

# Soot-free and Zero Emission Transport

September 12, 2018

4-5:30 pm

Marriott Union Square, Savoy Room, 30<sup>th</sup> Floor

## Panelist Profiles

### Moderator: Helena Molin Valdes



Head of the Climate and Clean Air Coalition (CCAC) Secretariat

Helena Molin Valdés has served as the Head of the CCAC Secretariat since 2013. Helena was a senior executive with the UN Office for Disaster Risk Reduction (UNISDR), where she led work on resilience, disaster risk reduction, sustainable development, and climate change related topics. She was UNISDR's regional director for Latin America and the Caribbean and worked with the Pan American Health Organization on hospital mitigation and disaster preparedness. Before joining the UN Helena was a practicing architect, planner, and head of a Swedish NGO based in Central America that worked on community-based projects and appropriate technology development, including improved bricks production and cook stoves with the University of Lund.

### Bas Eickhout



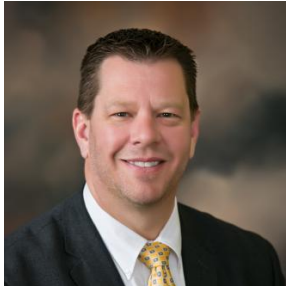
Member of the European Parliament, European Union

Mr. Eickhout is a Member of the Parliament representing the Netherlands. He is a member of GreenLeft, part of the European Green Party. In his early career, he worked at the Netherland National Institute for Public Health and the Environment, working on climate change and serving as the Institute's spokesperson on biofuels. He was a co-author on the IPCC Fourth Assessment on Climate Change. He is currently serving on the Committee on the Environment, Public Health, and Food Safety and he represented Parliament at several of the UNCCC COP meetings. He serves as the Parliament's rapporteur on renewable energy rules.

Netherlands highlights:

- All new buses are required to be zero emissions by 2025 and the energy that powers them must be produced with solar or wind energy within the region
- Investigating trade in dirty diesel fuel into Africa

## Steve Cliff



Deputy Executive Officer, Air Resources Board (ARB), California

Steven Cliff was appointed Deputy Executive Officer at the California Air Resources Board in the summer of 2017. He is responsible for overseeing programs to reduce emissions from mobile sources and the statewide monitoring and laboratory programs. These include the vehicle emissions testing and compliance programs, mobile source regulations, engine certification programs, the ambient air quality monitoring network, small engine regulations, and incentive programs. Steve started at CARB in 2008 where he worked on the first climate change scoping plan under AB 32, and led the development of the greenhouse gas cap-and-trade program. In 2014, Governor Brown appointed Steve to Caltrans as the inaugural director for sustainability, and in 2016 appointed Steve to CARB as Senior Advisor to Chair Mary Nichols.

California highlights:

- All diesels must meet soot-free standards by 2023
- Large bus fleets have been required to follow a soot-free path since 2000, now are required to transition to zero emissions for all new bus purchases by 2029

## Dr. G. Parameshwara



Deputy Chief Minister, Karnataka

Dr. Parameshwara has a PhD in plant physiology. He has had a long political career and has worked as the Minister of Sericulture (silk farming), the Minister of Higher Education and the Home Minister among others. He won the Game Changer Award for the state of Karnataka in 2017. The Hindustan Times describes him as a “man for all seasons,” and says he “is respected for his administrative acumen and knowledge he brings to the portfolios he has handled.” Dr. Parameshwara, who also holds the Bengaluru development portfolio, has announced a plan to replace all diesel buses in Bengaluru (aka Bangalore, the 3<sup>rd</sup> largest city in India) with electric buses over the next 5 years.

Karnataka highlights:

- Electric buses to replace diesels in India’s 3<sup>rd</sup> largest city

## Wilfred Davidar



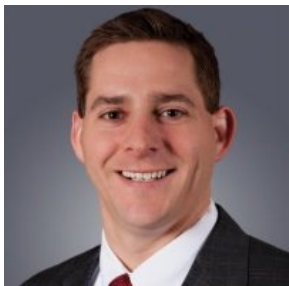
Transport Secretary, Tamil Nadu

Mr. Davidar has worked in the public sector for more than 3 decades, working on sports, labor, health, and now transport. The Ritz, Southern India's Premier Uber Lifestyle Magazine, says that Mr. Davidar is imbued with "the highest level of integrity the bureaucracy so desperately needed in [India]." He embraces every new topic with enthusiasm and find ways to leapfrog beyond the status quo. Now that he has taken leadership on transport, he has worked to make buses safer, to increase reliable information about schedules and timing, and now is planning to purchase 200 electric buses.

Tamil Nadu highlights:

- Early pilot on electric buses, plans to purchase 200 electric buses

## Brian Mormino



Executive Director, Environmental Strategy and Compliance, Cummins

Mr. Mormino leads the Environmental Strategy & Compliance organization, which establishes and implements Cummins'

global environmental strategy addressing both facility and product regulations, certification and compliance, as well as impacting broad energy and environmental public policies. Before joining Cummins in 2006 as Director of Government Relations, Brian served as Staff Director for the U.S. Senate Subcommittee on Clean Air, Climate Change and Nuclear Safety. Among other activities, he serves on the U.S. EPA's Clean Air Act Advisory Committee, on the Executive Committee for the Truck and Engine Manufacturers Association (EMA) and on the Board of the North American Council for Freight Efficiency (NACFE).

## Vincent Pellecchia



Strategic Account Manager, BYD

Mr. Pellecchia joined BYD just a few months ago from the Tri-State Transportation Campaign, which works on transportation reform for the greater New York metropolitan area. He was there for seven years, serving first as the general counsel and then as the Associate Director. He has a JD from George Washington University and an undergraduate degree in Environmental Engineering. He speaks Chinese as well as English.