The Climate Group works with state and regional governments to:

- **Accelerate the pace of climate policy development and adoption at the sub-national level.** States & Regions Alliance governments are leading the way on innovative climate and energy policy, shaping the world’s future policy landscape. Through our Policy Innovation Program, The Climate Group provides a forum for peer-to-peer learning and aims to accelerate the pace of climate policy development and adoption.

- **Measure and profile the climate commitments and actions made by state and regional governments.** States & Regions Alliance governments are setting ambitious climate targets and standards for impactful global climate action. In 2015, over 40 governments have reported over 300 climate commitments and actions to the Compact of States and Regions.

- **Promote an ambitious global response to climate change in line with science.** States & Regions Alliance governments are important stakeholders in the international climate governance processes. Together we are working to bring global attention to the climate leadership of sub-national governments and to encourage greater ambition at national and international levels.

Since 2005, The Climate Group States & Regions Alliance has brought together state and regional government leaders from around the world to take collective action on climate.

**12% of global GDP**

**2.9 gigatons CO2 emissions**

**354 million people**

*2011, **2008, ***2013 (OECD). These figures represent the 35 members of the States & Regions Alliance.

Show the world these governments are leading the fast growing low carbon economy by tweeting using @ClimateGroup and #StatesandRegions

If you want to join our alliance or support our work with states and regions visit theclimatetgroup.org/statesandregions or contact Libby Ferguson lferguson@theclimatetgroup.org

Februrary 2016
The States & Regions Alliance is a Global Network of Sub-National Governments, Committed to Working Together to Lead on Climate.

Adaptation and Resilience

- **Basque Country, British Columbia, California, Catalunya, Connecticut, Lombardy, Ontario, and Scotland**: Incentives or subsidies provided toward purchase of new plug-in hybrids, electric vehicles or EV charging stations.
- **Basque Country**: Target of 27% alternative fuel energy sources by 2030 and 100% by 2050.
- **Bavaria**: Planned investment of €4 million for research on electric-mobility, working with automotive industry.
- **California, Connecticut, Vermont, and Quebec**: International Zero-Emission Vehicle Alliance accelerates global adoption of ZEVs.
- **Ontario**: Multi-billion-dollar commitment to transform commuter rail network to fully-electric Regional Express Rail system.
- **Manitoba**: Diesel fuel sold must contain at least 2% biodiesel on an annual post average. This results in GHG reductions of over 55,000 tons annually.
- **New York State**: Through ChargeNY initiative, the state aims to accommodate more than 30,000 plug-in electric vehicles by 2018 and 1 million by 2025.
- **Rhine-Westphalia**: Aims to become Europe’s first large-scale model region for electric-mobility, with 250,000 electric vehicles by 2020.
- **Rhône-Alpes**: Committed to 17% reduction in energy consumption by 2020 in transportation sector (1990 levels).
- **Scotland**: £2 billion invested from 2013 to 2016 to help deliver emissions cuts.
- **South Australia**: Investment target of AUD$1 billion in low carbon generation by 2025.
- **Victoria**: AUD$200 million for the Future Industries Fund, including AUD$60 million New Energy and Jobs Fund.

Transportation

- **Basque Country, British Columbia, California, Catalunya, Connecticut, Lombardy, Ontario, and Scotland**: Incentives or subsidies provided toward purchase of new plug-in hybrids, electric vehicles or EV charging stations.
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Energy and Renewables

- **Australian Capital Territory**: Leveraging an innovative reverse auction process to award large-scale feed-in tariffs. 30% of electricity will be generated from renewables by 2020: targeting 100% by 2025.
- **Basque Country**: Increasing share of renewables in final energy mix through research in offshore facilities to harness marine energy.
- **British Columbia**: Revenue-neutral carbon tax in place since 2008.
- **California and Quebec**: An economy-wide, linked and legally-binding cap-and-trade GHG trading system, with Ontario set to join soon.
- **Connecticut**: First US state to develop a Green Bank model to leverage public and private funds for clean energy deployment. New York, Vermont and California have all now announced Green Banks.
- **Connecticut, New York State, and Vermont**: Among 8 state governments who formed The Regional Greenhouse Gas Initiative, the first market-based GHG regulatory program in the US.
- **North Rhine-Westphalia**: Green tech start-up initiative, KUR: incentivizes innovation and entrepreneurship.
- **Ontario**: First province in Canada to develop green bond program.
- **Québec**: Clean tech cluster, Ecotrust Quebec, reported an 8% increase in private sector investment from 2012 to 2014 and established Plan Nord, a CAN$6 billion, 25-year plan for sustainable development.
- **Scotland**: £2 billion invested from 2013 to 2016 to help deliver emissions cuts.
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Emissions Reduction Targets

- **States & Regions Alliance members**: are a driving force behind the Compact of States and Regions and the Under2CN, setting ambitious GHG reduction targets and committing to report against these targets on an annual basis.
- **Australia Capital Territory, California, Catalunya, New York State, North Rhine-Westphalia, Ontario, and Quebec**: Reducing GHG emissions by 80% by 2050 (below 1990 levels).
- **Baden-Württemberg**: GHG emissions reduction target of 30% by 2025 (below 1990 levels).
- **Basque Country, Catalonia, and Lombardy**: Reducing CO2 emissions by 40% by 2030 (below 2005 levels).
- **British Columbia**: Aiming to reduce CO2 emissions by 66% by 2050 (below 2007 levels).
- **British Columbia**: Reducing GHG emissions to below 1990 levels by 2050.
- **California and New York State**: Reducing GHG emissions to below 1990 levels by 2050.
- **Catalunya**: Emissions dropped 10.5% between 1990 and 2017 at the same time as population grew 9% and economy increased 41%.
- **Ile-de-France**: Absolute emissions reduction target of 73% by 2050 (below 1990 levels).
- **North Rhine-Westphalia**: In 10 years wind energy will increase from less than 3% to 15% by 2025.
- **Ontario**: Phased out coal in 2014 and reduced carbon emissions 15% in 2016.
- **Portugal**: Aiming to reduce CO2 emissions by 40% by 2025 (below 1990 levels).
- **Quebec**: Reducing GHG emissions by 80% by 2050 (below 1990 levels).
- **Scotland**: Target to reduce GHG emissions by 56% by 2020 (below 1990 levels) and by 2030.
- **South Africa**: Reducing GHG emissions by 2025 (below 1990 levels).
- **South Korea**: 40% reduction target of 2025.
- **UK**: Reducing fossil fuel use from 2015 to 2020.
- **Wales**: Targeting 70% by 2050 (below 1990 levels).

Energy Efficiency

- **Baden-Württemberg**: Increasing energy productivity by 2% annually to 2030.
- **Brazil**: Eco-Energy Plan underway, helping consumers cut energy bills through efficiency and smart metering. Ecofaktor scheme advises citizens to reduce consumption in peak hours by 6%.
- **California**: Strategic Plan for Energy Reduction of Buildings 2014-2030, to cut 22% of the CO2 emissions of existing residential buildings by reducing energy use by 4%. Jalisco: Set to achieve 12% across regional government buildings and fleets by 2018 based on 2013 levels.
- **New York State**: Reducing building energy consumption by 23% by 2026 (from 2012 levels), or by 180 billion kWh by 2040.
- **North Rhine-Westphalia, Ontario, and Wales**: Comprehensive regionwide stakeholder consultations for the development of climate strategies.
- **Oregon**: Market-based Energy Saving Scheme helps households and businesses save energy, with legislated target for electricity retailers to purchase energy savings certificates.
- **South Africa**: Improving energy efficiency of government buildings by 30% by 2020/2021 level, and of residential dwellings by 10% by 2030 (2013 levels).
- **Victoria**: Victorian Energy Efficiency Target scheme has saved over 20 million tons of CO2 equivalent emissions since it started in 2006.
- **Wales**: Target to reduce energy consumption by 18% by 2020 (on 2007 levels).
- **The Climate Group has conducted in-depth research on the powers and actions of global states and regions to support collaboration between members of the Alliance.**
- **Catalonia**: Committed to 40% reduction of greenhouse gas emissions by 2020.
- **The Climate Group**: Co-created the Pyrenees Climate Change Observatory to monitor and study climate change in the Pyrenees.
- **Baden-Württemberg**: North Rhine-Westphalia, Ontario, and Wales: Comprehensive regionwide stakeholder consultations for the development of climate strategies.
- **Gujarat**: Department for Climate Change, established in 2009, now has 30 clean energy initiatives.
- **KwaZulu-Natal**: First provincial South African government to establish a Climate Change and Sustainable Development Council.
- **Wales**: Well-being of Future Generations Act 2015 requires all climate risks to be fully considered by all public bodies for future policies.
- **Washington, California, British Columbia and Oregon**: Formed the Pacific Coast Collaborative, a framework for cooperative action on regional development and sustainable prosperity.