

Panel 3: Climate Ready Hawaii—Achieving Zero Carbon Mobility

Zero Carbon Mobility means more than just transitioning to clean vehicles. It encompasses all modes of transportation that produce no carbon—from walking, biking, transit, mode share, to single occupancy vehicles that run on clean, renewable fuel. The State of Hawaii is involved in an effort to achieve zero carbon mobility as part of its clean energy goals.

The transportation sector produces the most GHGs in Hawaii, with about half from ground transportation, and the rest from aviation and shipping. The State acknowledges the large role that aviation plays, but the focus of the Climate Change Mitigation and Adaptation Commission is first on ground transportation emissions reduction. To reduce emissions from ground transportation, Hawaii needs to do more than simply switch to electric vehicles. Achieving “zero carbon mobility” means employing everything from more efficient vehicles, to no vehicles at all—and using modernized parking policies, effective transit, enlightened land use planning and more. What can Hawaii do—including in shifting/reinforcing attitudes—to achieve this goal of zero carbon mobility?

With the help of city, county and state mobility experts from Hawaii and the mainland, this panel will wrestle with the following questions: what will it take for Hawaii to achieve zero carbon mobility and to make it climate ready? What are the components of this ZERO-C mobility, and how do they intersect with Hawaii’s efforts to become climate ready? How do these comments get communicated to the relevant stakeholders so they are engaged in the process?

The moderator will provide the overall context for the state’s efforts, its progress thus far and plans to move forward on an accelerated timeframe. Scott Glenn will outline the work of Hawaii’s Energy Office in its quest for decarbonization. State level experience in transitioning public fleets and related efforts will be discussed by Jeremy Tarr from North Carolina. Chris Johnson, recently from City and County of Honolulu, and representing Hawaii Bicycling League will provide examples of land use and other strategies that they are utilizing to achieve mobility objectives at the local level, and how this aligns with the State’s efforts. MaryCatherine Snyder will bring lessons from Seattle on how parking and other strategies have supported their goals.