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175 USDN Members Represent More than 73 Million People in the United States and Canada
Members learn from each other and collaborate to advance big, bold ideas:

- Sharing learnings & information
- Peer consultation
- Collaborative projects
USDN generates an annual network map that shows the ties among members, including information exchange and collaborative projects.
In part due to Burlington’s participation in the convening, we are hiring an Innovation Officer – rather than an IT director, as the City had originally envisioned.

- Jennifer Green, City of Burlington VT
USDN 2017 ENERGY-RELATED PEER LEARNING GROUPS AND PROJECTS

• 2017 Working Groups:
  • Building Energy Strategies
  • Energy Benchmarking and Reporting
  • Small Commercial & Multifamily Strategy
  • Energy Data Access

• Collaborative Projects:
  • Electric Heat Pump Feasibility Analysis
  • Innovation in Equity and Energy Efficiency
  • Energy Efficiency Opportunity Modeling
  • Energy Stretch Codes and Zero Net Energy Buildings
  • Grid Modernization, Microgrids, and Renewable Energy Planning
  • LED Street Lights, Electric Vehicles
It is possible to achieve many of the interim carbon reduction targets through continuous improvement in existing sectors.

*BUT*...

Achieving 80-100% reductions by 2050 or sooner (“80x50”) will require transformative and systematic changes in core city sectors, including building energy management, energy supply and distribution, transportation, industrial energy use, waste processing and land use.

*The Carbon Neutral Cities Alliance:*
A collaboration of global cities committed to reducing GHGs by at least 80% by 2050 or sooner—the most ambitious GHG emission reduction targets undertaken by any cities across the globe.
AREAS FOR STATE & LOCAL COLLABORATION

- Building energy codes
- Renewable portfolio standards
- Net metering & interconnection issues
- Authority for 3rd party ownership of utilities
- Access to building energy use data from utilities
The Pacific Coast Collaborative (PCC) represents the most advanced attempt to create a low carbon future of any region in the world.

- Formed under an MOU in 2008
- June 2016, partnered with the Mayors of Vancouver, Seattle, Portland, San Francisco, Oakland, and Los Angeles

About the PCC

- British Columbia, California, Oregon, Washington
- Regional population of 55 million people
- 5th largest GDP in the world
- Clean jobs are growing over twice as fast as the regional economy as a whole

“Each of the governments here is already taking bold steps on climate change; by joining forces, we will accomplish even more”

— Jay Inslee, Governor of Washington
PCC: PACIFIC NORTH AMERICA CLIMATE LEADERSHIP AGREEMENT

• Reach **75% of eligible large building square footage** on the Pacific Coast reporting energy use data

• Encourage **consumer adoption of ZEVs** and accelerate procurement of **ZEVs in fleets**

• Create a **comprehensive Pacific Coast charging network** along major highway systems from Southern CA to BC

• Lower the **carbon intensity of heating fuels**

• Advance **organic waste prevention and recovery**
Thank you!

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