

**Comment 1 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: John

Last Name: Boesel

Email Address: jboesel@calstart.org

Affiliation: CALSTART

Subject: Comments for Additional GHG Reductions form Transport Sector

Comment:

Emily,

Thank you for organizing this informative workshop. We believe this topic is deserving of additional consideration. For future workshops, we would be happy to provide perspective from the clean transportation technology industry.

One strategy we would like the state to consider is investing in a significant public awareness and education campaign related to zero emission vehicles. As some noted during the panel, the level of awareness of these vehicles and their benefits is still low. State funding, along the lines of \$5 million/year for five years could do a lot to change that situation. That amount of money would represent a small percentage of the over-all investment to reduce GHG's from the light-duty vehicle market.

John Boesel

President and CEO

CALSTART

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2018-08-20 12:41:29

No Duplicates.

**Comment 2 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Takumi

Last Name: Soyama

Email Address: soyamatakumi25918@gmail.com

Affiliation: Energy Institution Inc

Subject: World-first Best Idea(invention)

Comment:

Not to mention a car ,I developed a "Soyama turbine" settled until the exhaust gas of all internal combustion engines including the plane and an exhaust smell, an exhaust sound at the same time for the first time in the world.When it attaches this turbine to the exhaust oral regions such as cars,the exhaust gas extremely decreases ,and the exhaust sound (the noise )is "Soyama turbine" of the surprise to make silence having no bad smell not reduction . If an internal combustion engine ,a factory,the thermal power station can use this turbine and the world is adopted please examine the adoption of a splendid turbine settled until abnormal weather a climate change ,air pollution and plane noise problems by all means .And I wish so that it is unfolded from your country to the world. Thank you very much for your help.

Attachment: [www.arb.ca.gov/lists/com-attach/2-ghgpetroleumfuels-ws-UTNSeVE9V2cDPAM3.jpg](http://www.arb.ca.gov/lists/com-attach/2-ghgpetroleumfuels-ws-UTNSeVE9V2cDPAM3.jpg)

Original File Name: B-mC947UIAAlK3r.jpg

Date and Time Comment Was Submitted: 2018-08-20 17:21:21

No Duplicates.

**Comment 3 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Lorelei

Last Name: Oviatt

Email Address: Loreleio@kerncounty.com

Affiliation: Director Kern County Planning

Subject: Report - Economic Impacts of Phasing out Gas Vehicles

Comment:

Dear CARB Board members,

In response to proposals to phase out internal combustion engines, Kern County commissioned an independent fiscal study on the land use implications for the loss of gas stations and related repair and service shops as well as jobs. The included link to the report shows a \$90 million annual loss to Kern County General Fund. In addition we provided an online calculator for other cities and counties to calculate their potential impacts. This is a conservative report and we welcome a discussion on our assumptions and other ideas being considered.

<https://kernplanning.com/proposed-ab-1745-clean-cars-2040-act-economic-impact-calculator/>

Thank you for the opportunity to participate.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2018-08-22 10:31:39

No Duplicates.

**Comment 4 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Joseph  
Last Name: Williams  
Email Address: jw5304@gmail.com  
Affiliation: J.W.Advanced Designs

Subject: near zero Emissions Technology  
Comment:

There is a new Technology afford by J.W. Advanced Designs Inc.  
Name C.C.E.F.S. Carbon Capture Emission Filter System.  
to capture tale pipe emissions from Buses heavy trucks etc.  
this capturing system is Designed to capture particulate mater from  
combustible Engines gas,Diesel,from emitting freely into the  
Air,that causes upper respiratory infection and 3800 premature  
Deaths, and causes cancer in all ages... this near zero Emission  
Technology is what the Doctor ordered, it is not hard to Determine  
if the oil is changed into gas that has less emissions that the  
remainder of emissions are free to get into the Air we Humans  
Breath. so Bye Capturing the Emissions into the C.C.E.F.S. there  
are Zero Emissions to Breath and less Cancer, less Infections to  
Contact.this is a need that C.A.R.B.  
to Address greenhouse gas reductions from petroleum transportion  
fuels.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2018-08-22 13:28:50

No Duplicates.

**Comment 5 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Jason

Last Name: Pavluchuk

Email Address: jason@smartertransportation.org

Affiliation: Coalition for Smarter Transportation

Subject: Reduce GHG from transportation by reducing VMT

Comment:

Comments Attached

Attachment: [www.arb.ca.gov/lists/com-attach/5-ghgpetroleumfuels-ws-WjlQOV0xVmhQMwFv.pdf](http://www.arb.ca.gov/lists/com-attach/5-ghgpetroleumfuels-ws-WjlQOV0xVmhQMwFv.pdf)

Original File Name: Comments to California Air Resources Board\_August2018.pdf

Date and Time Comment Was Submitted: 2018-08-22 14:08:33

No Duplicates.

**Comment 6 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Eric

Last Name: Foster

Email Address: erfoster@gmail.com

Affiliation: concerned citizen

Subject: practical regulations

Comment:

To Whom It May Concern,

When considering new or modified legislation pertaining to fossil fuels and their use in transportation & electric generation, please remember a few things:

1) California already has a much lower per-capita, per-Kw, per-mile driven pollution rate compared to other US states and especially developing / newly industrialized nations like China

2) California continues to shed businesses & jobs, and scare off major job-creating investors / corporations because of the perception of uncontrolled legislation / rules that cost citizens and tax payers too much for fuel & electricity.

3) We have already passed to the wrong side of the cost-benefit curve, where efforts to further reduce pollution by up to a few % points cost a whole lot more per % improvement than all the previous improvements over the past 25 years or so. Effort is better spent pushing federal & international rules to improve ocean-borne pollution from ships and require foreign countries with poor standards to improve emissions-side improvements (better fuel mileage, lower SOx, NOx, PM, mercury, and other pollutants).

4) Market forces continue to increase renewables to a point where they are a natural part of the energy mix. Allow existing regulations and market forces to guide Californian's every day choices of fuel & electricity.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2018-08-22 14:58:44

No Duplicates.

**Comment 7 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Monda

Last Name: Byrd

Email Address: monda@mts-stim.com

Affiliation:

Subject: Opportunities for Additional Greenhouse Gas Reductions

Comment:

My name is Monda Byrd, Vice President of MTS Solutions in Bakersfield, CA. We are an oilfield service company. The oil and gas industry is the economic engine of this community. During the recent downturn in the industry, there were so many families devastated financially, moved out of state and dealt with some real-time issues from losing jobs. The proposal to cut oil production which is still feeling the repercussions of the last recession does not make sense, and what feels like a state working in cooperation with an industry, it feels like the state works against it. We work hard and just want to provide a good life for our families. Shutting down the oil and gas industry would not only hurt our pocketbooks - it would hurt the fabric of our community.

It is my sincere hope that you will take this view point into consideration as you evaluate any next steps you might take.

Sincerely,  
Monda

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2018-08-23 07:55:38

No Duplicates.

**Comment 8 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Jim  
Last Name: Zaben  
Email Address: jzaben@kingsoiltools.com  
Affiliation: Kings Oil Tools

Subject: Additional GHG reduction  
Comment:

Please see my attached letter regarding the proposal to cut oil production.

Thank you and have a good day.

Jim Zaben

Attachment: [www.arb.ca.gov/lists/com-attach/8-ghgpetroleumfuels-ws-UDwBYgRxUHdSMQZ0.docx](http://www.arb.ca.gov/lists/com-attach/8-ghgpetroleumfuels-ws-UDwBYgRxUHdSMQZ0.docx)

Original File Name: Letter to ARB\_Cut Oil Production.docx

Date and Time Comment Was Submitted: 2018-08-23 11:12:47

No Duplicates.



**Comment 9 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Matt

Last Name: Lucas

Email Address: matt.lucas@centerforcarbonremoval.org

Affiliation: Center for Carbon Removal

Subject: Opportunities for Additional Greenhouse Gas Reductions From Petroleum Transportation Fuels

Comment:

see attachment

Attachment: [www.arb.ca.gov/lists/com-attach/9-ghgpetroleumfuels-ws-VTZVPAdrUW8EZwNt.pdf](http://www.arb.ca.gov/lists/com-attach/9-ghgpetroleumfuels-ws-VTZVPAdrUW8EZwNt.pdf)

Original File Name: Comments following \_Opportunities for Additional GHG Reductions from Petroleum Transportation Fuels Workshop\_.pdf

Date and Time Comment Was Submitted: 2018-08-23 14:46:00

No Duplicates.

**Comment 10 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Omonigho  
Last Name: Oiyemhonlan  
Email Address: ooiyemhonlan@biologicaldiversity.org  
Affiliation: Center for Biological Diversity

Subject: Center for Biological Diversity California ARB Comment Letter  
Comment:

To Whom It May Concern:

Please find the attached comment letter on behalf of the Center for Biological Diversity regarding the California ARB Workshop on "Opportunities for Additional Greenhouse Gas Reductions From Petroleum Transportation Fuels."

Attachment: [www.arb.ca.gov/lists/com-attach/10-ghgpetroleumfuels-ws-BzYGOFwCUjFWaABf.pdf](http://www.arb.ca.gov/lists/com-attach/10-ghgpetroleumfuels-ws-BzYGOFwCUjFWaABf.pdf)

Original File Name: 18 08 24 CBD CARB Transport and Oil Workshop Comments.pdf

Date and Time Comment Was Submitted: 2018-08-24 10:47:13

No Duplicates.

**Comment 11 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: J. Chris

Last Name: Hall

Email Address: chrishall@prodigy.net

Affiliation:

Subject: Written Comments on Workshop on Greenhouse Gas Reduction  
Comment:

See attached .pdf document.

Attachment: [www.arb.ca.gov/lists/com-attach/11-ghgpetroleumfuels-ws-BjcBP1dmUjlWYgYy.pdf](http://www.arb.ca.gov/lists/com-attach/11-ghgpetroleumfuels-ws-BjcBP1dmUjlWYgYy.pdf)

Original File Name: 180824DP CARB Greenhouse Gas Reduction Workshop Written Submittal.pdf

Date and Time Comment Was Submitted: 2018-08-24 14:21:10

No Duplicates.

**Comment 12 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Roger

Last Name: Aines

Email Address: aines1@llnl.gov

Affiliation: Lawrence Livermore National Laboratory

Subject: Comments from Roger Aines

Comment:

Please see attached file.

Attachment: [www.arb.ca.gov/lists/com-attach/12-ghgpetroleumfuels-ws-WjlVMIQnADFRCAw.pdf](http://www.arb.ca.gov/lists/com-attach/12-ghgpetroleumfuels-ws-WjlVMIQnADFRCAw.pdf)

Original File Name: CARB Petroleum GHG Workshop final.pdf

Date and Time Comment Was Submitted: 2018-08-24 15:31:31

No Duplicates.

**Comment 13 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Catherine

Last Name: Garoupa White

Email Address: catherine@californiansagainstfracking.org

Affiliation:

Subject: comments on behalf of CAF and CCEJN

Comment:

Comments attached.

Attachment: [www.arb.ca.gov/lists/com-attach/13-ghgpetroleumfuels-ws-VjdQJABjUI4FYFI9.pdf](http://www.arb.ca.gov/lists/com-attach/13-ghgpetroleumfuels-ws-VjdQJABjUI4FYFI9.pdf)

Original File Name: ARB comments re reducing GHGs from petrol transpo fuels\_8.22.18.pdf

Date and Time Comment Was Submitted: 2018-08-24 15:32:57

No Duplicates.

**Comment 14 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Shannon

Last Name: Sedgwick

Email Address: shannon.sedgwick@laedc.org

Affiliation: LAEDC Institute for Applied Economics

Subject: The Economic Contribution of the Oil and Gas Industry

Comment:

Dear CARB Board members,

The oil and gas industry makes a significant contribution to the California economy. Extraction, production, refining and related manufacturing result in highly tradable products consumed domestically and exported, producing high revenues, high wage jobs and significant fiscal revenues for all levels of government. Understanding the size of the oil and gas industry, and who will secondarily be affected by regulations and mandates under consideration, is important when considering additional changes. Last year, the Los Angeles County Economic Development Corporation (LAEDC) Institute for Applied Economics conducted an industry contribution analysis of the oil and gas industry as a whole in California. The report can be found here: <https://laedc.org/research-analysis/search-reports/download-info/oil-gas-california-industry-economic-impact/>  
Thank you, for the opportunity to comment.  
(My full comment is in the attachment)

Attachment: [www.arb.ca.gov/lists/com-attach/14-ghgpetroleumfuels-ws-BmUGYQR3VGUGX1cw.docx](http://www.arb.ca.gov/lists/com-attach/14-ghgpetroleumfuels-ws-BmUGYQR3VGUGX1cw.docx)

Original File Name: CARB\_GHG Reduc Petro Transp Fuels\_ Public comment\_20180824.docx

Date and Time Comment Was Submitted: 2018-08-24 16:06:13

No Duplicates.

**Comment 15 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Peter

Last Name: Erickson

Email Address: pete.erickson@sei.org

Affiliation: Stockholm Environment Institute

Subject: Response to panelist comments on our study

Comment:

Several comments made by other panelists in response to my presentation and our related study from February, "How limiting oil production could help California meet its climate goals", were misleading or incorrect. I am submitting these remarks to address some of those comments.

Attachment: [www.arb.ca.gov/lists/com-attach/15-ghgpetroleumfuels-ws-UDNWP1E9AjxWNVQ6.pdf](http://www.arb.ca.gov/lists/com-attach/15-ghgpetroleumfuels-ws-UDNWP1E9AjxWNVQ6.pdf)

Original File Name: Comments of Peter Erickson.pdf

Date and Time Comment Was Submitted: 2018-08-24 16:40:22

No Duplicates.

**Comment 16 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: David

Last Name: Turnbull

Email Address: david@priceofoil.org

Affiliation:

Subject: Public comment re ARB workshop on oil emissions

Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/16-ghgpetroleumfuels-ws-UT4CZwFpVCpVMgFz.pdf](http://www.arb.ca.gov/lists/com-attach/16-ghgpetroleumfuels-ws-UT4CZwFpVCpVMgFz.pdf)

Original File Name: OCI-ARBComment-SkysLimitCalifornia.pdf

Date and Time Comment Was Submitted: 2018-08-30 13:09:15

No Duplicates.



**Comment 17 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Jon

Last Name: Costantino

Email Address: jon@tradesmanadvisors.com

Affiliation: CIPA

Subject: Additional Reductions Comments-CIPA

Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/17-ghgpetroleumfuels-ws-VjVdMgNyUWMKUwJj.pdf](http://www.arb.ca.gov/lists/com-attach/17-ghgpetroleumfuels-ws-VjVdMgNyUWMKUwJj.pdf)

Original File Name: CIPA Additional Reductions Comments-final.pdf

Date and Time Comment Was Submitted: 2018-08-30 13:09:15

No Duplicates.

**Comment 18 for Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) - 1st Workshop.**

First Name: Ann

Last Name: Alexander

Email Address: aalexander@nrdc.org

Affiliation: NRDC

Subject: Comment extension for ARB GHG workshop

Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/18-ghgpetroleumfuels-ws-AWBQJANgBQkBcAdo.pdf](http://www.arb.ca.gov/lists/com-attach/18-ghgpetroleumfuels-ws-AWBQJANgBQkBcAdo.pdf)

Original File Name: ARB workshop comment - NRDC CBD CRPE.pdf

Date and Time Comment Was Submitted: 2018-08-30 13:09:15

No Duplicates.

**There are no comments posted to Comment opportunity for additional greenhouse gas reductions from petroleum transportation fuels. (ghgpetroleumfuels-ws) that were presented during the Workshop at this time.**