

# ICLEI's guidance and tools to accelerate energy efficiency in buildings



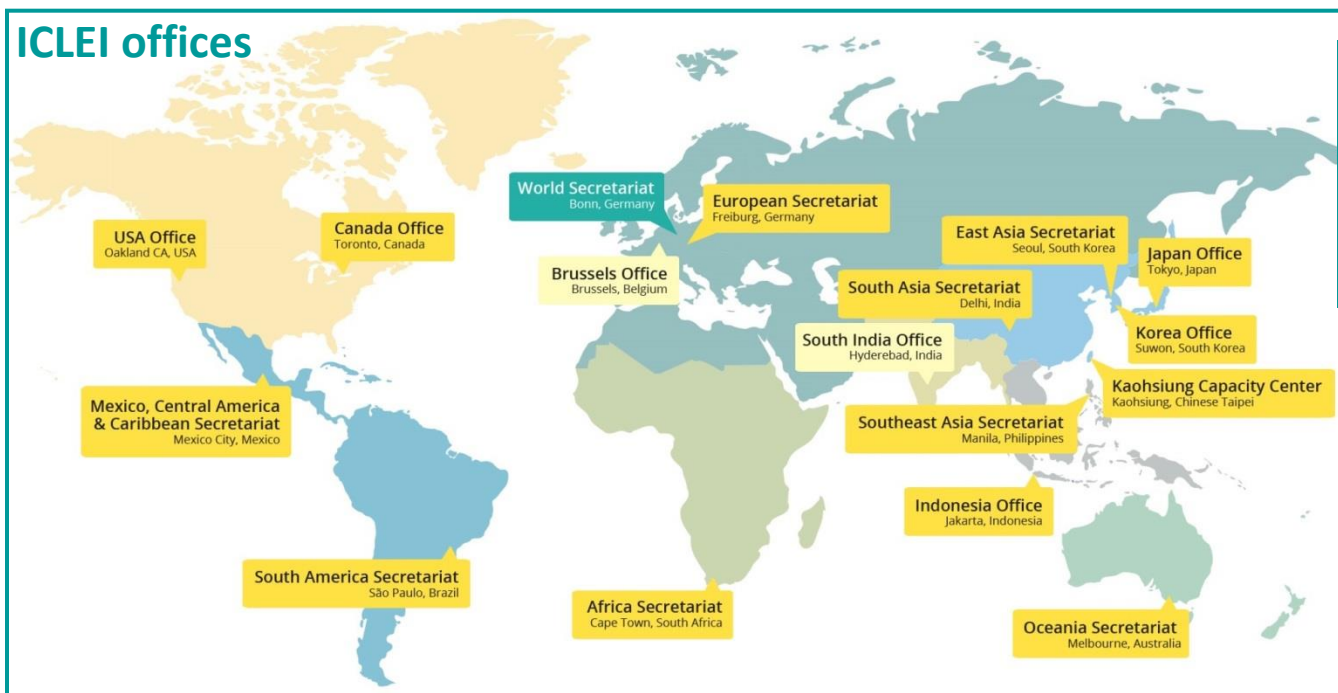
**Lucy Price, Project Officer, Low Carbon Cities,  
ICLEI-Local Governments for Sustainability, 02 June 2016**

# Program

- Introduction to ICLEI- Local Governments for Sustainability, and the Solutions Gateway
- Virtual tour of the Solutions Gateway
- Pool of Experts within your reach
- Finance decision-making support tool
- Next steps and how to cooperate as a Solutions Gateway Supporter

# Introducing ICLEI – Local Governments for Sustainability

- International membership association of Local Governments
- Established in 1990 in New York – for cities, by cities
- Thematic network: technical guidance, peer-learning, exchange
- Focal Point for LGMA Constituency at the UNFCCC



## ICLEI members:

- Over 1000 cities
- in 86 countries
- 660 million people

## ICLEI staff:

- 250 staff
- 18 offices
- Multi-disciplinary



# Focus on local government

**Political**

***Processes  
and systems***

**Technical**



# Low Carbon City

**A low carbon city recognizes its responsibility to act. It pursues a step-by-step approach towards carbon neutrality, urban resilience and energy security, while supporting an active green economy and stable green infrastructure.**

- **Process guidance:** ICLEI's GreenClimateCities (GCC) program,
- **Standardized accounting:** Global Protocol for Community-scale GHG Emission Inventories (GPC)
- **Reporting platform:** carbonn® Climate Registry
- **Advocacy:** LGMA Focal Point to the UNFCCC, LPAA Buildings Day COP21, Paris, France
- **Implementation support:** Solutions Gateway, Pool of Experts, Transformative Action Program (TAP), Urban-LEDS



# Solutions Gateway

*Low Carbon Solutions for Urban Development Challenges*



**Available to ALL  
Local Governments!**

**FREE to ALL  
Local Governments!**

Easy-to-use online platform for Local Governments

**[www.solutions-gateway.org](http://www.solutions-gateway.org)**

managed by ICLEI



# The Urban-LEDS project

- **Title:** Promoting Low Emission Urban Development Strategies in Emerging Economy Countries (Urban-LEDS)
- International **mitigation project** funded by EC for 6.7 mill €
- **Duration:** March 2012 – March 2016
- **Main objective:** Enhance the transition to low-emission urban development in cities in emerging economy countries: **Brazil, India, Indonesia, South Africa**
- Supported by experienced **European cities**
- Using the **GreenClimateCities** program

# The Urban-LEDS cities





# Building local capacity and mainstreaming Low Emission Development into urban policies, plans and projects



**Optimize time**

**Be efficient**

**Understand the potential**

# Solutions Gateway's unique features



**Guidance on Low-Emission Development**

**Tailor-made for Local Governments**

**Based on proven practices,  
developed by experts &  
peer-reviewed**

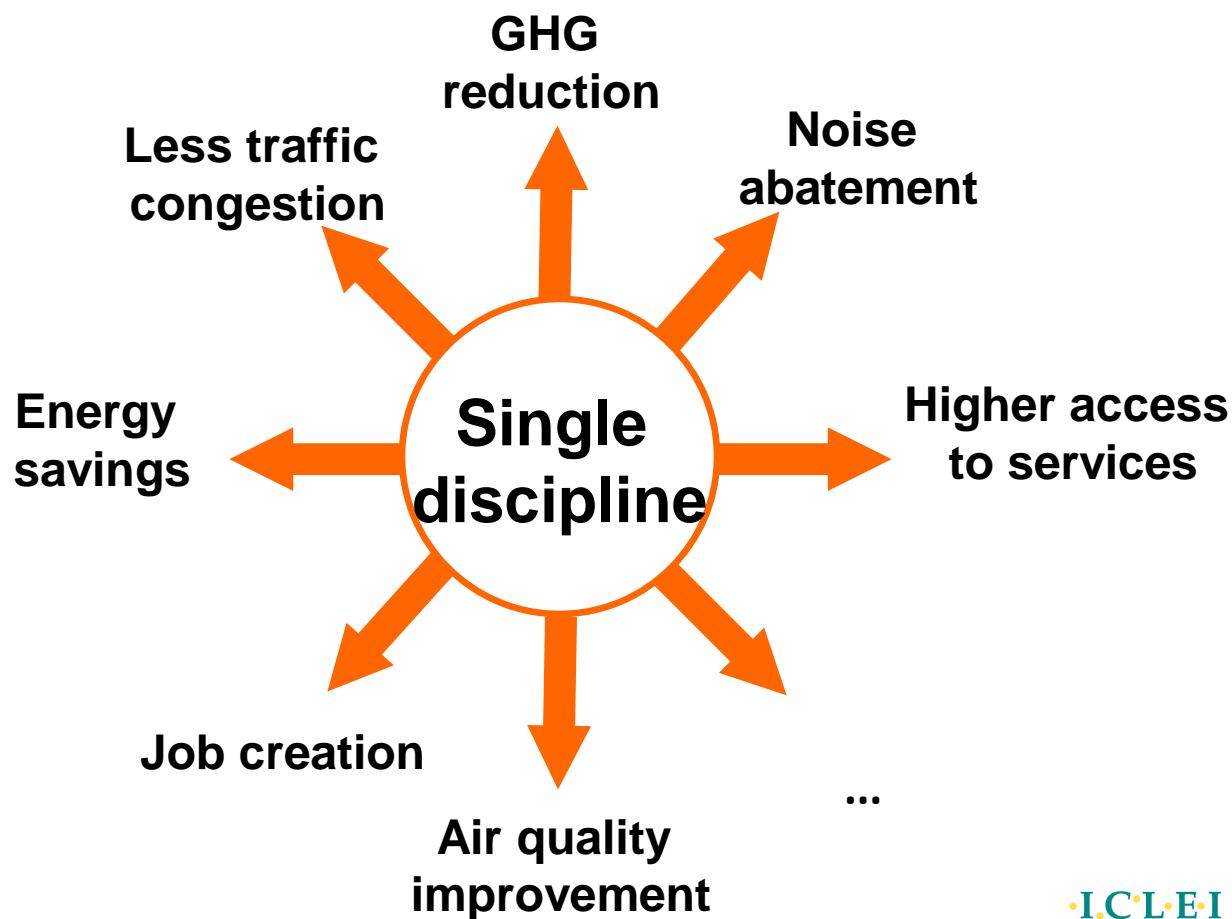
**Practice-oriented resources**

**Pool of Experts**

**Finance decision-making tool**

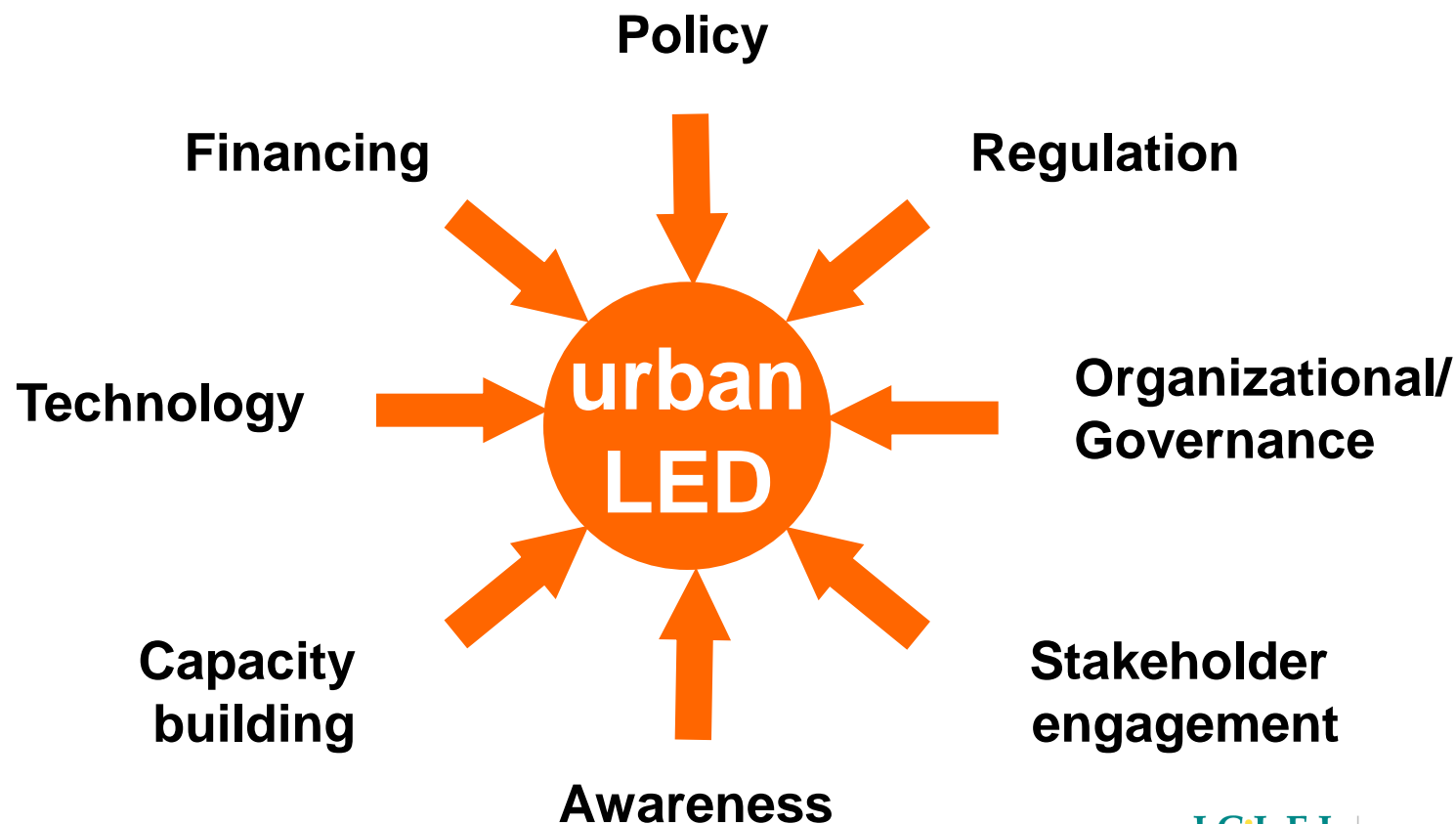
**Integrated approach maximizes results**

# Conventional approach



# Integrated approach to maximize results

**This integrated process is called a Solution!**





# Covering main sectors



**Energy**



**Water**



**Buildings**



**LG operations**



**Transport**



**Land use**



**Waste**



**Cross sectoral**

# Low-carbon policies and projects



# Pool of Experts

 **Experts**

 **Finance Tool**



Growing global multi-disciplinary network of professionals, which provide guidance on low emission development to local governments:

- **Strategic direction**
- **Guide organizational improvements**
- **Build capacity – e.g. sectoral expertise, develop bankable projects**
- **Policy, technical, finance support:**



# Finance Decision support tool



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Does the local government have adequate budget to direct assets or financing (in terms of grants or subsidies)?

[Yes](#) [No](#)



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## MECHANISM: Providing grants to sustainable projects

### Overview

#### ✔ Definition

Grants are financial awards given by a government institution (e.g. local authority, provincial or national government) or a development finance institution to recipients meeting set eligibility criteria. The general definition of a grant is simply: a transfer of money from one organization to another. In the case of local governments, grants can be one of two types: conditional or unconditional. Conditional grants are monies transferred for a specific purpose that may not be used for any other project. Unconditional grants, on the other hand, can be used for any purpose the recipient sees fit.

Conditional grants can be given by the Provincial and Federal governments as well as by local governments. The Local Government Department has responsibility for the maintenance of a number of provincial conditional grant programs.

### Advantages & Disadvantages





## Building the system

### Thematic experts:

- ICLEI
- Cities
- Supporters
- Others

# Solutions Gateway

## Using the system

### Local Governments:

- Politicians
- Technical staff

# What's in it for you as city official?

## Political decision-makers



- ✓ **Get the „Big-picture“**
  - Benefits
  - Drivers
  - Overview
  - Examples from other cities
  - Advantages of vertical integration
- ✓ **Access to experts (both Pool of Experts and CESC Ask and Expert [www.cleanenergysolutions.org/expert!](http://www.cleanenergysolutions.org/expert!))**
  - Strategy, governance and finance
- ✓ **Profile your city's practices**
- ✓ **Profile your staffs' expertise**

# What's in it for you as city official?

## Technical experts



### ✓ Thematic solutions

- Reality-check
- Step-by-step guidance
- Detailed actions
- Suggested indicators
- GHG mitigation potential

### ✓ Case studies

### ✓ Tools and other resources

### ✓ Pool of Experts

### ✓ Finance decision-making tool

# What's in it for you as contributor?

Author, review, or partner



- ✓ **Share knowledge and concepts**
- ✓ **Gain visibility as an expert**
  - Connect with local decision-makers and technical experts
  - Possibilities for cooperation
- ✓ **Support urban low-emission development strategies, plans and projects**
- ✓ **Become a partner**
  - Pool energy efficient building resources
  - Benefit from visibility - private and public sector partners are welcome!



# Solutions Gateway

## Low Carbon Solutions for Urban Development Challenges

- Visitors from 60 countries each month
- 186 Experts
- 118 Registered users
- 82 City Case studies
- 20 Contributors
- 11 Supporter organizations
- 16 Solutions & 6 Packages & many more coming-up

# Expand contents and resources

- Finance decision-making support tool
  - Coming soon! 2016
- [Solutions Gateway Sourcebook](http://urbanleds.iclei.org/index.php?id=1120)
  - March 2016: <http://urbanleds.iclei.org/index.php?id=1120>
- New Solutions and Packages (2016)
  - Energy-efficient street lighting Package
  - Energy management in public buildings Solution
  - Green public procurement for buildings Solution
  - District heating Package
  - District cooling Package

*Stay tuned!*

# Solutions Gateway

Low Carbon Solutions for Urban Development Challenges

## START EXPLORING!

[www.solutions-gateway.org](http://www.solutions-gateway.org)



# Thank you!

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**Websites:** <http://www.iclei.org/activities/agendas/low-carbon-city/bea.html>

[www.solutions-gateway.org](http://www.solutions-gateway.org)

<https://cleanenergysolutions.org/expert>

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