

## Activities of ICLEI for Resilient Cities

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### ● Our roles as association of local governments

- **Connecting leaders**  
Leadership of mayors & governors, advocacy to increase political status of local governments at UN negotiations on conventions for sustainability
- **Accelerating actions**  
Pilot projects/programs and global coordination
- **Gateway to solutions**  
Tools for local governments, networking events, training workshops, international conferences,,,






## “Resilient city” as one of our 8 key areas for transformation of cities

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for Sustainability

- Sustainable City
- Resource-efficient City
- Bio-diverse City
- Low-carbon City
- **Resilient City**
- Smart Urban Infrastructure
- Green Urban Economy
- Happy & Healthy Community

ICLEI strategic plan 2012~2018  
adopted at ICLEI World Congress 2012

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## Our approach for “Resilient City”

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Projects with LGs, tools & services, networks and advocacy to change city

- to be low risk to **natural and man-made disasters**
- to reduce its vulnerability by building on its capacity to respond to
  - **climate change challenges,**
  - **disasters, and**
  - **any foreseen events and economic shocks**

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## ● Our rationale for taking action



- LGs cannot wait until concrete scientific evidence
- LGs should take action to protect local assets and life of inhabitants
- Public service (water, energy, housing, waste management, health & social service, green area...) will be highly affected
- Adaptation is local issue ⇔ mitigation is for global issue
- Benefit of early action and prevention against any human and natural disasters

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## Major program/projects for Resilient city

- Commitment of mayors
- Global Forum
- Reporting framework
- Regional projects in Asia

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## ● Commitment of mayors: Durban Adaptation Charter

- Launched at UNFCCC COP17 in Durban, South Africa in 2011
- 114 signatories from 27 countries
- Commitment of Local Governments to local climate action in their jurisdiction that will assist their communities to respond to and cope with climate change risks thereby reducing vulnerability.
- To ensure
  1. Key information of all local government development planning
  2. Ensuring that adaptation strategies are aligned with mitigation strategies
  3. Promoting the use of adaptation that recognizes the needs of vulnerable communities and ensuring sustainable local economic development
  4. Prioritizing the role of functioning ecosystems as core municipal green infrastructure
  5. Seeking innovative funding mechanisms.




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## ● Global Forum on Urban Resilience and Adaptation


- On “urban” and “local governments” issues
- Annual congress prior to UNFCCC Bonn meeting in June since 2011
- Multi-partner: 500 participants from around 50 countries
  - local governments, international and NGOs, researchers, private sector
- to share challenges, solutions and experiences
- to showcase new research, innovative tools and methodologies and successful programs
- Opportunity to develop new initiatives, report and share the project progress and outputs
- Mayors commitment

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**Resilient Cities 2013**

## Composition and topics




- 3 plenary & 29 theme sessions
- 2 Reality Check Workshops focusing on a specific city
- 23 poster presentation & 10 exhibitors
- 4 sub-theme forum: Mayors Adaptation Forum, Resilient Urban Food Systems, Resilient Building and Construction, Researchers Forum
- Launch event of a platform, publication and network


**Topics**


- Funding, public-private, risk-assessment & planning,,,
- Eco-system based adaptation, food,,,
- Inter-sectoral approach (urban nexus), horizontal coordination(national-regional-local)



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## Monitoring framework on local climate mitigation and adaptation




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

 Powered by  



**423 reporting cities**

406

Water services implemented through investment of local government (2013-2014)

**566 Commitments**

67%

Of commitments, more advanced than previous (2013-2014)

**771 GHG Inventories**

2.2

Tons of greenhouse gases per year


**4208 Actions**

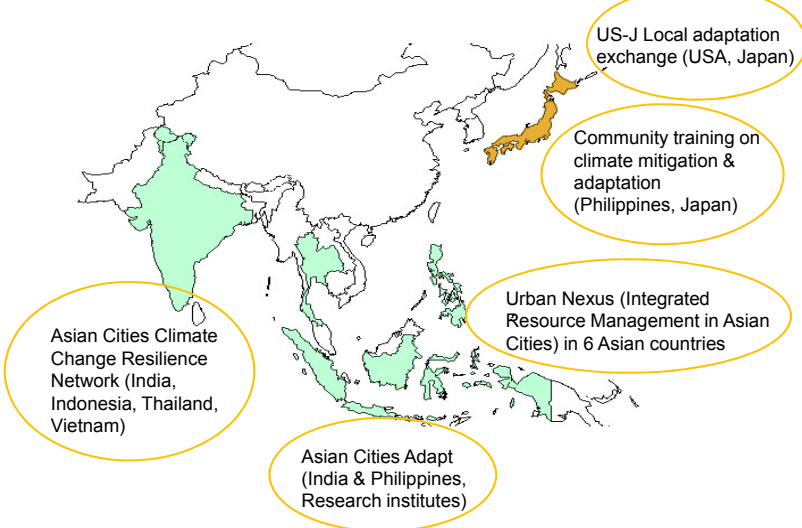
2190

Actions implemented by local officials

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## Regional projects on resilient city





Asian Cities Climate Change Resilience Network (India, Indonesia, Thailand, Vietnam)

Asian Cities Adapt (India & Philippines, Research institutes)

US-J Local adaptation exchange (USA, Japan)


Community training on climate mitigation & adaptation (Philippines, Japan)


Urban Nexus (Integrated Resource Management in Asian Cities) in 6 Asian Countries

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## Asian Cities Climate Change Resilience Network

To demonstrate a diverse range of effective approaches, processes, and practices for assessing and addressing urban climate vulnerabilities by connecting 10 core cities across 4 countries (2012-2015)





**ACCCRN Cities**

- Core ACCCRN Cities
- Mekong-Building Climate Resilient Asian Cities (A program supported by USAID with additional support from the Rockefeller Foundation)
- Replication Cities

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## Asian Cities Adapt Project



- Project period: 2010~2013
- Objectives: Development and testing of methodology for local process for climate change adaptation
- Bringing together **policy and science**
- Carried out by two scientific institutions (Potsdam Institute for Climate Impact Research, Indian Institute of Technology Delhi), ICLEI and cities in India and Philippines



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## Step by step approach



- Establish task force for adaptation
- Localize climate change impacts
- Increase the awareness, knowledge, and capacity of pilot cities
- Develop future scenarios and decision-making aids

### Focus areas

- Urban Landslides
- Urban Heat Island Effects
- Urban Flooding
- Sea-level Rise



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## Out-put of our activities for resilient city agenda



- **MAYORS:** Strengthen commitment of local leaders at various relevant events: 114 signatories to Durban Adaptation Charter
- **FORUM:** Regular opportunity to share/disseminate latest findings, meet supporters/project partners to develop new initiatives such as Urban Food, Resilient Cities Asia 2015 (Feb.2015 in Bangkok)
- **RECORDS:** 788 actions for adaptation out of 3,870 reported to cCCR by 423 LGs from 44 countries
- **PROJECTS:** Capacity building of local governments and their stakeholders on urban resilience: localized concept, methodology, policy, measures
- **Tools for LGs as out-put of pilot projects to disseminate:** guidebooks for action planning, case studies,,,

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**climate everyone's business**  
**ICLEI**  
 Local Governments for Sustainability

## Climate Change: Implications for Cities

Key Findings from the Intergovernmental Panel on Climate Change Fifth Assessment Report


June 2014

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 Cambridge Judge Business School  
 Cambridge Institute for Sustainability Leadership

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## Local Government Climate Roadmap

Recognize • Engage • Empower



• Recognize	2010 Cancun Agreements: Para.7 of Dec1/CP16 Local and subnational governments as „ <b>governmental stakeholders</b> “	✓
• Engage	2013 Warsaw – ADP-Workstream2 - para 5b of Dec1/CP19 ( <b>raising global level of ambition through local climate action</b> )  Mitigation/Adaptation/Capacity Building/Technology Transfer/Finance	-/+
• Empower	Direct Access to National/Global Climate Funds  (Various options for cities in Annex/nonAnnex-I countries)	?

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- [www.iclei.org/our-activities/our-agendas/resilient-city.html](http://www.iclei.org/our-activities/our-agendas/resilient-city.html)
- [www.citiesclimateregistry.org](http://www.citiesclimateregistry.org)
- [www.durbanadaptationcharter.org](http://www.durbanadaptationcharter.org)
- [www.iclei.org/climate-roadmap](http://www.iclei.org/climate-roadmap)

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