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New York City

Mayor de Blasio Commits to 80 Percent Reduction of Greenhouse Gas Emissions by 2050, Starting with Sweeping Green Buildings Plan

2015 DEC 3 AM 9:56
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CF#14-0907

September 21, 2014

Mayor unveils “One City, Built to Last: Transforming New York City’s Buildings for A Low-Carbon Future,” unprecedented commitment to retrofitting City’s public and private buildings

Every single public building with significant energy use will be upgraded by 2025; private buildings will be given ambitious target reductions and mandates if reductions are not met

Plan will lead to additional 10% reduction in building-based greenhouse gas emissions and \$8.5 billion in energy cost-savings over ten years, create approximately 3,500 new jobs in construction and energy services

NEW YORK—Mayor de Blasio announced today that New York City is committing to reducing its greenhouse gas emissions by 80 percent over 2005 levels by 2050, starting with *One City, Built to Last: Transforming New York City’s Buildings for a Low-Carbon Future* – a sweeping plan to retrofit public and private buildings to dramatically reduce the city’s contributions to climate change, while spurring major cost savings and creating thousands of new jobs for New Yorkers who most need them. This makes New York the largest city to commit to the 80 percent reduction by 2050, and charts a long-term path for investment in renewable sources of energy and a total transition from fossil fuels.

Nearly three quarters of New York City’s greenhouse gas emissions come from energy used to heat, cool, and power buildings, making building retrofits a central component of any plan to dramatically reduce emissions.

The City is poised to make direct investments to increase the efficiency of its public buildings, including schools and public housing, reducing the government’s contribution to climate change and generating operational savings for New York City taxpayers. Every single city-owned building with any significant energy use – approximately 3,000 buildings – will be retrofitted within the next ten years, by 2025, with interim goals along the way.

The City will also spur private building owners to invest in efficiency upgrades, setting ambitious



C40 BLOG



Research Spotlight: C40 and partners convene 17 cities in Copenhagen to discuss plans for 80% emissions reductions through 2050

June 25, 2014

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In this latest edition of our ongoing Research Spotlight series, we hear from Eric Ast, C40 Research Analyst on an important new research project to understand and advance the efforts of global cities leading the way in setting the most ambitious emissions reduction targets – Seth Schultz, C40 Director of Research, Measurement and Planning.

Since the release of the IPCC's third working group report in 2007, an 80% reduction in emissions from 2000 levels has become a benchmark for limiting global warming, meeting the 2°C target, and reducing the most severe impacts of climate change. While the target has been set, there's been limited work to date in understanding the path forward that cities are paving in pursuit of these deep, long-term emissions reductions.

Over the last year, C40, in partnership with the **Urban Sustainability Directors Network** and the **Innovation Network for Communities**, and with support from the **Kresge Foundation**, has focused on understanding the state of long-term climate action planning in world-leading cities. C40 has examined the plans of 17 cities – Berlin, Boston, Boulder, Copenhagen, London, Melbourne, Minneapolis, New York*, Oslo, Portland, San Francisco, Seattle,

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Stockholm, Sydney, Vancouver, Washington, DC, and Yokohama – that have committed to an 80% reduction in emissions by 2050.

Earlier this month, the City of Copenhagen hosted a workshop for cities involved in this study to discuss research findings and build a pathway towards collaboration in achieving their ambitious emissions reduction goals.

We have examined topics ranging from current city demographics and emissions profiles, to engagement with other governmental and private-sector stakeholders, and implementation strategies - all with the aim of understanding how cities can support one another. Review of over 3,500 pages of city planning strategies and 100 hours of interviews with city staff provided an in-depth understanding of the cities' plans. This work, in conjunction with actions and powers data reported by cities in our flagship publication, **Climate Action In Megacities (CAM) 2.0**, provides an unparalleled view of the actions these cities are taking, planning to take, and the level of power cities exercise over key segments of their plans.

Over the course of our recent three-day meeting in Copenhagen, C40 presented key research findings and the participating cities worked with one-another to focus future collaboration on three potential areas:

Developing Planning Standards – To align cities in the definition of emissions inventories, development of climate action plans, and mechanisms for plan measurement and tracking.

Advocating for Policy Change – To collectively overcome many of the regulatory barriers impeding progress towards deep carbon reduction by advocating for policies at the local, regional and federal levels.

Enabling “Transformative Change” in Key Sectors – Through sharing of best practices and strategies to drastically reduce emissions from transportation, energy use, and waste systems.

In the coming months, C40 will collaborate with partners and

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Bay Area commits to 80 percent greenhouse gas reduction

By John Upton (<http://grist.org/author/john-upton/>) on 7 Nov 2013

Air-quality officials in the oil-refinery-dotted and highway-laced San Francisco Bay Area committed Wednesday to substantially reduce greenhouse gas emissions from the famously progressive region.

Bay Area Air Quality Management District leaders directed agency staff (<http://www.baaqmd.gov/~media/Files/Communications%20and%20Outreach/Publications/1la=en>) [PDF] to begin the work needed to reduce emissions to **80 percent below 1990 levels by 2050**. The unanimous vote by the air district's directors was celebrated by environmentalists, including 350.org and the Sierra Club, which described it as "historic." (<http://theyodeler.org/?p=8686>)

“This is a little more significant than most climate action plans, in that the air district has real regulatory teeth,” 350.org Bay Area spokesperson Rand Wrobel told Grist. “This resolution will mean that the five refineries in the Bay Area could basically not function, as they produce some 40 percent of the stationary source industrial and commercial emissions.”

The heavily polluting refineries could be forced to cut output or vastly improve their environmental performance at a time when they are preparing to begin processing dirty tar-sands oil from Canada (http://www.contracostatimes.com/ci_23366257/canadian-tar-sands-crude-heads-bay-area-refineries).

In 2005, California’s then-Gov. Arnold Schwarzenegger ordered the state (<http://gov.ca.gov/news.php?id=1861>) to reduce emissions 80 percent by 2050 compared with 1990 levels. Which is nice, but actually meeting that requirement requires a helluva lot of planning, legislation, and subsequent enforcement at the state, regional, and local levels. Now the Bay Area is stepping up to that challenge.

A new study (<http://eetd.lbl.gov/publications/estimating-policy-driven-greenhouse-g>) by Lawrence Berkeley National Laboratory shows that California is on track to meet the goal of reducing emissions back to 1990 levels by 2020 — but the 2050 goal will be more elusive. California is reducing its emissions through a variety of aggressive steps, including a carbon-trading system and a requirement that utilities generate some of their electricity from renewables (which has led to the development of some of the world’s biggest solar farms in the state’s deserts). But the researchers found that bold new technologies and policies are needed (<http://newscenter.lbl.gov/news-releases/2013/11/04/new-ideas-needed-to-meet-california%E2%80%99s-2050-greenhouse-gas-targets/>) to meet the ambitious 2050 goal, especially because the state is projected to experience significant population growth over the next four decades.

The resolution adopted (<http://grist.files.wordpress.com/2013/11/baaqmd-climate-resolution-grist-org.pdf>) by the air district’s board on Wednesday lays out a 10-point plan for how the Bay Area will meet that goal. It includes expanding pollution enforcement, improving emissions monitoring and forecasting, and conducting new studies into the Bay Area’s energy future. Most importantly, it requires agency staff to develop a regional climate action strategy and accelerate the development of planned air-pollution rules.

Here’s hoping these kinds of ambitions spread far and wide — like a plume of pollution from a Chevron refinery (<http://grist.org/news/chevron-ignored-a-decade-of-warnings-before-richmond-refinery-explosion/>) smokestack.



California
80% by 2050
(see Pg. 2)

This page last reviewed December 2, 2015

Climate Change Programs

WELCOME

This website provides information on **implementing California's Scoping Plan**. The Plan is a central requirement of **Assembly Bill 32**, the Global Warming Solutions Act, requiring California to develop **regulations** that will reduce greenhouse gas (GHG) emissions to 1990 levels by 2020.



WHAT'S NEW

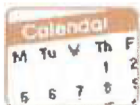
- December 14, 2015: Public Workshop on California Plan for Compliance with the Clean Power Plan and Potential Amendments to the Cap-and-Trade Program
- Facility GHG Emissions Visualization and Analysis Tool (v2.0)
 - Video Tutorial
- Archived Webcast - Scoping Plan Workshop
- Governor's Office - Climate Change Pillar Symposiums
- 2030 GHG Reduction Target
 - Executive Order B-30-15
 - FAQs
- California's 2030 Climate Commitment Fact Sheets

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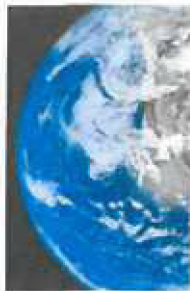
ASSEMBLY BILL 32 IMPLEMENTATION AND OTHER ACTIVITIES

Activities

Take Action Green Economy Sectors

Governor's Pillars: 2030 GHG Goals
SB 375 Regional Targets

Low Carbon Fuel Standard (LCFS)
Scoping Plan



[AB 32 Fee Regulation](#)
[Advanced Clean Cars](#)
[Short-Lived Climate Pollutants](#)
[Advisory Committees](#)
[GHG Emission Inventory](#)
[Public Health Workgroup](#)

[Cap-and-Trade](#)
[Auction Proceeds](#)
[U.S. EPA's Clean Power Plan](#)
[Mandatory GHG Reporting](#)
[Compliance Offset Protocols](#)
[Facility GHG Emissions Visualization Tool](#)

Background

California's major initiatives for reducing climate change or GHG emissions are outlined in [Assembly Bill 32 \(signed into law 2006\)](#), [2005 Executive Order](#) and a regulation to reduce passenger car GHG emissions. These efforts aim at reducing GHG emissions to 1990 levels by 2020 - a reduction of approximately 30 percent, and then an **80 percent reduction below 1990 levels by 2050**. The main strategies for making these reductions are outlined in the [Scoping Plan](#). Also provided here are links to state agencies and other groups working on climate issues which are being coordinated by the state's [Climate Action Team](#).

Contact Us

Climate Change Program

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at (916) 322-2990

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in

U.S. 40% by 2050
(see pg. 2)

March 31, 2015

FACT SHEET: U.S. Reports its 2025 Emissions Target to the UNFCCC

State Department Submits President Obama's Ambitious 2025 Target to Cut U.S. Climate Pollution by 26-28 Percent from 2005 Levels

To view the INDC submission, click [HERE](#).

Building on the strong progress made under President Obama to curb the emissions that are driving climate change and lead on the international stage, today the United States submitted its target to cut net greenhouse gas emissions to the United Nations Framework Convention on Climate Change (UNFCCC). The submission, referred to as an Intended Nationally Determined Contribution (INDC), is a formal statement of the U.S. target, announced in China last year, to reduce our emissions by 26-28% below 2005 levels by 2025, and to make best efforts to reduce by 28%.

Last November, President Obama and President Xi – leaders of the largest economies and largest polluters – made the historic announcement of the respective post-2020 climate targets for the United States and China. For the first time, China committed to limit its greenhouse gas emissions, with a commitment to peak emissions around 2030 and to make best efforts to peak early, and to increase its share of non-fossil energy consumption to around 20 percent by 2030. Following that historic announcement, the European Union put forward an ambitious and achievable INDC to cut their emissions 40% by 2030. And just last week, Mexico announced that it would peak its overall net greenhouse gases by 2026, backed by strong unconditional policies and a new bilateral task force to drive climate policy harmonization with the United States.

With these actions, as well as strong INDCs submitted by Norway and Switzerland, countries representing over 50% of global CO₂ emissions have either announced or formally reported their targets. Today's action by the United States further demonstrates real momentum on the road to reaching a successful climate agreement this December in Paris and shows President Obama is committed to leading on the

international stage.

The U.S. target will roughly double the pace of carbon pollution reduction in the United States from 1.2 percent per year on average during the 2005-2020 period to 2.3-2.8 percent per year on average between 2020 and 2025. This ambitious target is grounded in intensive analysis of cost-effective carbon pollution reductions achievable under existing law and will keep the United States on the pathway to achieve deep economy-wide reductions of 80 percent or more by 2050. The Administration's steady efforts to reduce emissions will deliver ever-larger carbon pollution reductions, public health improvements, and consumer savings over time and provide a firm foundation to meet the new U.S. target.

United Kingdom

Government pledges to cut carbon emissions by 80% by 2050

New climate change secretary Ed Miliband sets new goal to replace former target of 60%

Deborah Summers, Damian Carrington and agencies

Thursday 16 October 2008 09.57 EDT

The government today committed the UK to cutting greenhouse-gas emissions by 80% by the middle of the century in a bid to tackle climate change.

In a move that was widely welcomed by environmental campaigners, Ed Miliband, the new energy and climate change secretary, said that the current 60% target would be replaced by the higher goal in the climate change bill.

Miliband told MPs that the tough economic conditions were not an excuse to "row back" on the commitment to tackle global warming.

He accepted the recommendations of the government-appointed Climate Change Committee, chaired by Lord Turner, which said last week that the UK ought to commit to an 80% reduction from 1990 levels for all greenhouse gases and covering all sectors.

He also pledged to amend the energy bill to create "feed-in tariffs", allowing small-scale energy producers - such as homes with wind turbines or solar panels - to sell electricity at a guaranteed price.

And he issued a warning to energy companies to act "in a satisfactory way" to reduce charges for customers with pre-payment meters and those not connected to the gas main.

He said the government expects "rapid action or explanation to remedy any abuses" and warned if the firms do not act then ministers would consult on legislation to prevent "unfair pricing".

Dr Doug Parr, Greenpeace's chief scientist, said: "This is a hugely encouraging first move from the new climate change secretary. In a decade in power Labour has never adopted a target so ambitious, far-reaching and internationally significant as this.

"To meet it will require determined action from Gordon Brown and every one of his successors for the next four decades. Hard choices will be made that will touch every Briton, but it can and must be done."

He added: "Ed Miliband obviously understands the urgency of the threat we face from

11/30/2015



Honorable Paul Koretz
200 North Spring Street, Suite 440
Los Angeles, CA 90012

Re: CF# 14-0907— Support for 80% GHG cuts in Los Angeles by 2050

Dear Councilmember Koretz,

We are writing on behalf of hundreds of our members and supporters to express our strong endorsement for the visionary initiative to reduce greenhouse gas (GHG) emissions in Los Angeles 80% below 1990 levels by year 2050. Unión de Vecinos works with low income communities of color in Los Angeles who are most heavily impacted by fossil-fuel pollution, including oil refineries and drilling, diesel and gasoline-powered vehicles, gas-fired power plants, and many other sources.

The science shows that 80% GHG cuts from 1990 levels by 2050 are the minimum needed to avoid catastrophic climate change, protect public health from adverse impacts of co-pollutants and meet the policy goals set by the State of California. This proposal will not only help us meet necessary statewide targets, it is also necessary to make a serious breakthrough to finally solve the public health crisis created by smog in Los Angeles. Furthermore, rigorous studies show that 80% cuts can be achieved while creating a healthy economic growth for all and lifting up disadvantaged communities with job creation, equity programs and revitalization projects.

We also strongly support setting 80% reduction of GHG emissions by 2030 for LADWP, which is already projected to meet almost 60% cuts by 2026 due to phase-out of coal. LADWP needs to meet the 80% cuts earlier because it started out with much higher emissions compared to rest of the state.

We applaud your leadership for championing this motion and urge other members of the City Council to vote for this proposal in advance of climate negotiations in Paris to demonstrate the leadership of City of Los Angeles in addressing this vital issue.

Sincerely,

A handwritten signature in cursive script that reads "Elizabeth Blaney".

Elizabeth Blaney
Co-Director

Cc: Andy Shrader

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Los Angeles, CA 90012



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Sincerely,

Jesse Marquez
Executive Director

Cc: Andy Shrader

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Honorable Paul Koretz
200 North Spring Street, Suite 440
Los Angeles, CA 90012



Change. Not Charity.

Re: CF# 14-0907— Support for 80% GHG cuts in Los Angeles by 2050

Dear Councilmember Koretz,

We are writing to express our strong endorsement for the visionary initiative to reduce greenhouse gas (GHG) emissions in Los Angeles 80% below 1990 levels by year 2050. The Liberty Hill Foundation supports community organizing to advance social, economic and environmental justice in Los Angeles. We are especially concerned with low income communities of color in Los Angeles who are most heavily impacted by toxic contaminants related to our fossil fuel-based economy, as well as the current and imminent threats to people and the planet from global warming.

The science shows that 80% GHG cuts from 1990 levels by 2050 are the minimum needed to avoid catastrophic climate change, protect public health from adverse impacts of co-pollutants and meet the policy goals set by the State of California. This proposal will not only help us meet necessary statewide targets, it is also necessary to make a serious breakthrough to finally solve the public health crisis created by smog in Los Angeles. Furthermore, rigorous studies show that 80% cuts can be achieved while creating a healthy economic growth for all and lifting up disadvantaged communities with job creation, equity programs and revitalization projects.

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Sincerely,

Shane Murphy Goldsmith
President/CEO

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