



MISSION STATEMENT

CFEE Study Tour
Spring 2024



United Kingdom

In Spring 2024, the California Foundation on the Environment and the Economy (CFEE) will lead a bi-partisan Delegation of California State Legislators, top officials from the Governor's Administration, and labor, environmental, business, and local government leaders to the United Kingdom.

Through a carefully crafted itinerary of site visits, meetings, and facility tours, California leaders will learn from their British counterparts in the areas of:

- **Offshore Wind: Manufacturing and Operations**
- **Home Insurance in a Climate-Impacted World**
- **Nuclear Power and Zero-Carbon Baseload Energy**
- **Low Emission Zones and Congestion Pricing**

Our mission is to share best practices on these issues, and others, and return to California with lessons to support our state's evolving environmental and economic agenda.

OFFSHORE WIND: MANUFACTURING and OPERATIONS | By virtue of their shallow seas, extended coastline, and blustery conditions, the United Kingdom generates the second most offshore wind power in the world. With 15 gigawatts (GW) already installed, the UK is looking to achieve 50 GW by 2030, including 5 GW of floating turbines. In addition to providing clean renewable electricity, this buildout is helping non-urban communities "level up" economically through their role in manufacturing, installing, and servicing the facilities.

With California plunging into the offshore wind scene by aspiring to build 5 GW of floating wind power by 2030 and 25 GW by 2045, the Delegation will tour manufacturing sites to understand what it takes to build the facilities to make it happen. The group will also meet with labor representatives and industry executives to learn about best practices for workforce development, transmission upgrades, and port infrastructure.

INSURANCE in a CLIMATE-IMPACTED WORLD | As one of the world's great financial capitals, London is home to some of the largest insurance companies that provide coverage everywhere on the planet. These firms are increasingly challenged by the evolving risk landscape wrought by climate change.

The Delegation will sit down with financial insiders to hear their outlook on the future of insurance in our dynamic, climate-impacted world. With California seeing dozens of insurers leave the state in response to increasing losses and uncertain financial pathways to profitability, these meetings will help clarify what must be done to guarantee property and business insurance for Californians as climate conditions worsen.

NUCLEAR POWER and ZERO-CARBON BASELOAD ENERGY | The UK boasts a long history in the research, development, construction, and operation of nuclear power facilities. In recognition of nuclear energy's value as a clean baseload energy supply, the UK has pledged alongside the United States and others to **triple** global nuclear capacity by 2050. Domestically, they are reaching even higher with a plan to **quadruple** their nuclear output, increasing from 6 GW today to 24 GW by 2050.

The Delegation will meet with British engineers who are managing the current fleet of nuclear plants as well as those designing the next generation of reactors. The nuclear-curious Californians will also learn how community leaders and environmental advocates are working with industry and government to fulfill the promise of nuclear power while addressing essential cost, safety, and environmental considerations.

SUSTAINABLE AVIATION FUELS | Rolls-Royce is a British engineering company founded in 1906 by Charles Rolls and Henry Royce. Initially focused on manufacturing luxury cars, it later expanded into aircraft engine production. Today, Rolls-Royce is a leading provider of power systems for aviation, marine, and energy applications, renowned for its innovative technologies and high-performance engines, turbines, and propulsion systems.

Our Delegation will first tour the Rolls-Royce factory where they build jet engines that can run on 100 percent sustainable aviation fuel (SAF). Rolls-Royce estimates that their latest engines operating on SAF could contribute about 80 percent of the total solution for achieving net-zero aviation by 2050. SAF is looking like one of the most promising options for decarbonizing aviation after a Virgin Atlantic flight from London to New York flew entirely on 100 percent SAF just a few months ago, the world's first.

About the

California Foundation on the Environment and the Economy (CFEE)

Founded in 1979, CFEE is a nonprofit coalition of labor, environmental, local government, and business leaders that conducts intensive public policy conferences, legislative briefings, multiparty workshops, and international study travel projects for California State legislators, regulatory commissioners, members of the Governor's Cabinet, and state agencies. CFEE brings together these leaders to facilitate focused, balanced, and solutions-oriented conversations designed to address the fundamental environmental and economic challenges in California.

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