"The added value of international networks and city to city cooperation"

Wolfgang Teubner
Regional Director Europe
ICLEI – Local Governments for Sustainability

In the next 20 minutes…

- ICLEI as global network of cities
- Key global challenges and necessary transformations
- The global role of collective local leadership and engagement
- Practical examples of facilitated city to city cooperation and networking
- Conclusions
**Pioneers of urban sustainability**

ICLEI is a world-leading association of over 1,000 cities, towns, metropolises in 86 countries, committed to building a sustainable future.

- **in 86 countries**
- **700+ million people**
- **20% of the global urban population**
- **66 new Members in 2014**

ICLEI Members as of May 2015

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**ICLEI’s global presence**

280 staff in 17 offices

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Towards Sustainable Cities: ICLEI’s 10 Urban Agendas

- Sustainable City
- Low-carbon City
- Resource-efficient and Productive City
- Resilient City
- BiodiverCity
- Smart City
- EcoMobile City
- Happy, Healthy and Inclusive Communities
- Sustainable Local Economy and Procurement
- Sustainable City–Region Cooperation

Recognised global challenges to be met

- Climate change mitigation and adaption (Paris Climate Agreement)
- Global resource constraints (United Nations Agenda for Sustainable Development 2030)
- Growing global population and growing urbanisation
- Migration of different causes
- Technological developments and their societal implications (digitalisation, industry 4.0)
- The social cohesion in our societies and the challenges for democracy
The response to challenges is transformation

- **Socio-cultural transformation**
  - lifestyles and behaviour change
  - social innovation
  - co-design and co-creation
  - education and curricula

- **Socio-economic transformation**
  - civic economy
  - innovation and small solutions
  - social enterprises
  - sharing economy

- **Technological transformation**
  - digitalisation
  - smart technology
  - connected decentralisation
  - self-organisation

Cities provide integrated solutions

- Use of solar energy
- Shadow islands
- Cooperative housing
- District heating and cooling
- Energy efficient construction
- Ventilation
- Rainwater sinks
- Cool air generation
Cities on the globe

1.2% of the Earth’s surface
> 50% of the population
75% of energy consumption and CO2 emissions

Hubs of the global economy:
100 largest cities produce 30% of the global GDP

1 Megacity like Beijing is larger than each of the 150 smallest UN member states

A change in perspective is needed

“The country is the sum of cities. If cities do not work, then countries cannot work. The road to sustainability runs through the world’s towns and cities. By building sustainable towns and cities, you will build global sustainability”

Ban Ki Moon,
UN Secretary General
at ICLEIs Global Town Hall, Rio de Janeiro
Universal Sustainable Development Goals call all local & regional governments to action

Local Government Climate Roadmap

- ICLEI is the focal point for LGMA at UNFCCC
- A legacy of decades of action, 8 years of intensive global advocacy
# Local and Subnational Governments in the Paris Climate Package

<table>
<thead>
<tr>
<th>Document</th>
<th>Articles</th>
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| **Paris Agreement** | - Has to be signed by Heads of States,  
- Has to be ratified by national parliaments, legislative bodies or executive orders  
- Entry into force by 55 Parties, representing 55% of global GHG emissions  
  • Preamble para.15 recognizes importance of engagement of all levels of governments  
  • References to local and subnational levels in Art. 7.2 (adaptation) and Art.11.2 (capacity building), communities in Art. 8.4.h (loss and damage) |
| **Dec.1/CP21**     | - Comes into immediate effect upon adoption by COP21  
- Implemented by Ministers of Environment or other respective Ministries  
  • Preamble para.15, stronger actions by Non-Party Stakeholders (NPS), including cities & other subnational authorities  
  • Para.74.d&g (Paris Committee on Capacity Building and its 2016-2020 Workplan at subnational level)  
  • Engagement in pre2020 Action as NPS, in paragraphs;  
  - 106 (voluntary cancellation of KP units),  
  - 109 and 124 (Technical Examination Process (TEPs) Mitigation and Adaptation, respectively)  
  - 116 (Lima-Paris Action Agenda), 117 (NAZCA), 118 (Parties to work w/...) |

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## Advancing Paris Climate Agreement Through Ambitious and Transformative Local and Subnational Action

Engaging all levels of governments in raising ambition and accelerating action to pursue 1.5°C goal and climate neutrality around mid-century in an Urban World

1. **Raising Global Ambitions**
2. **Strengthening National Contributions**
3. **Accelerating Local and Subnational Actions**
4. **Engaging in Global Exchange and Knowledge Development**

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Cities around the world are already acting

Real momentum can occur only when nations and cities collaborate.

- Historic initiative between the 3 major global city networks in an effort to consolidate existing voluntary city climate commitments
- Launched at September Climate Summit 2014 in New York

Towards a City Standard (GPC)

A standard for measuring and reporting all in-boundary and trans-boundary GHG emissions of a city
Collective local actions accurately measured and captured

**WITHOUT GPC**
- Different types of measurements
- Account for only a portion of emissions
- Unclear if climate targets will be met
- Incomplete data limits investment
- Unable to relate to national climate action

**WITH GPC**
- One measurement
- Consistently account for all emissions
- Emissions trajectory well understood
- Good data drives investment
- Can measure city’s contribution to national climate efforts

http://www.ghgprotocol.org/city-accounting

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**Compact compliance in brief**

- Designed to encourage cities and towns of all sizes in the Global North and South to follow a logical progression towards full compliance over a 3-year period.
- Focus on climate change mitigation and adaptation / resilience
- Clear reporting framework – to help raise level of ambition and track progress
- Formal recognition provided at each stage of compliance:
  - **At engagement**: COMMITMENT
  - **Within 1 year**: MEASUREMENT
  - **Within 2 years**: TARGET
  - **Within 3 years**: ACTION PLAN
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City cooperation in practice

Selected Cities: Model Cities

<table>
<thead>
<tr>
<th>South Africa</th>
<th>Brazil</th>
<th>India</th>
<th>Indonesia</th>
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<tbody>
<tr>
<td>Steve Tshwete (0.23 million)</td>
<td>Recife (1.5 million)</td>
<td>Thane (1.9 million)</td>
<td>Bogor (1 million)</td>
</tr>
<tr>
<td>KwaDukuza (0.23 million)</td>
<td>Fortaleza (2.4 million)</td>
<td>Rajkot (1.3 million)</td>
<td>Balikpapan (0.62 million)</td>
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City cooperation in practice

European Cities

<table>
<thead>
<tr>
<th>Almada</th>
<th>Copenhagen</th>
<th>Gaziantep</th>
<th>Hannover</th>
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<tbody>
<tr>
<td>(Portugal)</td>
<td>(Denmark)</td>
<td>(Turkey)</td>
<td>(Germany)</td>
</tr>
<tr>
<td>(0,17 million)</td>
<td>(0,56 million)</td>
<td>(1,4 million)</td>
<td>(0,52 million)</td>
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<thead>
<tr>
<th>Warsaw</th>
<th>Zagreb</th>
<th>Bologna</th>
<th>Helsinki</th>
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<tr>
<td>(Poland)</td>
<td>(Croatia)</td>
<td>(Italy)</td>
<td>(Finland)</td>
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<tr>
<td>(1,7 million)</td>
<td>(0,79 million)</td>
<td>(0,38 million)</td>
<td>(0,60 million)</td>
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</table>
City cooperation in practice

LED priority sectors identified by cities

- Recife
- Fortaleza
- KwaDukuza
- Steve Tshwete
- Rajkot
- Thane
- Balikpapan
- Bogor

South-South-North Exchange

- 1st International networking seminar
  Nelson Mandela Bay (NMB), South Africa, Nov 2013
City cooperation in practice

Global peer-learning network

- European Study Tour, April 2014: Almada, Copenhagen, Hannover

Potential LED measures identified

- Recife, Brazil
  - Bus Rapid Transit (BRT)
  - Apibaribe River Navigability Project (to decrease road traffic)
  - Bike lane
  - Urban afforestation (carbon sink, cooling city)

Recife examples of implemented actions:
- Decree requires periodic GHG emissions inventory, Feb 2014
- Green Roofs Law, Dec 2014 - inspired by Copenhagen

- Prioritize re-appropriation of public space to allow for:
  - more low-carbon transport, re-greening,
  - water storage and sustainable energy
World Cities Project

- 8 city pairs (European, Japanese and Canadian)
- Funded by the DG REGIO, implemented by ICLEI
- Exchange experience on urban policy

About the network

Group of cities committed to drive a transition to sustainable consumption and production by implementing sustainable and innovation procurement.

Commitments

- Set ambitious, quantified targets on SPP
- Report on achievements
- Act as global and regional champions of SPP
Conclusions

- The role and importance of local governments is increasing and needs to be further recognised and substantiated.

- The implementation of major global agreements and solutions to global challenges cannot be achieved without a strong involvement of local and regional governments and the people they represent.

- Therefore we need to find new approaches in multi-level governance systems to combine the supra-national top-down with the local bottom-up perspective and needs.

- Governments should therefore strengthen the capacity for local governance as far as possible.
Conclusions continued…

- A cities session combined with G7 meetings is warmly welcomed and should become a regular exercise. Maybe a real dialogue between ministers and local leaders can be achieved.

- Maybe city related events and dialogues can also be combined with G20 meetings

Let us join our efforts for a better future!

Thank you!

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