

Invitation to join and engage



Global
100% Renewable Energy
Cities and Regions Network

www.iclei.org/lowcarboncity/100re



These ambitious cities, towns and regions:

- make commitments and decisions towards 100%RE
- drive the uptake of RE in their territories, paving the way to generate and use 100% RE, especially in electricity, heating/cooling, transportation, and local government operations;
- employ ambitious energy efficiency measures;
- systematically replace fossil fuels and/or nuclear energy with RE;
- give preference to local RE resources, where available;
- are transitioning towards 100% RE with a participatory and people-centered approach;
- regularly monitor and report progress towards 100%RE.

The City of Vancouver is an example of such leadership: In March 2015, the Vancouver City Council unanimously voted to support 100% renewable energy in Vancouver.

<http://www.mayorofvancouver.ca/news/council-supports-shift-100-renewable-energy>

What is a 100%RE City, Town or Region?

100%RE cities, towns and regions are local or regional governments that have set a political 100% RE target. This includes those that achieved this target, those that have exceeded this target by covering all their energy needs with RE and exporting the excess RE generated, as well as those that have in place sound strategies to move towards achieving 100% of their energy requirements from renewable energy sources.

(ICLEI, 2015 based on ICLEI/ REN21/ISEP Definition; Global Status Report on Local Renewable Energy Policies, 2011)

Ambitious cities, towns and regions are setting their course towards 100% Renewable Energy (RE) and are demonstrating that it is possible to realize this vision.

10 reasons for local and regional governments to set ambitious RE targets:

- Reduce air pollution and health risks
- Create local jobs and stimulate the local economy
- Keep money in the local community through use of local resources
- Generate revenue from sales and export of clean and renewable energy
- Save energy and money by reducing distribution losses and avoiding additional capacity to cover peak demand
- Reduce CO₂ emissions and contribute to climate protection
- Promote sustainable urban development
- Secure energy supply and increase community resilience through local and decentralized energy production
- Avoid fossil fuel consumption
- Support the achievement of national and international targets.

Join the lead cities, towns and regions: Global 100% Renewable Energy Cities & Regions Network

This network brings together local and subnational governments that are driving the transition towards 100%RE, enabling them to network and exchange with other leading cities and experts on a global scale. These governments have already adopted a 100%RE target or have a clear interest in exploring the 100% RE pathway in their jurisdiction.

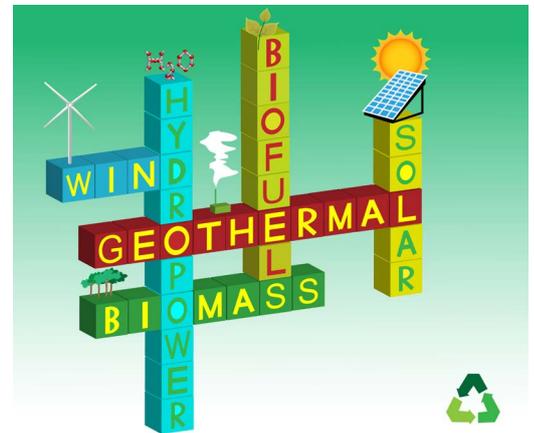
Benefits of engaging in the 100% Renewable Energy Cities and Regions Network:

- Networking, learning, cooperation opportunities with other leading governments
- Thematic guidance, workshops and support
- Access to RE and energy efficiency experts
- Opportunity to globally promote local solutions and service providers
- Worldwide recognition of progress achieved locally
- Visibility and profiling of champion local and regional leaders at the global level
- Access to experiences of national, regional and municipal initiatives on 100%RE
- Quick access to latest findings and reports.

International profiling opportunities in 2017:

By joining now, you will have an opportunity to gain visibility at:

- The climate conferences of the United Nations Framework Convention on Climate Change such as COP23 in Bonn (November 2017).
- The Local Renewables Conferences.



ICLEI can support you in leading the transition to 100%RE

- **Low-carbon urban development framework:** GreenClimateCities methodology www.iclei.org/gcc
- **Process guidance on promoting RE:** Local Renewables step-by-step
- **Solutions Gateway guidance platform:** www.solutions-gateway.org
- **Capacity building on RE & EE:**
 - » Thematic webinars
 - » Case studies
- **Access to experts:** Pool of Experts <http://tinyurl.com/pool-of-experts>
- **Stakeholder engagement and consensus driven energy futures scenarios:** GRIP scenario tool and process (by Dr. S. Carney)
- **Monitoring and reporting progress:** carbonn® Climate Registry (cCR) <http://carbonn.org/>
- **Networking opportunities at events:** e.g.: Local Renewables Conferences





Solar Bridge, City of Bonn, Germany

Have large cities set 100%RE targets at community scale?

Yes, examples of such leading cities include Vancouver, New York, Sydney, Malmö, Copenhagen, Stockholm, San Francisco, among others.

Is a 100%RE city or region automatically carbon-neutral or climate-neutral?

Not necessarily. The energy and transportation sectors are the largest greenhouse gas (GHG) emissions sources of many cities due to the combustion of fossil fuels. Eliminating the GHG emissions of these sectors is an important step for your city to become climate-neutral. However, there are other sources of GHG emissions such as land use change, industrial processes, and waste management practices. Therefore, being 100%RE is a key step but not enough to make your city or region climate-neutral.

Can nuclear energy be part of a 100%RE future?

No, nuclear energy is not renewable, though some sources consider it a low-carbon power source (if one does not consider the life-cycle emissions). Nuclear power should be excluded from the energy mix of any city, town or region that wishes to reach a 100% RE. From an "energy-safe city" perspective, nuclear energy it is not recommended.

For this and other frequently asked questions visit www.iclei.org/lowcarboncity/100RE.

Invited to participate in the network are:

Leaders:

Have set 100% RE target(s), have in place sound strategies to move towards achieving the targets and are making measurable progress.

Future leaders:

Have set 100% RE target(s), and are taking steps to create an enabling framework and progress towards these targets.

Learners:

Are committed to learn about 100% RE and are exploring ambitious RE targets.

How to learn more and join the network?

Joining is by invitation only. If you are interested, please contact us. There is no fee to join the network. Additional services may be offered at a fee.

To learn more and join Global 100% Renewable Energy Cities & Regions Network, please contact:

ICLEI – Local Governments for Sustainability
ICLEI World Secretariat
100% RE team, carbonn® Center
100re.network@iclei.org
www.iclei.org/lowcarboncity/100RE



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www.bvdm-online.de

The Global 100% Renewable Energy Campaign brings together stakeholders as a coalition of the willing and committed, strengthening the dialogue about Renewable Energy (RE), building capacity, disseminating opportunities, case studies and success stories from all over the world, and defining a roadmap towards success. Campaign partners include RE industry associations, research institutes, and ICLEI, as local government partner. www.go100re.net