

**Comment 1 for Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (SB596-wkshp-Oct20-ws) - 1st Workshop.**

First Name: Kevin  
Last Name: Kennedy  
Email Address: kevin.kennedy@wri.org  
Affiliation: World Resources Institute

Subject: WRI comments on the SB 596 workshop - Low Carbon Cement Standard  
Comment:

I am pleased to submit the attached comments on behalf of World Resources Institute recommending inclusion of a low-carbon cement standard as an important element in California's comprehensive SB 596 strategy. We welcome the opportunity to discuss this approach in more detail with CARB staff and with any interested stakeholders who are following the SB 596 implementation process.

Thank you,  
Kevin Kennedy  
Senior Fellow  
World Resources Institute

Attachment: [www.arb.ca.gov/lists/com-attach/3-SB596-wkshp-Oct20-ws-VSIFcQRsU18Cd1U3.pdf](http://www.arb.ca.gov/lists/com-attach/3-SB596-wkshp-Oct20-ws-VSIFcQRsU18Cd1U3.pdf)

Original File Name: WRI SB 596 workshop comments.pdf

Date and Time Comment Was Submitted: 2022-11-21 14:15:08

No Duplicates.

**Comment 2 for Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (SB596-wkshp-Oct20-ws) - 1st Workshop.**

First Name: Victoria

Last Name: Bogdan Tejeda

Email Address: vbogdantejeda@biologicaldiversity.org

Affiliation: Center for Biological Diversity

Subject: Public comment SB596-wkshp-Oct20-w  
Comment:

The Center for Biological Diversity appreciates CARB's consideration of various pathways as it develops a plan to decarbonize the cement industry per the mandate in Senate Bill 596 ("SB 596"). We are concerned, however, that CARB may unnecessarily rely on carbon capture and storage ("CCS") as part of its plan, when in fact, CCS is a false solution that overpromises and underdelivers on its greenhouse gas ("GHG") capture potential, all while putting communities and the environment at risk. Instead, CARB should focus on the suite of viable strategies--such as alternative inputs, electrification, fuel-switching, and nature-based carbon dioxide removal--that, when deployed together, could achieve SB 596's both short- and long-term goals for the industry.

Our full comment letter is attached. Please note that we also will upload references cited in this letter in a .zip file titled, "Ctr. Biol Div Refs Cement 11.22.22," for CARB's consideration and for inclusion in the public record.

Attachment: [www.arb.ca.gov/lists/com-attach/4-SB596-wkshp-Oct20-ws-W2kANFV6WDpWYQUr.pdf](http://www.arb.ca.gov/lists/com-attach/4-SB596-wkshp-Oct20-ws-W2kANFV6WDpWYQUr.pdf)

Original File Name: 22.11.22 Ctr Biol Div Cement - Comment FINAL.pdf

Date and Time Comment Was Submitted: 2022-11-22 10:41:58

No Duplicates.

**Comment 3 for Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (SB596-wkshp-Oct20-ws) - 1st Workshop.**

First Name: Alann  
Last Name: TOBEY  
Email Address: alantobey@mac.com  
Affiliation:

Subject: Cenrnt  
Comment:

The articles I've been reading about greener. Cement focus on the traditional materials but fail to mention post-processing add-ins that reduce the AMOUNT of cement needed. Prominent here is graphene, an all-carbon two-dimensional molecule that forms super-strong sheets. I know Cemex has been using it with apparent success. Mixed into the final product, grapheme can make the product stronger and lighter at little or no added cost.

Encouraging innovations such as grapheme can do more to reduce carbon dioxide than just tinkering with what now exists. Please give such groundbreaking approaches more attention in your future investigations.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2022-11-22 10:46:13

No Duplicates.

**Comment 4 for Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (SB596-wkshp-Oct20-ws) - 1st Workshop.**

First Name: Bob  
Last Name: Epstein  
Email Address: bobsepstein@gmail.com  
Affiliation: Project 2030

Subject: Economic Model for Deep CO2 Reductions in Portland Cement  
Comment:

Attached, please find our comments on deep CO2 reductions as part of the SB 596 process.

Attachment: [www.arb.ca.gov/lists/com-attach/7-SB596-wkshp-Oct20-ws-VSUFcVQ6WWABYIAz.pdf](http://www.arb.ca.gov/lists/com-attach/7-SB596-wkshp-Oct20-ws-VSUFcVQ6WWABYIAz.pdf)

Original File Name: Project 2030 SB 596 Workshop.pdf

Date and Time Comment Was Submitted: 2022-11-30 07:37:07

No Duplicates.

**Comment 5 for Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (SB596-wkshp-Oct20-ws) - 1st Workshop.**

First Name: Jordan  
Last Name: Flanagan  
Email Address: jflanagan@ajw-inc.com  
Affiliation:

Subject: Leilac US, Inc. Comments in Response to SB596-wkshp-Oct20-ws  
Comment:

Hello,

I am submitting comments on behalf of Leilac US, Inc., a subsidiary of Calix, Ltd., in response to the October 20 CARB Workshop to kick-off implementation of SB596.

If there are any technical difficulties, please let me know. For other questions and inquiries, please contact:

Daniel Rennie  
Chief Executive Officer, LEILAC  
drennie@calix.global

Thank you for your consideration,  
Jordan

Attachment: [www.arb.ca.gov/lists/com-attach/8-SB596-wkshp-Oct20-ws-U2FXYwAwUDIEMVVl.pdf](http://www.arb.ca.gov/lists/com-attach/8-SB596-wkshp-Oct20-ws-U2FXYwAwUDIEMVVl.pdf)

Original File Name: 221130\_SB596 Kickoff Workshop Comments\_Final.pdf

Date and Time Comment Was Submitted: 2022-11-30 10:21:13

No Duplicates.

**Comment 6 for Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (SB596-wkshp-Oct20-ws) - 1st Workshop.**

First Name: Katie  
Last Name: Mayer  
Email Address: katie.mayer@rondo.com  
Affiliation: Rondo Energy

Subject: Rondo Energy Comments  
Comment:

Please find attached comments.

Attachment: [www.arb.ca.gov/lists/com-attach/9-SB596-wkshp-Oct20-ws-USNROFU6AjVVPAlW.pdf](http://www.arb.ca.gov/lists/com-attach/9-SB596-wkshp-Oct20-ws-USNROFU6AjVVPAlW.pdf)

Original File Name: Rondo - Net Zero Cement - Comments.pdf

Date and Time Comment Was Submitted: 2022-11-30 12:18:08

No Duplicates.

**Comment 7 for Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (SB596-wkshp-Oct20-ws) - 1st Workshop.**

First Name: Adam  
Last Name: Harper  
Email Address: aharper@calcima.org  
Affiliation: CalCIMA

Subject: CalCIMA Comments  
Comment:

Thank you for the opportunity to participate.

Attachment: [www.arb.ca.gov/lists/com-attach/10-SB596-wkshp-Oct20-ws-WjxVOgZpADJVPwlW.pdf](http://www.arb.ca.gov/lists/com-attach/10-SB596-wkshp-Oct20-ws-WjxVOgZpADJVPwlW.pdf)

Original File Name: Final SB 596 letter-Intro Workshop.docx.pdf

Date and Time Comment Was Submitted: 2022-11-30 13:36:34

No Duplicates.

**Comment 8 for Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (SB596-wkshp-Oct20-ws) - 1st Workshop.**

First Name: Nora

Last Name: Brown

Email Address: shayla@caliberstrat.com

Affiliation: Charm Industrial

Subject: Charm's Comments on Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy  
Comment:

Please find Charm's comments attached.

Attachment: [www.arb.ca.gov/lists/com-attach/11-SB596-wkshp-Oct20-ws-U2IAN1Z5VDQBN1N9.pdf](http://www.arb.ca.gov/lists/com-attach/11-SB596-wkshp-Oct20-ws-U2IAN1Z5VDQBN1N9.pdf)

Original File Name: 11.30.2022 \_ Kick-off Workshop for Net-Zero Emissions Strategy for the Cement Sector.docx.pdf

Date and Time Comment Was Submitted: 2022-11-30 13:47:16

No Duplicates.



**Comment 9 for Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (SB596-wkshp-Oct20-ws) - 1st Workshop.**

First Name: Mikaela

Last Name: DeRousseau

Email Address: mikaela.derousseau@buildingtransparency.org

Affiliation: Building Transparency

Subject: Commentary from Building Transparency on SB 596

Comment:

see attached document

Attachment: [www.arb.ca.gov/lists/com-attach/12-SB596-wkshp-Oct20-ws-AmFXPIA8BDoBYlc5.docx](http://www.arb.ca.gov/lists/com-attach/12-SB596-wkshp-Oct20-ws-AmFXPIA8BDoBYlc5.docx)

Original File Name: Commentary on SB 596 from Building Transparency.docx

Date and Time Comment Was Submitted: 2022-11-30 13:49:11

No Duplicates.

**Comment 10 for Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (SB596-wkshp-Oct20-ws) - 1st Workshop.**

First Name: Christina  
Last Name: Theodoridi  
Email Address: ctheodoridi@nrdc.org  
Affiliation: Natural Resources Defense Council

Subject: NRDC RMI joint comments on SB596 implementation  
Comment:

Dear CARB staff,

On behalf of NRDC and RMI, please see attached for our public comments on SB596 - Cement Sector Net-zero Emissions Strategy.

Thank you for your continued work on this and we look forward to working with you and all other stakeholders to reduce emissions from California's cement industry.

Sincerely,

Christina Theodoridi (NRDC) and Ben Skinner (RMI)

Attachment: [www.arb.ca.gov/lists/com-attach/13-SB596-wkshp-Oct20-ws-WjQCdgNmUWEGXwNx.pdf](http://www.arb.ca.gov/lists/com-attach/13-SB596-wkshp-Oct20-ws-WjQCdgNmUWEGXwNx.pdf)

Original File Name: NRDC RMI Comments on SB596 Implementation\_11.30.22.pdf

Date and Time Comment Was Submitted: 2022-11-30 15:09:41

No Duplicates.

**Comment 11 for Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (sb596-wkshp-oct20-ws) - 1st Workshop.**

First Name: Erika  
Last Name: Guerra  
Email Address: laura@houstonmagnani.com  
Affiliation: CSCME

Subject: CA Cement Industry's Comments reg Workshop for SB 596 Sector Net-Zero Emissions Strategy  
Comment:

Please accept the attached comments from the Coalition for Sustainable Cement Manufacturing & Environment (CSCME) in regards to the California Air Resources Board October 20, 2022 Kick-Off Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy.

Attachment: [www.arb.ca.gov/lists/com-attach/14-sb596-wkshp-oct20-ws-AGZUOWNsUmBSOAhX.pdf](http://www.arb.ca.gov/lists/com-attach/14-sb596-wkshp-oct20-ws-AGZUOWNsUmBSOAhX.pdf)

Original File Name: FINAL 11-30-2022 CSCME Comments on SB 596 Workshop.pdf

Date and Time Comment Was Submitted: 2022-11-30 15:22:14

No Duplicates.

**Comment 12 for Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (SB596-wkshp-Oct20-ws) - 1st Workshop.**

First Name: Simon  
Last Name: Brandler  
Email Address: [simon@brimstone.energy](mailto:simon@brimstone.energy)  
Affiliation: Brimstone

Subject: Brimstone comments on SB 596 workshop  
Comment:

Please find our comment letter attached. Thank you.

Attachment: [www.arb.ca.gov/lists/com-attach/15-SB596-wkshp-Oct20-ws-AnEHYwFfAmQBPlNl.pdf](http://www.arb.ca.gov/lists/com-attach/15-SB596-wkshp-Oct20-ws-AnEHYwFfAmQBPlNl.pdf)

Original File Name: SB 596 Comments\_Brimstone.pdf

Date and Time Comment Was Submitted: 2022-11-30 16:05:56

No Duplicates.

**Comment 13 for Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (SB596-wkshp-Oct20-ws) - 1st Workshop.**

First Name: Laura  
Last Name: Berland-Shane  
Email Address: laura@blueplanetsystems.com  
Affiliation: Blue Planet Systems

Subject: Blue Planet comments  
Comment:

Please find our comments attached. Thank you.

Attachment: [www.arb.ca.gov/lists/com-attach/16-SB596-wkshp-Oct20-ws-UDJTOVEIAzUDWgJy.pdf](http://www.arb.ca.gov/lists/com-attach/16-SB596-wkshp-Oct20-ws-UDJTOVEIAzUDWgJy.pdf)

Original File Name: Blue Planet\_SB 596 workshop comments\_11.30.22.pdf

Date and Time Comment Was Submitted: 2022-11-30 16:13:25

No Duplicates.

**There are no comments posted to Public Workshop for SB 596 Cement Sector Net-Zero Emissions Strategy (SB596-wkshp-Oct20-ws) that were presented during the Workshop at this time.**