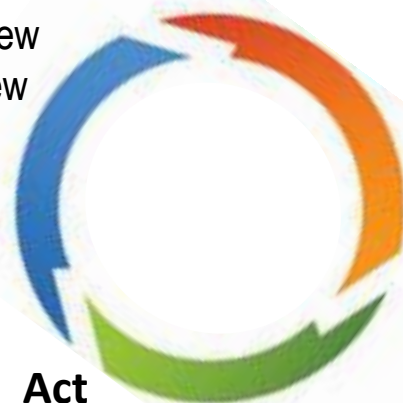
1. Monitor & review
2. Report & review
3. Enhance

## Analyse

1. Commit & mobilize
2. Record & forecast ghg emissions
3. Identify & prioritize solutions

## Act

1. Approve Priorities
2. Develop Specific Action Plans
3. Implement actions



HEATplus  
HARMONIZED EMISSIONS ANALYSIS TOOL



<http://heat.iclei.org>



ICLEI's **online emissions inventory software** to help Local Governments to account Greenhouse Gas Emissions (GHGs), Common Air Pollutants (CAP) and other Volatile Organic Compounds (VOC)

### **Track record**

The original version developed by ICLEI USA office in early 90's, used widely by US cities followed by cities in Australia, South Asia, South East Asia, South Africa and Brazil

### **HEAT+ enables local governments to**

- Prepare a baseline inventory
- Forecast emissions, e.g. Business-as-Usual (BAU) scenario
- Determine priorities
- Prepare action plans
- Track commitments
- Measure and quantify progress against targets through monitoring inventories
- Inform policy decisions
- Report "scope" differentiated results
- Report to the international reporting platform for cities – carbonn *Cities Climate Register (cCCR)*, the world's largest global database of local climate actions





Training and Guidance to use,  
collect data to make inventory  
for action planning

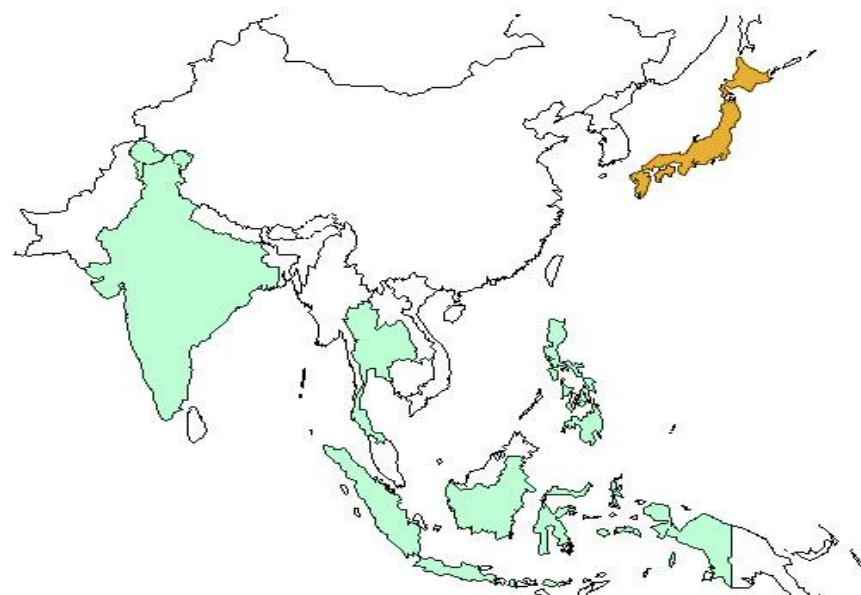
17 cities in India have used HEAT or  
HEAT+

10 cities in Indonesia, 3 cities in  
Philippines have got training of HEAT+

All 28 + Urban LEDS cities in India,  
Indonesia, Africa and Brazil will get  
training and use HEAT+ to establish  
their low carbon strategy



Total of 29 cities in Asia have already made their inventories using HEAT+

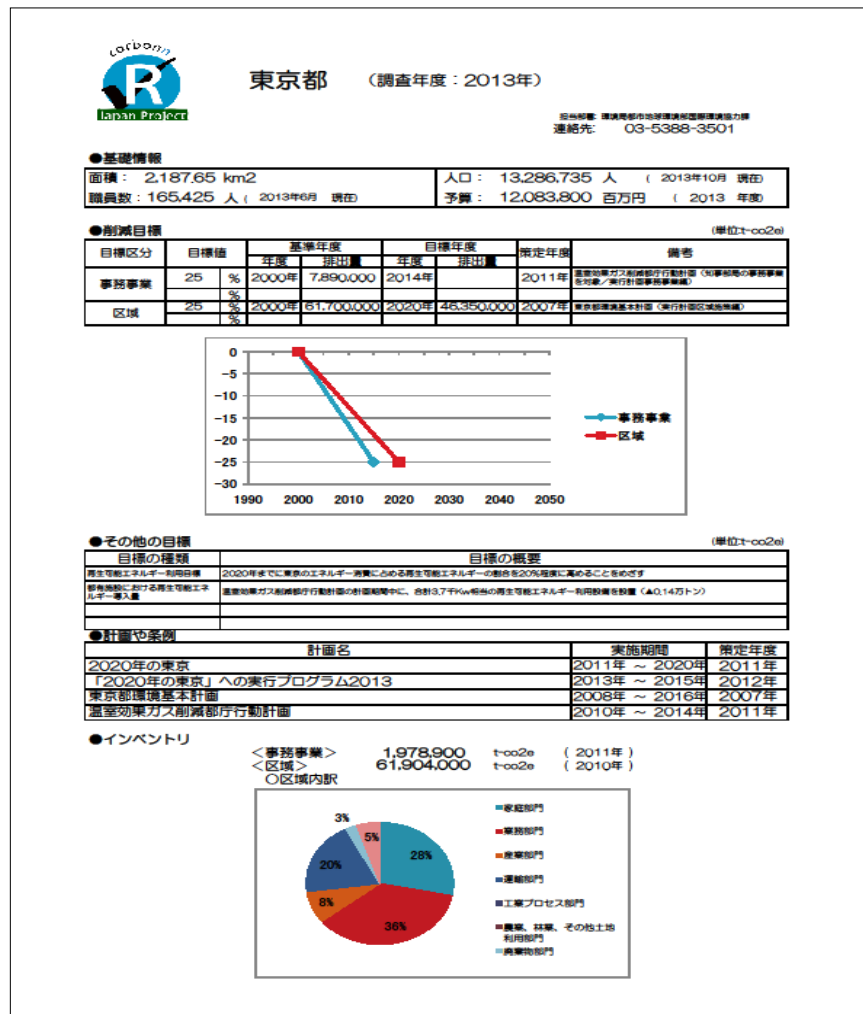




# Global reporting platform for local climate actions, commitments and GHG inventories



<http://citiesclimateregistry.org>

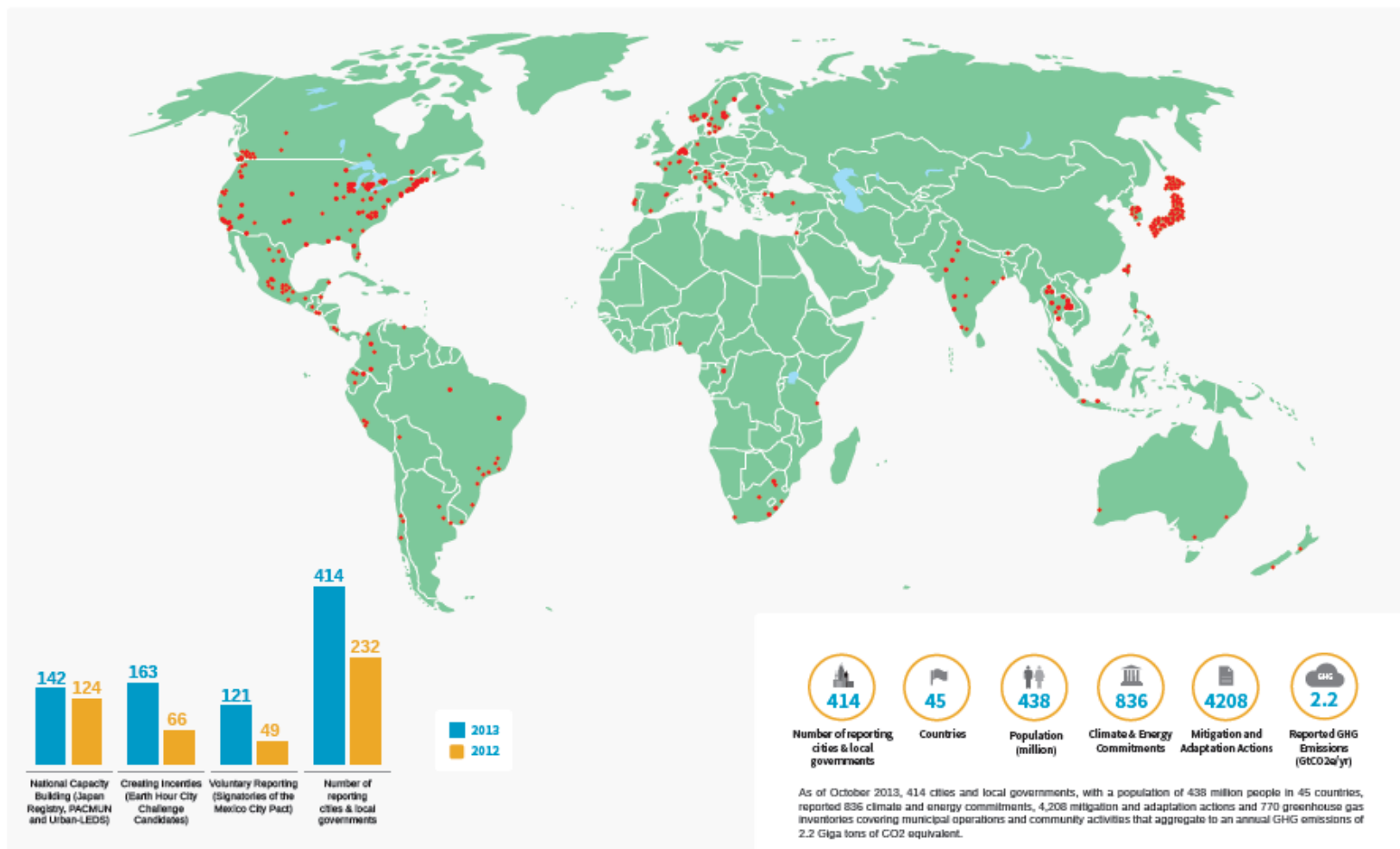


- ✓ Demonstrate leadership
- ✓ Accountability & transparency
- ✓ Exchange of experiences



The world's largest global database of local climate action\*  
[www.citiesclimaterestry.org](http://www.citiesclimaterestry.org)

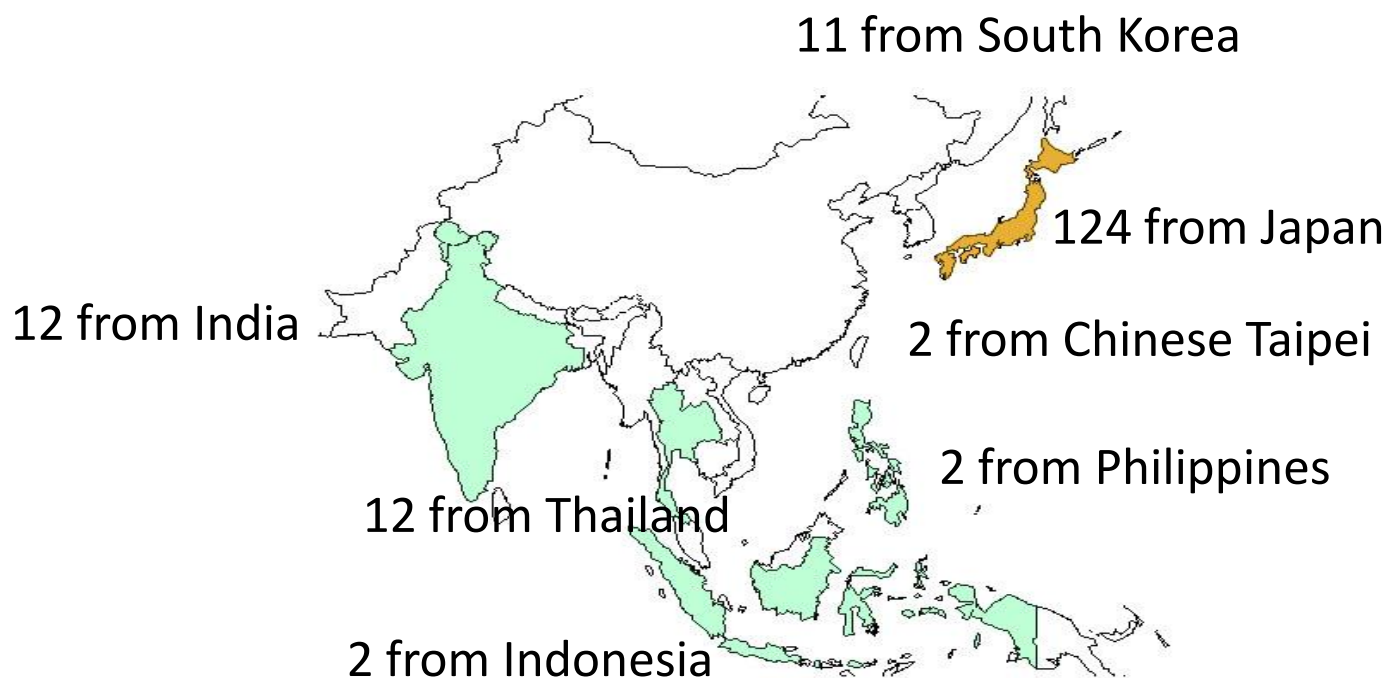
Powered by:



\*Non-verified data reported to cCCR as of October 2013.  
\*Figures are based on the latest available inventories and rounded up.  
\*A local government can be involved in of more than one initiative

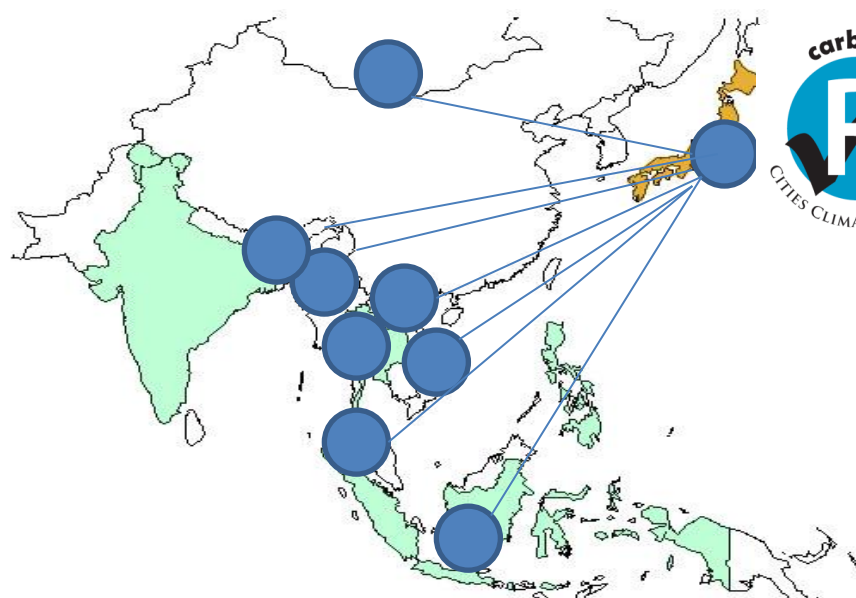


## Local Governments reported to cCCR in Asia



**165 reports from Asia with commitments, inventories and initiatives**

# ● Asia Low Carbon Cities Platform



Facilitate City to City Cooperation, technical transfer and knowledge sharing among national-local governments, private sectors and research institutes

Support action planning and capacity building of local governments to create low carbon cities in Asia

## ● *Urban-LEDS* Program

[www.urban-leds.org](http://www.urban-leds.org)

- Duration: 2012 – 2015
- Main objective:  
Enhance the transition to low-emission urban development in cities in emerging economy countries
- Partner :  **UN HABITAT**  
FOR A BETTER URBAN FUTURE
- Funder : 



## South Africa

- **Steve Tshwete Municipality**  
(0.23 milion)
- **KwaDukuza Municipality**  
(0.23 milion)

## Brazil

- **Recife**  
(1.5 milion)
- **Fortaleza**  
(2.4 milion)

## India

- **Thane**  
(1.9 milion)
- **Rajkot**  
(1.3 milion)

## Indonesia

- **Bogor**  
(1 milion)
- **Balikpapan**  
(0.62 milion)

## ● ICLEI Support to cities

- Technical support services
- Capacity building (political leaders and staff)
- Resources and tools
  - *Green-Climates-Cities* methodology
  - *HEAT+* (GHG quantification software)
  - *Carboun Cities Climate Registry*
  - Solutions Gateway
  - Pool of experts
  - Case studies
- North-South, South -South exchange
- International advocacy



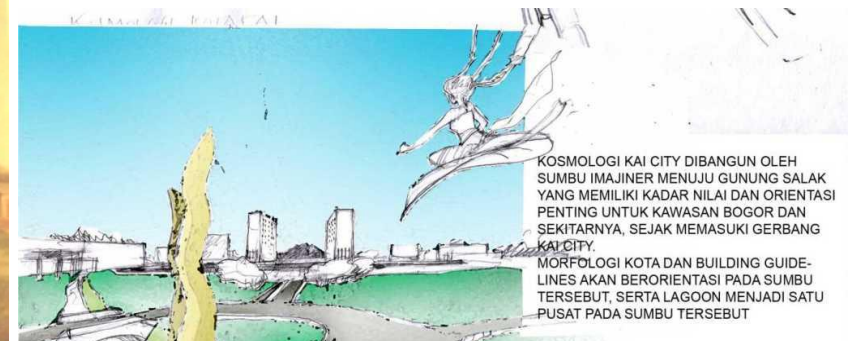
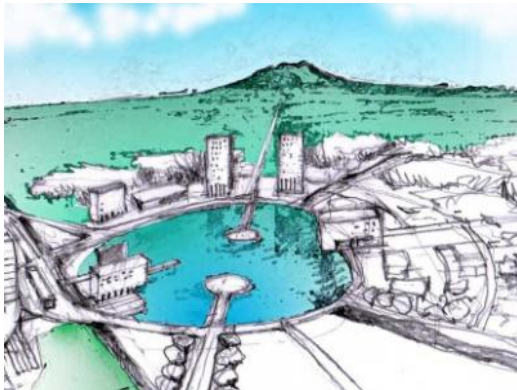
# URBAN LEDS INDONESIA: Envisioning ecomobility facility at the heart of the city

## **PRELIMINARY DESIGN ; TRANSIT ORIENTED DEVELOPMENT (TOD) ; BOGOR City**

### **Re-inventing Bogor City Center Based on: Low Emission Development Strategy**



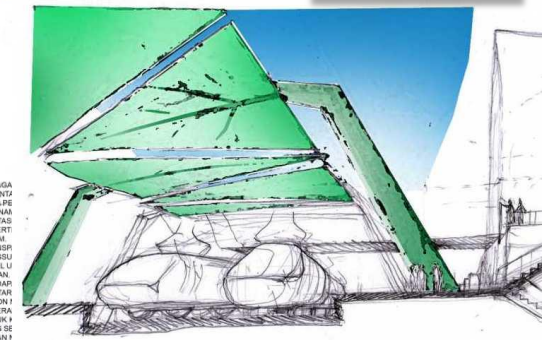
The planned TOD facilities will be based on sustainability and environmental friendly concept the facilities will include a water lagoon to control at surface water debit, using solar panel as source of electricity and LED for lighting, eco-mobility concept, and *shading-canopy*





## PRELIMINARY DESIGN ; TRANSIT ORIENTED DEVELOPMENT (TOD) ; BOGOR City

Re-inventing Bogor City Center based on:  
Low Emission Development Strategy

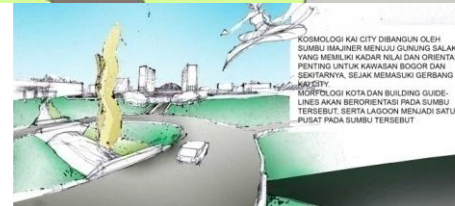


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MENJADI  
SATU  
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SUMBU  
TERSEBUT.





# Develop a Non Motorized Transport: Pedestrian Walk Concept



**ICLEI-Local Governments for Sustainability :** [www.iclei.org](http://www.iclei.org)

**HEAT+ :** GHG quantification and monitoring software : <http://heat.iclei.org>

**carbonn Cities climate Registry (cCCR) :** <http://citiesclimateregistry.org>

**Urban-LEDS :** [www.urban-leds.org](http://www.urban-leds.org)

**Advocacy:** [www.iclei.org/climate-roadmap](http://www.iclei.org/climate-roadmap)