



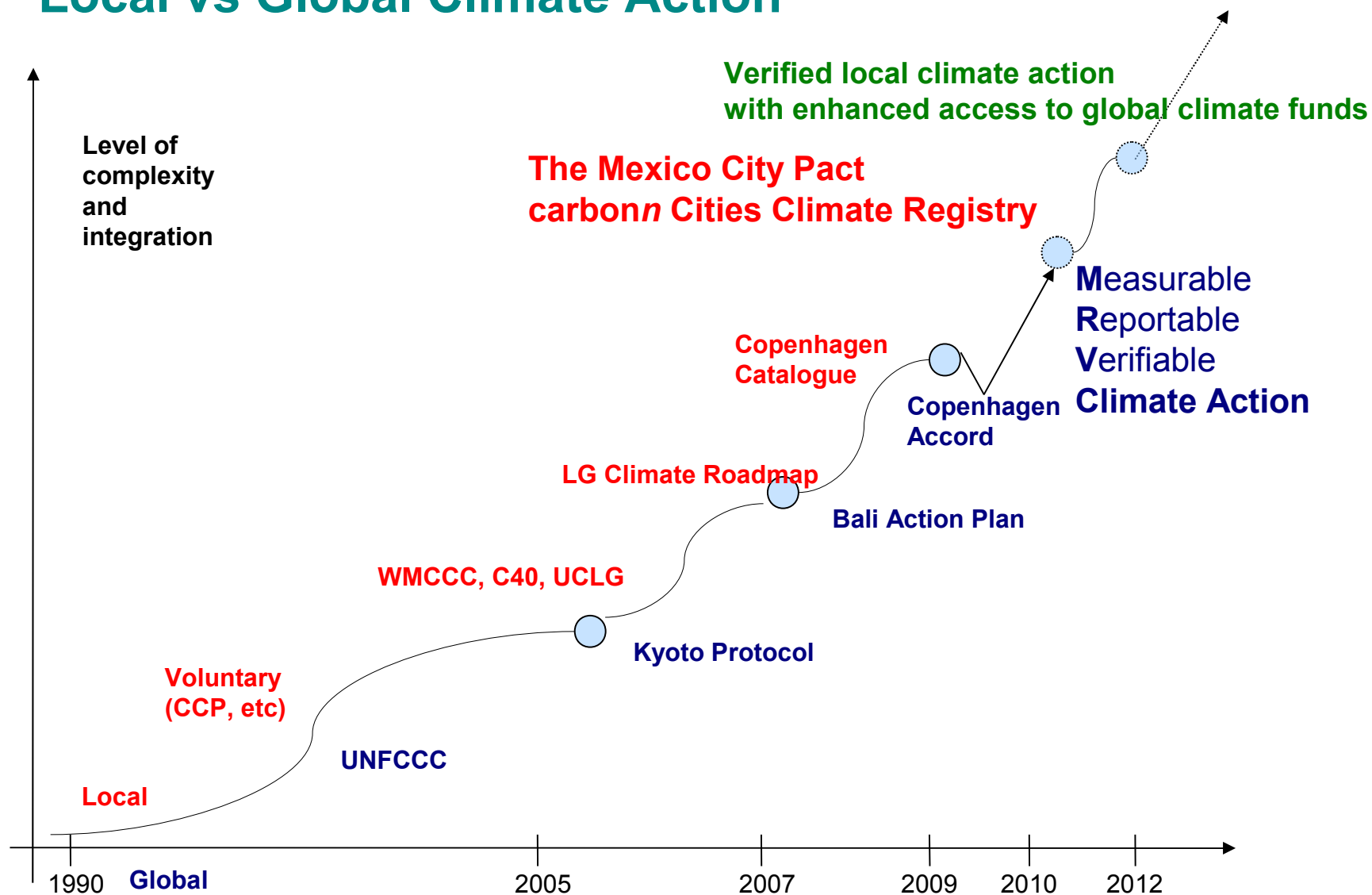
WORLD MAYORS SUMMIT ON
CLIMATE • MEXICO CITY
21 • NOV • 2010



Presenting **carbonn Cities Climate Registry**

ICLEI – Local Governments for Sustainability

Local vs Global Climate Action



Global Platforms for Reporting

Public

National Governments



Local Governments



Private

Corporates

CARBON DISCLOSURE PROJECT

Selected Existing Process/Initiatives for GHG Accounting/Reporting



The Climate Registry



The Greenhouse Gas Protocol Initiative

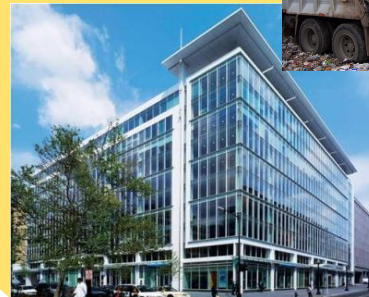
the foundation for sound and sustainable climate strategies

Local Greenhouse Gas Emissions

Government Operations



Community Activities



Measurable-Reportable-Verifiable Local Climate Action!

- **Measurement;** identify and monitor
- **Reporting;** informed decision making and transparency
- **Verification;** accountability and comparability
 - Trigger action
 - Raise awareness
 - Facilitate prioritization
 - Enhance access to funds



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Mexico City Pact, Art. 4

We agree to make our actions transparent and provide regular information and data so that our efforts can be measured, reported and verified.

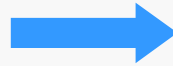
Register our emission inventories, commitments, climate mitigation and adaptation measures and actions.

We will enter our climate actions in the **carbonn *Cities Climate Registry***.

A mechanism by cities for cities.

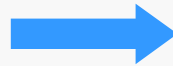
carbonn Cities Climate Registry

**Mexico
City
Pact**



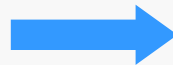
**Political
Commitment**

**Cities
Climate
Registry**



**Reporting
progress
showcasing
action**

carbonn



**Technical
support**

Local climate action the world can count on



Carbonn Cities Climate Registry

a mechanism
that encourages local governments
to report regularly public level information on,

climate commitments,

GHG emissions inventories,

mitigation/adaptation actions



Carbonn Cities Climate Registry is:

- *based on the experience of voluntary local climate action dispersed globally,*
- *inspired by the vision of Local Government Climate Roadmap*
- *built upon the success of the Copenhagen World Catalogue of Local Climate Commitments*
- *guided by the provisions of International Local Government GHG Emissions Analysis Protocol (IEAP)*
- *linked to the enhanced global climate action now, up to and beyond 2012*

Carbonn Cities Climate Registry helps local governments to:

- ensure transparency, accountability and comparability of local climate actions
- demonstrate leadership
- initiate a process to have direct access to global climate funds

Carbonn Cities Climate Registry helps national governments and global climate community to to:

- have a better understanding of ambitions, performance and achievements of local climate action
- formulate appropriate involvement of local governments in;
 - Nationally Appropriate Mitigation Actions (NAMA) and global Registry
 - Existing and new funds on Mitigation, Adaptation Technology Transfer and Capacity Building

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cCCR

Cities registered towards a low-carbon, climate-resilient future.

The carbonn Cities Climate Registry (cCCR) helps cities and local governments make climate commitments the world can count on. The cCCR was developed *by* local governments *for* local governments.

The cCCR enables cities and local governments to publicly register their greenhouse gas reduction **commitments**, report **performance** and showcase **actions**.

The cCCR ensures that local climate action is **measurable**, **reportable** and **verifiable**, and that data are consistent with the standards of the global climate regime.

The cCCR supports the global credibility of local climate action and ensures **transparency**, **accountability** and **comparability**.



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The carbonn Climate Cities Registry is launched at the World Mayors Summit on Climate, 21 November 2010 in Mexico City.

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Under the auspices of the World Mayors Council on Climate Change and with the endorsement of United Cities and Local Governments and the Club of Madrid, the carbonn Cities Climate Registry (cCCR) has been developed with support from ICLEI – Local Governments for Sustainability and the Government of Mexico City. The cCCR will be operated by the Bonn Center for Local Climate Action and Reporting – carbonn®.



Carbonn Cities Climate Registry

cCCR Signatory and Pioneer Cities



cCCR Signatory Cities (138 as of 21.11.2010)

Express willingness to disclose information on commitments, emissions and actions
(Signatories pursuant to Art. 4 of the Mexico City Pact)



cCCR Pioneer Cities (5 as of 21.11.2010)

Sign the Mexico City Pact and start reporting *commitments, emissions and actions* through carbonn

Evolution from cCCR Signatory to cCCR Pioneer; To start reporting in at least one field

- Climate Reduction Commitments

Government and/or community level

Absolute or Business-As-Usual

CO₂, CO₂eq, Carbon Intensity, Renewable Energy and Energy Efficiency

- GHG Emissions Performance:

Guided by the International Local Government GHG Emissions Analysis Protocol (IEAP)

Prepared for Government and Community sectors

- Climate Actions:

Mitigation; buildings, facilities, transport, waste and other areas

Adaptation; water, coast, land management, health, agriculture-food, other

Status; Completed, In Progress, Search for Funding

Fields; awareness raising, capacity building, legislation, technology investment

Finance; municipal, subnational/national, ODA and Climate Funds

cCCR Pioneers; 5 cities, 5 continents

	Reduction Commitments	GHG Inventories	Mitigation/Adaptation Actions/Action Plans
Calgary, Canada	3 Government 3 Community	2009 Government 2009 Community	6 Mitigation 1 Adaptation 4 Action Plans
Cape Town, S. Africa	3 Government 3 Community	2007 Government 2007 Community	4 Mitigation 2 Adaptation 2 Action Plans
Copenhagen, Denmark	1 Community	2009 Community	4 Mitigation 3 Action Plans
Mexico City, Mexico	3 Government 3 Community	To be reported soon	3 Mitigation 3 Adaptation 1 Action Plan
Nagpur, India	1 Government 1 Community	2007 Government 2007 Community	4 Mitigation 1 Action Plan

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carbonn Cities Climate Registry Pioneers

In alphabetical order



Calgary, Canada

Latest Government GHG Inventory in 2009
 Latest Community GHG Inventory in 2009
 3 commitments
 8 actions

Cities Climate Report: [Page 1](#) | [Page 2](#)



Cape Town, South Africa

Latest Government GHG Inventory in 2007
 Latest Community GHG Inventory in 2007
 6 commitments
 6 actions

Cities Climate Report: [Page 1](#) | [Page 2](#)



Copenhagen, Denmark

Latest Government GHG Inventory (to be reported soon)
 Latest Community GHG Inventory in 2009
 1 commitment
 4 actions

Cities Climate Report: [Page 1](#) | [Page 2](#)



Mexico City, Mexico

Latest Government GHG Inventory (to be reported soon)
 Latest Community GHG Inventory (to be reported soon)
 6 commitments
 6 actions

Cities Climate Report: [Page 1](#) | [Page 2](#)



Nagpur, India

Latest Government GHG Inventory in 2007-8
 Latest Community GHG Inventory in 2007-8
 2 commitments
 4 actions

Cities Climate Report: [Page 1](#) | [Page 2](#)

carbonn Cities Climate Registry

A global mechanism to help the World count on local climate action



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Performance & Commitments



bonn center for local climate action and reporting

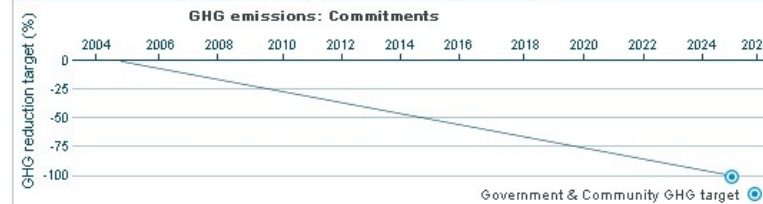


Copenhagen
Denmark, Europe
Population (2010): 528,208
Territory Size: 91 km²



Commitments

	Government	Community
CO ₂ eq reduction target:	100% by 2025 (2005)	100% by 2025 (2005)
CO ₂ reduction target:	-	-
Carbon intensity target:	-	-
Renewable energy target:	-	-
Energy efficiency target:	-	-



Performance



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Actions



bonn center for
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City of Cape Town
South Africa, Africa
Population (2010): 3,700,000
Territory Size: 2,455 km²



✓ Mitigations actions

Action Title	Sector	Field	Funding Source	Status
Solar Water Heater Roll Out	Buildings	Technology	Local	In progress
Integrated Rapid Transport System (IRT)	Transport	Technology	Local	In progress
Waste To Energy Projects	Waste	Technology	Local	In progress
Improved Energy Efficiency in City operations and facilities	Facilities	Technology		In progress

✓ Adaptation actions

Action Title	Sector	Field	Funding Source	Status
Sea Level Rise Risk Assessment	Coastal Development	Awareness	Local	Completed
Installation of ceilings in low income homes (thermal efficiency)	Public Health	Awareness	Local (Sub)national	In progress

✓ Action plans

- City of Cape Town Energy and Climate Action Plan
- City Adaptation Plan of Action

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Mexico City
Mexico, Latin America
Population (2010): 8,720,916
Territory Size: 1,485 km²



✓ Mitigations actions

Action Title	Sector	Field	Funding Source	Status
Transport Corridors	Transport	Technology	Local International (ODA) Climate Financing	In progress
Solar Energy Use Regulations	Energy	Legislation Technology	Local	In progress
Taxi Replacement Program	Transport	Legislation Technology	Local	In progress

✓ Adaptation actions

Action Title	Sector	Field	Funding Source	Status
Recovery of the Rivers Magdalena and Eslava	Other	Awareness	Local	In progress
Green Roofs Program	Other	Awareness Legislation	Local	In progress
Restoration of Ecosystems and Compensation for Maintaining Environmental Services	Land Management	Awareness Legislation	Local	In progress

✓ Action plans

• Mexico City's Climate Action Program

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carbon Cities Climate Index; A future feature of cCCR

- Ensuring a global coverage
- A voluntary action of the cCCR Pioneer Cities
- Differentiation between commitments, actions, and performance
- Differentiation between emissions by the local government and by the community
- Inclusion of and differentiation between mitigation and adaptation measures or actions
- Inclusion of planned and completed actions
- Differentiation between types of emissions and level of reporting



city
commitments


city
performance


city
actions


bonn center for
local climate action and reporting

standards

tools

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 City Search

 carbonn® Cities
Climate Registry