

MOTION BY SUPERVISORS JANICE HAHN AND  
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**Membership to the Center for Transportation Innovation**

Over the past decade, countless scientific studies have confirmed what community members have been telling regulators for years; living within a mile of a freeway or major transportation corridor causes significant health problems, including increased rates of asthma, reduced lung capacity, high blood pressure, low birth weights, learning disorders, autism, heart disease, stroke, and others. These conditions stem from the polluted air near highways that contains many dangerous pollutants including ozone, nitrogen dioxide, metals, and particulate matter. These poor health conditions have disproportionately impacted communities of color. Specifically, the recently released “*A Portrait of Los Angeles County*” report called the health impact of the I-710 on the surrounding communities “one of the major unsolved equity issues in Los Angeles.”

The State of California has been a leader in setting a regulatory framework and incentives to promote electric vehicles; especially light-duty passenger vehicles and these technologies are beginning to penetrate the market. However, it is diesel

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particulate from heavy-duty trucks and buses that has been a major culprit of the significant health impacts noted and technological progress in this sector has lagged behind passenger vehicles. A focused and concerted effort to advance zero-emission heavy duty vehicles is critical if we are to achieve our public health and air quality goals and address the serious threat of global climate change.

Los Angeles is ideally suited to be the hub of zero-emission heavy-duty vehicle development and manufacturing in the future as it has the nation's busiest ports, has committed \$120 billion through Measure M to transportation, has the intellectual capital and workforce, and already houses several electric bus manufacturers and other clean vehicle technology companies.

The Los Angeles Cleantech Incubator (LACI) was founded just six years ago but has quickly established itself as a global leader in advancing a new clean economy, having recently been rated as one of the top business incubators in world. In the past six years, LACI has helped over 70 companies raise nearly \$160M in funding, \$220M in revenue, and create nearly 1,700 jobs, primarily in Los Angeles County.

LACI is now launching a new Transportation Electrification Partnership to accelerate transportation electrification and zero emission goods movement over the next ten years in advance of the 2028 Olympics. This collaborative effort includes key government agencies such as the California Air Resources Board, the City of Los Angeles, Metro, and the Ports of Los Angeles and Long Beach, key utilities including Los Angeles Department of Water and Power, Southern California Edison, and Pacific Gas & Electric, vehicle manufacturers such as BMW, Build Your Dreams (BYD), and Tesla, and many other stakeholders from academia and the non-profit sector.

The Transportation Electrification Partnership is just now forming and is in the process of creating a zero-emission roadmap that will include the launch of pilots and demonstration projects and establishment of a plan to develop and foster clean vehicle technologies companies here in Los Angeles that will bring cleaner air and good, sustainable wage jobs to our region.

Given the prominent role that the County of Los Angeles has in the health and well-being of our communities as well as in regional efforts to promote workforce and economic development, we have been invited to be a Founding Partner and member of the Leadership Group guiding this program. We must be deeply involved in this effort to ensure that those who are most affected by diesel air pollution from trucks and other heavy equipment are the beneficiaries of clean technology, both from a public health, workforce and economic development perspective.

**WE, THEREFORE, MOVE** that the Board of Supervisors undertake the following actions to support the Los Angeles Cleantech Incubator's Transportation Electrification Partnership:

1. Designate Gary Gero, Chief Sustainability Officer, as the County's representative to the Leadership Group of the Center for Transportation Innovation;
2. Direct the Office of Sustainability to provide technical support to the County's representative to the Leadership Group in collaboration with County departments, including the Departments of Internal Services, Public Works, and others; and
3. Direct the Chief Executive Officer to evaluate and consider identifying one-time funding of \$50,000 for fiscal year (FY) 2018-19, \$100,000 for FY 2019-20, and \$100,000 for FY 2020-21 to fund the Los Angeles

Cleantech Incubator in support of the County's participation in Transportation Electrification Partnership; and

4. Authorize the Chief Executive Officer, or her designee, to enter into any agreements or amendments thereto with the Los Angeles Cleantech Incubator to provide funding for the Transportation Electrification Partnership.

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