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## California Sustainable Freight Action Plan: Pilot Project Ideas

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### **Bay Area Air Quality Management District**

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**Project Title:** Cargo Bicycle Pilot Project

**Project Location:** Alameda, Contra Costa, San Francisco, Santa Clara Counties

### **Project Summary:**

Pilot project providing grants to local businesses and parcel delivery companies to purchase cargo bicycles for local freight delivery. Initial phase of the pilot project will consist of a ten-bicycle loaner fleet made available to interested businesses. Loaner bicycles will be available for up to one-month.

### **Detailed Description of project alignment with goals and components of the Sustainable Freight Action Plan:**

One of the major goals of the State's sustainable freight efforts is to improve local health. Despite substantial progress over the last decade in reducing toxic exposure, the remaining localized risks of cancer is not acceptable and must be significantly reduced. This project reduces exposure in homes, schools, and businesses by reducing diesel exhaust from Class 2b-5 vehicles used for the delivery of local freight and small parcels. Since cargo bicycles are easier to park, this project will also reduce localized safety issues caused by double-parked delivery vehicles. The project will be voluntary and will be on a first-come, first-served basis.

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**Project Costs:**

Cargo Bicycle Purchase program: \$2.7 million (1000 bicycles; average grant of \$2500); \$100,000 for program administration; \$100,000 for program assessment and emission reductions and safety improvements.

Cargo Bicycle Loaner Program: \$125,000 (ten bicycles; plus \$100,000 operational and marketing costs for two years.

**Project Timeline:**

7/2016-6/2018

**Means for measuring progress toward meeting goals over time:**

The goal of this project is reduced emissions of diesel particulate matter and green house gases from Class 2b-5 trucks, and to improve local safety via decreased need for double parking delivery trucks. Reductions will be verified via a survey of usage of cargo bicycles for local deliveries and an estimation of reductions in double parking.

**Description of the potential roles of the interagency partners:**

The Bay Area Air Quality Management District, Metropolitan Transportation Commission, Sel-help (1/2 cent sales tax) Counties, the Air Resources Board, and the California Energy Commission could provide funding for both components of the pilot project. Transportation Authorities, Congestion Management Agencies, and Local City and County governments could assist in promoting the pilot project and assist in documenting benefits.