

State News for NSPE Members

Energy Commission Approves \$1.4 Billion for Zero-Emission Transportation Plan

The California Energy Commission (CEC) has approved a three-year \$1.4 billion plan to help California achieve its 2025 electric vehicle charging and hydrogen refueling goals. The plan closes the funding gap to speed up the state's zero-emission vehicle (ZEV) infrastructure build-out in support of Governor Gavin Newsom's executive order phasing out the sale of new gasoline-powered passenger vehicles by 2035, according to a [CEC news release](#).

The [2021–2023 Investment Plan Update](#) increases the budget of the Clean Transportation Program by six times, including \$1.1 billion from the 2021–2022 state budget in addition to the remaining \$238 million in program funds.

The plan update focuses on a ZEV infrastructure build-out, with nearly 80% of available funding going to charging stations or hydrogen refueling. Investments are front-loaded, or allocated at the beginning of the process, to help ensure the public adoption of ZEVs is not stymied by lack of infrastructure. The update also prioritizes medium- and heavy-duty infrastructure, including funding for infrastructure for 1,000 zero-emission school buses, 1,000 zero-emission transit buses, and 1,150 zero-emission drayage trucks, which will reduce harmful air pollution in frontline communities.

Bay Area and Los Angeles High in Clean Tech

A recent report that evaluated hundreds of US metro areas ranked the Bay metro area, Los Angeles, and San Diego in the top 10 cities in clean technology innovation. The Bay area placed as the No. 1 city in the rankings.

The [Cleantech Innovation Hubs Survey](#) was done by Colorado venture capital and research firm Saoradh Enterprise Partners, which ranked the nation's top 40 cities on their involvement in clean technology solutions that "improve environmental sustainability related to aggregate human welfare and functioning natural

ecosystems." The national drive toward clean technology has consistently gained traction in recent years due to lawmakers' push to fight climate change.

State Licensing Board News

The California Board for Professional Engineers, Land Surveyors, and Geologists has released its latest newsletter—Fall 2021. Click [here](#) to access the PDF on the BPELSG website.

Infrastructure Act Will Fund Extensive Road and Bridge Repairs, Transportation Upgrades

The bipartisan Infrastructure Investment and Jobs Act will pay to repair and rebuild roads and bridges in California with a focus on climate change mitigation, resilience, equity, and safety for all users, including cyclists and pedestrians.

There are 1,536 bridges and over 14,220 miles of highway in poor condition in California, according to the [US Department of Transportation](#). Since 2011, commute times have increased by 14.6% in California, and on average, each driver pays \$799 per year in costs due to driving on roads in need of repair. The state is expected to receive approximately \$29.5 billion over five years in federal highway formula funding for highways and bridges.

In addition, California will receive about \$10.3 billion over five years to improve public transportation options. Funding will also cover modernization of freight rail, increased EV charging options, airport improvements, and other infrastructure updates.

Help Create the Events You Want to Attend

NSPE-CA is seeking additional members for its Events Task Force that will help decide programs through June of 2022. It's a low-commitment way to become involved in your profession and help make the organization what you want it to be.

If you are seeking a low-commitment way to become involved with NSPE-CA and help your profession, consider participating. For more information, [contact Executive Director Jeanne Marie Tokunaga](#).



NSPE's **Job Board** is your one-stop resource for professional engineering employment. Whether you are on the hunt for your next career move or looking for today's top engineering leaders and talent, you will find it here.

The latest California jobs are pulled from the NSPE Job Board and appear on the NSPE-CA website. New career opportunities are also posted through NSPE-CA social media profiles on [Twitter](#), [LinkedIn](#), and [Facebook](#).

Featured Jobs

[Public Works Operations Manager](#)

Carson, CA

[Mechanical Engineer](#)

Livermore, CA

[Senior Transportation Engineer](#)

Oakland, CA

Find more job openings or reach the right employees on the [NSPE Job Board](#).

Stay up to date on legislative issues through the [NSPE Advocacy Center](#).

Share Your Story #IAMNSPE

Who is NSPE?

NSPE is its members. NSPE members—like you—bring a unique story and perspective to the engineering profession. Learn more about your peers and [share your own story](#) with a 30-second video and the hashtag, #IAMNSPE.

I Am Innovative

Ben Amaba, P.E., LEED AP, CPIM, BD+C

CTO Digital Transformation with Technology Innovation

NSPE is “the perfect venue to learn, network, and advance your skills,” according to Ben Amaba, an innovator at IBM. It brings together a diverse set of professionals who are innovating the world, and has helped him both personally and professionally.



Honor Awards Open for Nominations

The NSPE Honor Awards promote the professional engineer’s contributions to society and recognize the achievements of the profession’s very best. The deadline for [award submissions](#) is **January 31, 2022**.

NSPE Award

The NSPE Award is the highest award given to an individual by the Society. It is presented to an engineer who has made outstanding contributions to the engineering profession, the public welfare, and humankind. **Steven Arndt, Ph.D., P.E., F.NSPE**, a world-renowned authority in the field of nuclear engineering, received the award in 2020.



New Professional Award

This award recognizes a young NSPE member who has made outstanding contributions to the engineering profession and the community during the early years of one’s career. **Stephanie Blain, P.E.**, received the award

in 2021. She is employed with Palmer Engineering Company in Lexington, Kentucky.



Get Your 15 Free PDHs for 2021—While They Last

Access to the 2021 selection of 15 free courses ends in January, so claim them before it's too late. Members can conveniently view courses from the comfort of their home or office.

PDHs from these courses are recognized by most US states, including Florida, and are earned after passing a quiz with a score of 70% or higher. Simply “purchase” the webinars and add them to your NSPE member account.

Webinars in your account can be accessed for up to one year.

Here's a sample of available webinar topics:

- [Ethics Forum: Conflicts of Interest - Serving the Public](#)
- [How To Be An Effective Witness](#)
- [Leading Project Teams: Emerging Technologies and Smart Design](#)
- [Your System Now and in the Future - Ensuring Sustainability through Strategic Planning](#)

Start earning your PDHs.



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