

May 24, 2016

Dear Senate President Pro Tem De León, Speaker Rendon, Budget and Fiscal Review Committee and other members:

**CALIFORNIA BUSINESS  
ALLIANCE FOR A CLEAN  
ECONOMY**

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Mountain View, CA 94040

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On behalf of the more than 1,325 businesses, associations and chambers of commerce that are members of the California Business Alliance for a Clean Economy, I am reaching out to, once again, express our unwavering support for the state's Low Carbon Fuel Standard (LCFS).

In California, 30 million cars, trucks and buses traverse our roads every day, responsible for 40% of carbon pollution while contributing to smog and soot particles that pollute the air we breathe. To help meet our clean air goals, we need the LCFS, which is one of the largest carbon pollution reduction measures under California's climate program (AB 32). Here is a snapshot of how the LCFS is succeeding:

- The California Air Resources Board reported last week that industry has outperformed the standard by 80 percent on average since 2011. Last year, there was a 98% compliance rate with the LCFS, with a total of 5.5 million tons of reductions credited. This is equivalent to removing 1 million cars and trucks from the roads for a year in terms of preventing greenhouse gases from entering the atmosphere.
- Low-carbon and renewable fuels (e.g., biodiesel and renewable diesel produced from waste oils, biogas captured from landfills and dairies, clean electricity, and advanced ethanol) have replaced more than 6.6 billion gallons of petroleum since the program began.
- The LCFS provides greater energy diversification, with more of our transportation fuel mix now coming from renewable and alternative sources compared to fossil-fuel based petroleum.
- The LCFS, together with the AB 32 cap and trade program, have helped to avoid \$1.6 billion in health-related impacts from air pollution. These benefits will continue to grow to \$8.2 billion annually by 2025 as the programs are fully implemented and we use very low-carbon fuels in increasing volumes.
- The public transit sector, which often struggles to meet service obligations in a way that users can afford, is making income from the LCFS, and that funding is being applied specifically to keeping down costs and maintaining or expanding service. This only multiplies the carbon reduction benefits of the program.
- The program has increased investment in the clean fuels market – including production and distribution – by an estimated \$650 million since its start in 2011. While this is still only a drop in the bucket of the \$60 to \$80 billion we spend annually on petroleum-based fuels in California, the LCFS has started to spur increased investments across the clean fuel supply chain. The state has expanded its use of clean, alternative fuels by 36% in five years.

The LCFS is working. Growing our clean energy economy through policies like the LCFS increases good technology-driven jobs in the state and protects our health and environment from the effects of air and carbon pollution. There is a reason that the LCFS is the oil industry's #1 target: it has been the singularly most effective policy tool to date in moving us toward a competitive alternative fuels industry.

The LCFS is vital. Without it, California will not meet its GHG reduction goals by 2020 and beyond. Without it, the oil industry will continue to dominate the transportation energy sector with no incentive to innovate. Without it, the hundreds of millions of private and public investment dollars and years of ingenuity creating alternative fuels will be for naught. Without it, the state's goals to dramatically increase electric vehicles, to protect the air for millions of Californians and drive California's burgeoning clean energy economy for the region, the U.S and globally will be in jeopardy.

As a reminder, in 2015, dozens of businesses and other allies, including the Alliance, communicated our unflagging support for the LCFS (see attached). It's imperative that the LCFS's implementation remain on track as planned. Thank you.

Sincerely,



Susan Frank  
Director  
California Business Alliance for a Clean Economy

cc: California Governor's Office  
CARB Chairman, Mary Nichols

February 17, 2015

Mary Nichols, Chairman  
California Air Resources Board  
1001 I Street, PO Box 2815  
Sacramento, CA 95812

Dear Chairman Nichols and Members of the Board:

The undersigned businesses, associations and organizations are writing to support the California Air Resources Board's continued strong, steady leadership on the state's pioneering clean energy and climate policies and to urge the Board's swift re-adoption of the Low Carbon Fuel Standard, or LCFS, in 2015. We believe that clean fuels, clean air and a growing economy can go hand-in-hand, and add our voices to the tens of thousands of Californians who support the LCFS.

Transitioning to lower carbon transportation fuels benefits all Californians by:

- **Diversifying the state's fuel supply and increasing independence from fluctuating oil prices that create market and economic uncertainty.** The LCFS is already working. From 2011 to 2013 alternative fuels comprised a steadily increasing share of transportation energy use in California. An abundance of alternative fuels exists—enough to meet the LCFS by 2020—and the market has grown faster than anticipated. Furthermore, available low carbon fuels could grow to replace up to 400,000 barrels [16.8 million U.S. gallons] of gasoline and diesel use *per day*, reducing the overall carbon intensity of on-road transportation fuels in California and the Pacific Northwest by 14% to 21% by 2030.
- **Making consumers less vulnerable to price swings at the pump, saving money in the long run, and keeping transportation fuel dollars at home to grow the local economy.** California households are expected to save, on average, over \$800 annually by 2020, growing to over \$2,000 annually by 2030 in their transportation fuel bills, thanks to a combination of state policies that will spur more efficient cars and diverse fuel choices, and more walkable communities with transit. When consumers spend less on fuel, they have more to spend in their communities.
- **Benefitting society by spurring greater use of clean alternative fuels and vehicles.** The LCFS will result in \$1.4 to \$4.8 billion in societal benefits by 2020 from reduced air pollution and increased energy security. The benefits could be even greater, \$10.4 billion by 2020 and \$23.1 billion by 2025, when other state fuels policies are also included.
- **Helping to cut air pollution and improve public health.** To date, the LCFS has cut carbon emissions by about 9 million metric tons – that's equivalent to removing about 1.9 million passenger cars from the road for a year. Looking forward, from 2016 to 2020, the state estimates the LCFS will cut emissions by 35 million metric tons – the equivalent of removing about 7.4 million passenger cars from the road for a year.
- **Retaining the state's innovation leadership in a domestic clean fuels industry.** California is home to more than 40,000 businesses serving advanced energy markets, employing roughly 431,800. The LCFS, alone, could contribute at least 9,100 new jobs, and potentially many more if the state attracts more clean fuel production facilities and technology providers.

The science is clear: the time to act is now. We applaud your commitment to ensuring a healthy and economically vibrant California today and for future generations.

Sincerely,

Javier Garoz, CEO  
**Abengoa Bioenergy**

Ed Duggan, President  
**Alton Energy, Inc.**

Bonnie Holmes-Gen, Senior Director, Air Quality and Climate Change  
**American Lung Association in California**

Richard Eidlin, Vice President, Policy & Campaigns  
**American Sustainable Business Council**

Fernando Garcia, Senior Director, Scientific & Regulatory Affairs  
**Amyris**

Brigid McCormack, Executive Director  
**Audubon California**

Russ Teall, President & Founder  
**Biodico**

Julia Levin, Executive Director  
**Bioenergy Association of California**

Allen Barbieri, CEO  
**Biosynthetic Technologies**

JB Tengco, California Director  
**BlueGreen Alliance**

Tom Bowman, President  
**Bowman Change, Inc.**

Matt Read, Director, Statewide Government Relations  
**Breathe California**

Ron Davis, General Manager  
**Burbank Water and Power**

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Eileen Tutt, Executive Director  
**California Electric Transportation Coalition**

Margie Gardner, Executive Director  
**California Energy Efficiency Industry Council**

Jena Price, Legislative Affairs Manager  
**California League of Conservation Voters**

Dave Modisette, Executive Director and Chief Executive Officer  
**California Municipal Utilities Association**

Tim Carmichael, President  
**California Natural Gas Vehicle Coalition**

Nancy Rader, Executive Director  
**California Wind Energy Association**

Nick Lapis, Legislative Coordinator  
**Californians Against Waste**

John Boesel, President and CEO  
**CALSTART**

Tim Brummels, CEO  
**Canergy, LLC**

Elena Christopoulos, Energy/Business Development Director  
**Capo Projects Group [CPG]**

Bobbi Larson, Executive Director  
**CASA (California Association of Sanitation Agencies)**

Katelyn Roedner Sutter, Environmental Justice Program Director  
**Catholic Charities, Diocese of Stockton**

Ann Hancock, Executive Director  
**Center for Climate Protection**

Tim Frank, Director  
**Center for Sustainable Neighborhoods**

Mindy Lubber, President  
**Ceres**

Colleen C. Quinn, Vice President, Govt. Relations and Public Policy  
**ChargePoint**

Vijendra Sahi, Partner/VP of Business Development  
**Clarkstreet Associates**

Vandana Bali, Principal  
**Clean Air Advocates**

Andrew J. Littlefair, President and CEO  
**Clean Energy**

Andrew Grinberg, Oil and Gas Program Manager  
**Clean Water Action**

Jason Anderson, President  
**Cleantech San Diego**

Gary Gero, President  
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**Climate Parents**

Jonathan Parfrey, Executive Director  
**Climate Resolve**

Gregg Small, Executive Director  
**Climate Solutions**

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Bradley E. Baker, CEO and Chairman  
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Bahram Fazeli, Director of Research & Policy  
**Communities for a Better Environment**

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**Community Fuels**

Ellen Friedman, Executive Director  
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Shannon Baker-Branstetter, Policy Counsel for Energy and Environment  
**Consumers Union**

Wes Bolsen, Business Development & Public Affairs  
**Cool Planet**

Jan Koninckx, Global Business Director, Biorefineries  
**DuPont Industrial Biosciences**

Jennifer Krill, Executive Director  
**Earthworks**

Holly Kaufman, CEO  
**Environment & Enterprise Strategies**

Travis Madsen, Global Warming State Campaign Director  
**Environment America**

Michelle Kinman, Clean Energy Advocate  
**Environment California**

Tim O'Connor, Senior Attorney & Director, California Climate  
**Environmental Defense Fund**

Mary Solecki, Western States Advocate  
**Environmental Entrepreneurs (E2)**

Ted Kniesche, VP Business Development  
**Fulcrum Bioenergy**

**John Harrison, Mayor Pro Tem,**  
**City of Redlands**

John Plaza, President & CEO  
**Imperium Renewables, Inc.**

Ruben Guerra, Chairman and CEO  
**Latin Business Association**

Helen L. Hutchison, President  
**League of Women Voters**

Nancy Sutley, Chief Sustainability and Economic Development Officer  
**Los Angeles Department of Water and Power**

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**Low Carbon Fuels Coalition**

Mark E. Carlson, Director  
**Lutheran Office of Public Policy - California**

Margaret Bruce, Principal Solutionary  
**Manzanita Consulting Associates**

Sandra Itkoff, CEO  
**Marvel Energy**

**Bruce McPherson, Supervisor,**  
**Santa Cruz County**

David Mogavero, President  
**Mogavero Notestine Associates, Architects and Developers**

Loni Cortez Russell, California Field Manager  
**Moms Clean Air Force**

Shelby Neal, Director of State Governmental Affairs  
**National Biodiesel Board**

Ron Sundergill, Senior Director - Pacific Region Office  
**National Parks Conservation Association**

Simon Mui, Director, California Vehicles and Fuels  
**Natural Resources Defense Council**

Michelle Passero, Senior Climate Policy Advisor  
**The Nature Conservancy**

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**Nth Power**

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Courtney Hinkle, Campaign Manager  
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Jana Gastellum, Climate Program Director  
**Oregon Environmental Council**

Neil Koehler, CEO  
**Pacific Ethanol**

Rob Elam, CEO  
**Propel Fuels**

Joel Ervice, Associate Director  
**Regional Asthma Management & Prevention (RAMP)**

Eric Bowen, Vice President, Corporate Business Dev. & Legal Affairs  
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Arlen Orchard, General Manager and Chief Executive Officer  
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Gavin Carpenter, Policy and Business Development  
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Kathryn Phillips, Director  
**Sierra Club California**



Amee Sas, Executive Director  
**SoCo Nexus**

Graham Ellis, Senior VP, Business Dev. & Strategic Accounts  
**Solazyme, Inc.**

Virginia Klausmeier, CEO  
**Sylvatex**

Paul Scott, VP, Advanced Technologies  
**Transportation Power, Inc.**

Adrienne Alvord, Director, California and Western States  
**Union of Concerned Scientists**

Elena Christopoulos, President  
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Dennis Murphy, Chair  
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Chuck White, Regulatory Affairs Consultant  
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