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County of Santa Cruz

COUNTY ADMINISTRATIVE OFFICE

701 OCEAN STREET, SUITE 520, SANTA CRUZ, CA 950604073

(831) 454-2100 FAX: (831) 454-3420 TDD: (831) 454-2123

SUSAN A. MAURIELLO, J.D., COUNTY ADMINISTRATIVE OFFICER

May 12, 2000

AGENDA: May 23, 2000

Board of Supervisors
County of Santa Cruz
701 Ocean Street
Santa Cruz, California 95060

Motor Vehicle Emission Reduction Grant Applications

Dear Members of the Board:

The Monterey Bay Unified Air Pollution Control District (MBUAPCD) administers the AB 2766 Motor Vehicle Emission Reduction Grant Program. The program provides funds for projects which reduce air pollution from motor vehicles and related planning, monitoring, enforcement and technical studies to implement the California Clean Air Act. The amount available will be determined by the District Board, but will exceed one million dollars. Public agencies in Santa Cruz, Monterey, and San Benito Counties are eligible to apply. The District is seeking project applications which would reduce motor vehicle emissions or would build, operate or demonstrate emission-reducing infrastructure. Projects are scored by cost effectiveness, status as an adopted Transportation Control Measure, total project cost relative to request, and reduction of vehicle miles traveled. Two County departments have prepared applications for your Board's approval.

The General Services Department is applying for \$5,500 to fund the purchase of four electric bicycles to be used on a daily basis by County employees traveling between facilities. The electric bicycles will be available to employees for both business and personal trips. The department estimates that the purchase of the electric bicycles will eliminate a total of 800 internal combustion vehicle trips per year. The General Services application is attached.

The Department of Public Works is sponsoring an application from Ecology Action to partially fund the Santa Cruz County Electric Bike Commuter Incentive Program. The purpose of this program is to encourage the regular use of cost-effective, appropriate electric transportation technology to reduce single occupancy auto trips, traffic congestion, traffic volumes, and air pollution. Ecology Action is applying for \$150,000. These funds will be used to offer a financial subsidy/rebate to County residents for the purchase of electric bikes for use in commuting, to provide safety accessories (helmets, lights, etc), and to install solar charging/storage facilities throughout the area. 25% of the funds would be used for staff time. Additional information on the program is attached.

Agenda: May 23.2000

Both these applications will make a significant difference in the air quality of our community. It is the recommendation of this office that your Board approve both these applications.

IT IS THEREFORE RECOMMENDED THAT YOUR BOARD adopt the resolution approving the submission of applications from the General Services Department and the Department of Public Works to the Monterey Bay Unified Air Pollution Control District for the Motor Vehicle Emission Reduction Grant Program.

Very truly yours,



Susan A. Mauriello
County Administrative Officer

SAM/DP

cc: John Fantham, Department of Public Works
Roy Holmberg, General Services
Virginia Johnson, Ecology Action

SAM/DP

BEFORE THE BOARD OF SUPERVISORS
OF THE COUNTY OF SANTA CRUZ, STATE OF CALIFORNIA

RESOLUTION NO. _____

On the motion of Supervisor
duly seconded by Supervisor
the following resolution is adopted:

RESOLUTION AUTHORIZING THE DIRECTOR OF PUBLIC WORKS
AND THE DIRECTOR OF GENERAL SERVICES
TO MAKE GRANT APPLICATIONS TO THE MONTEREY BAY UNIFIED AIR POLLUTION
CONTROL DISTRICT FOR FISCAL YEAR 2000/2001 VEHICLE REGISTRATION
SURCHARGE FEE GRANT FUNDS AS AUTHORIZED BY AB 2766 FOR
MOBILE SOURCE EMISSION REDUCTION PROJECTS

WHEREAS, the Monterey Bay Unified Air Pollution Control District is the
administrating agency of the AB 2766 Grant Program for mobile source emission reduction
projects; and

WHEREAS, Santa Cruz County is proposing to purchase four electric bicycles for
County employee usage to encourage the reduction in motor vehicle internal combustion trips; and

WHEREAS, Santa Cruz County is proposing to sponsor the Electric Bike
Commuter Incentive Program that would reduce peak hour congestion, improve air quality, and
improve bicyclist safety.

NOW, THEREFORE, BE IT RESOLVED that the Board of Supervisors of the
County of Santa Cruz:

1. Approve the filing of grant applications to the Monterey Bay Unified Air
Pollution Control District to seek AB 2766 grant funding to purchase four
electric bicycles for County employees and pursue funding for the Electric Bike
Commuter Incentive Program.
2. Appoint Roy Holmberg, Director of General Services, and the General
Services Department, administrating agency applicant to execute and submit all
documents including, but not limited to: applications, agreements,
amendments, payment requests, etc., which may be necessary to purchase the
four electric bicycles.
3. Appoint John A. Fantham, Director of Public Works, and the Department of
Public Works, administrating agency applicant to act as a project sponsor for
Ecology Action, and to execute and submit all documents including, but not
limited to: applications, agreements, amendments, payment requests, etc.,
which may be necessary to pursue funding for the Electric Bike Commuter
Incentive Program.

PASSED AND ADOPTED by the Board of Supervisors of the County of Santa Cruz, State of California, this d a y o f _____ 2000, by the following vote:

AYES: SUPERVISORS

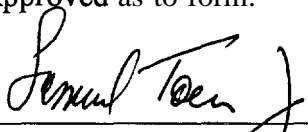
NOES: SUPERVISORS

ABSENT: SUPERVISORS

Chairperson of said Board

ATTEST: _____
Clerk of said Board

Approved as to form:

 5/9/00

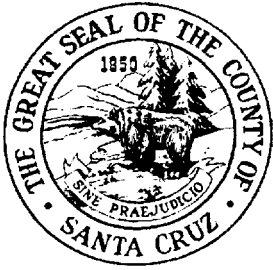
Chief Assistant County Counsel

Distribution: County Counsel
Public Works

ABM

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Attachment A
General Services Department



County of Santa Cruz⁰⁰⁴²

GENERAL SERVICES DEPARTMENT

701 OCEAN STREET, SUITE 330, SANTA CRUZ, CA 95060-4073

(831) 454-2718 FAX: (631) 454-2710 TDD: (631) 454-2123

ROY HOLMBERG, DIRECTOR

April 20, 2000

Doug Quetin, Air Pollution Control Officer
MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
24580 Silver Cloud Court
Monterey, CA 93940

Dear Mr Quetin,

Attached is a Grant Application from the County of Santa Cruz seeking \$5,500 in FY 2000/2001 AB 2766 Motor Vehicle Emissions Reduction Grant Program funds. for the purchase of four electric bicycles to be used on a daily basis by County employees traveling between facilities.


The County has long supported measures to remove vehicles from the roads. and the electric bicycles proposed under this project are expected to do just that. The frequency of business related travel, the proximity of many of the destinations, very limited parking options in the downtown area and at County facilities, and the number of mild weather days per year, all make these bicycles a very attractive alternative to travel by car, truck, or utility vehicle and weigh heavily in favor of a successful project.

In making the electric bicycles available for the numerous daily trips between the County Government Center on Ocean Street and our Health Services/Human Resources Agency campus on Emeline Street. we anticipate the elimination of at least 800 internal combustion vehicle trips per year. Additionally, the numerous business trips made by County employees to the City government offices and the downtown commercial district are well suited to this kind of transportation. And, as is our policy with the existing fleet of employee-use conventional bicycles, if available these electric bikes may also be used during lunch periods and other time-off throughout the day for banking and personal errands, displacing further internal combustion vehicle trips.

Nor do we anticipate that the addition of these bicycles to our existing fleet will reduce current usage of conventional bicycles. Rather, we think it will provide a stigma-free alternative and an incentive for participation by older employees and those with limiting physical conditions or disabilities.

This project should be a very good match with the objectives of the AB 2766 program. We ask that you accept and review our application, and we thank the District for funding consideration.

Sincerely,


ROY K HOLMBERG
Director

ATTACHMENT 1 - PROJECT DESCRIPTION
FY 2000-2001 AB 2766 Motor Vehicle Emission Reduction Grant Program
 See instructions below

- A. Public agency applicant: County of Santa Cruz
- B. Implementing entity, if different: Same
- C. Budget: Total Project Cost: \$ 9,500.00
 This AB2766 Grant Request: \$ 5,500.00
- D. Project Title: Inter-facility Electric Bicycle Fleet
- E. Project Schedule: Start Date: 10/00 End Date: 10/02
- F. Activities: [List each distinct activity needed to implement project]
- Activity #1: 6/9/00 Award/Grant Acceptance Agreement
- Activity #2: 12/00 Development of Employee usage Procedures
- Activity #3: 3/01 Evaluation and aquisition of electric bicycles
- Activity #4: 6/01 Project promotion and implementation

Table F. AB2766 Budget

[Check type of Period]: ☒ Quarter
☐ Semester
☐ Year

Activity #	1st Period Ends <u>9/00</u>	2nd Period Ends <u>12/00</u>	3rd Period Ends <u>3/00</u>	4th Period Ends <u>6/00</u>	Project Total
1.	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
2.	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
3.	\$ _____	\$ _____	\$ <u>5,500.</u>	\$ _____	\$ <u>5,500.</u>
4.	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
TOTAL	\$ <u>0</u>	\$ <u>0</u>	\$ <u>5,500</u>	\$ <u>0</u>	\$ <u>5,500.</u>

[NOTE: Show ONLY AB2766 grant funds in Table F. Total must equal AB2766 request in §C].

Table G. Total Project Budget:

	<u>This</u> <u>AB2766</u> <u>Grant Request</u>	<u>Mint &</u> <u>elect</u> <u>chgs</u> <u>Secured Funds</u>	<u>Other</u> <u>Unsecured</u> <u>s</u>	<u>Total Project</u> <u>Funding, all Sources</u>
Equipment .	\$ <u>5,500.</u>	\$ _____	\$ _____	\$ <u>5,500.</u>
Other capital	\$ _____	\$ <u>2,000.</u>	\$ _____	\$ <u>2,000.</u>
Personnel	\$ _____	\$ <u>2,000.</u>	\$ _____	\$ <u>2,000.</u>
Other operating	\$ _____	\$ _____	\$ _____	\$ _____
Grant Administration	\$ <u>XXXXXX</u>	\$ _____	\$ _____	\$ _____
Total Project	\$ <u>5,500.</u>	\$ <u>4,000.</u>	\$ _____	\$ <u>9,500.</u>

[NOTE: Show funding for all project costs in Table G . Total of all funding sources must equal Total Project Cost amount in §C.]

H. Status of funding **sources** other than this AB2766 grant request

[See Status Codes below.
Check one box for each source :]

	Amount	S	U	P
1. County budget appropriations	54,000.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. _____	\$ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. _____	\$ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. _____	\$ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. _____	\$ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total \$ <u>4,000.</u>				

[STATUS CODE] :

S = Secured funds: Secured by September 30, 2000 or guaranteed within FY 2000-2001

U = Unsecured funds: To be applied for; availability unsure

P = Previously awarded AB2766 funds available for this project.

I. Monitoring Program:

Odometer readings & operating hours will be recorded at check-out with each usage. Reported annually (or as required by Air District).

1. Travel or other activity measurements to be collected:

Measure 1 Frequency of usage
Measure 2 mileage (odometer readings)
 Measure 3 Hours of operation
 Measure 4 _____

2. Type of Data Collection (Counts, surveys, logs, etc.): _____
Check-out sheets will record mileage &/or hours of operation

3. Frequency and source of collection for each measure: _____
per use

J. Grantee Contacts:

Program or Project Manager

Requests for Reimbursement

Name: **Barbara Davis, ASO**
 Telephone: 454-2715
 Fax: 454-2710
 E-Mail: _____

Name: **Sue Dunleavy, Acctg**
 Telephone: 454-2716
 Fax: 454-2710
 E-Mail: _____

K. Emissions and Cost Effectiveness Calculations:

[Leave Section **K** entries blank. They **are calculated** by District staff]:

1. Useful Life of Project : _____ Years
2. Prior AB2766 Award: \$ _____
2. This X33-766 Request: \$ _____
3. Total Tons over Useful Life: _____ Total Tons, NOx, ROG and PM₁₀
4. Cost-effectiveness: \$ _____ AB2766 [Prior + Request] / Total Tons

Instructions for Attachment 1:

- E. **Project Schedule:** Start date is when Grant Acceptance Agreement is signed by both Grantee and APCO. Project End date is December 31, 2002 or two years after start date, whichever is sooner - unless an extension is approved by the District Board.
- F. **Activities:** Briefly describe all distinct grant-funded activities or phases of the proposed project.

Table F. **AB2766 Budget.** First, define up to four periods of project implementation. Check whether time periods are quarters, semesters or years. If annual, end June 30th. The first period should include the project start date and the last period should include the end date. Next, enter the expected grant funded project costs for each activity by period. Project total must be the same as the requested AB2766 grant amount shown in §C.

- G. **Total Project Budget:** For the budget categories shown, distribute the requested AB2766 grant; other secured funding, and funding not yet secured that will be needed to implement the project. The first column total equals the grant request amount shown in §C and the project total column should be the sum of the other columns. Grant administration costs may not be reimbursed from the AB2766 grant.

Secured funds are those in an approved budget or program, or are reasonably likely to be so by September 30, 2000. Leveraging points are scored for applications based on the ratio of grant request to secured funds.

Other Unsecured funds include funds being sought through a competitive process; that may or may not be budgeted or programmed by a governing body; or are from some yet-to-be-determined source. Leveraging points are not scored for such unsecured funds. Grants may be awarded before all funding has been secured, but an AB2766 grant agreement cannot be signed by the District until all the unsecured funds necessary to implement the proposed project have been secured. Grant agreements must be signed by February 29, 2000.

- H. **Status of Other Funding Sources:** Indicate the source and amount of all funding except the current AB2766 grant request here. Check whether each funding source is secured (S), unsecured (U) or from a prior AB2766 grant (P), using the definitions above.
- I. **Monitoring Program:** If request is for an emission-reducing project, enter the kind, type and frequency of travel monitoring to be conducted grant is awarded. (See enclosed *AB2766 Travel Activity Data Requirements* for data needed for each type of proposed project, or call District staff). Monitoring is not required for infrastructure, demonstration or education projects.
- J. **Contact Person :** Enter contact information for both management and reimbursement, if different.
- K. **Emissions and Cost-effectiveness Calculations:** For emission reducing projects, proposed project data are provided by the applicant to District staff in accordance with the accompanying *Travel Activity Data by Type of Project* for data needs and default values. Defaults or assumptions may be used by District staff if local travel data are not available, inadequate or incomplete.

This concludes Attachment I

ATTACHMENT 1 A - PROJECT NARRATIVE
FY 2000-2001 AB 2766 Motor Vehicle Emission Reduction Grant Program

Project Title Inter-facility Electric Bicycle Fleet
Grantee Agency County of Santa Cruz

This project will provide four (4) electric bicycles for use by County employees when conducting business related travel between facilities, primarily between the County Government Center and the County Emeline Street campus.

There are approximately 1000 employees at the multi-story Government Center and Courts facilities on Ocean Street, and another group of approximately 1000 employees working 1.5 miles away at the 12-building Emeline Street campus. Inter-facility trips for meetings and routine business activity are necessary numerous times each day. While some of these trips are completed using bicycle? from the fleet of County owned bikes available for such purposes, most are made via privately owned or County fleet internal-combustion vehicle. The electric bicycles proposed for this project will provide an option for an expanded range of employees, including many that are reluctant or unable to take advantage of currently available alternatives to making these trips by car or truck. Offering a choice that is accessible to older employees and those with disabilities or limiting physical conditions will insure that overall participation remains high. With the mild weather we enjoy in Santa Cruz County, the nature and frequency of travel between these two sites, and the support of County employees for clean air and traffic mitigation programs, we anticipate that at least 800 car and truck trips will be eliminated per year.

The conduct of County business also includes occasional travel to Santa Cruz City Government offices and, somewhat less frequently, to the downtown business community. These destinations are within 1 mile of the County Government Center and within 2.5 miles of the Emeline campus. We believe that at least 100 of these trips per year would be completed via electric bicycle if available.

When not otherwise committed, the electric bicycles will also be available for employee use to complete banking and personal errands during lunch periods and other workday off-hours. The vast majority of these trips are likely to be within a similar 1 to 3 mile one-way proximity.- It is estimated that such use would eliminate at least 400 car or truck trips per year.

While the estimated annual mileage of the electric bicycles is relatively modest, at 3000 to 4000 total, the car and truck trips eliminated are quite significant. These would otherwise be cold-start short distance vehicle trips, the type most damaging to the environment. With a 1 mile cold-start car trip generally considered to yield 70% of the hydrocarbon pollution of a 10 mile trip, these are exactly the trips we want to replace.

As a new program the mileage figures and trips eliminated are estimates only, based on current usage of the County Bicycle Fleet and participation in various trip reduction promotions staged on a regular basis. County employees have historically supported environmental projects and have demonstrated a willingness to utilize alternatives to cars when provided with a viable alternative. Our existing bicycle fleet receives substantial usage, and augmenting it with the proposed electric bikes will increase the group *able* to participate. The fact that electric bicycles are fun to ride and that they allow participation by those with physical limitations suggests that eventual participation will exceed the estimates we have utilized.

This request for AB 2766 Grant Program funding allows \$1200 each for the four electric bicycles and a total of \$700 for safety equipment and accessories to enable and encourage business use, such as racks and baskets. The four bicycles will include at least two models with step-through frames. Should the electric bicycles ultimately selected be priced above the \$1200 figure the balance will be provided from County appropriations, and all maintenance and operating costs will be provided by the County. Project Promotion and Grant administration will be provided by the County Trip Reduction Program through the General Services Department.

ATTACHMENT 1B - PROGRAM CRITERIA CHECKLIST
FY 2000-2001 AB 2766 Motor Vehicle Emission Reduction Grant Program

Project Title **Inter-facility Electric Bicycle Fleet**
 Grantee Agency **County of Santa Cruz**

PROJECT TYPE:

[For all applicants. Must check one or more. If A is checked, do not check B, C or D.]

- ☒ **A. EMISSION REDUCING PROJECT** - Quantifiable mobile source emission reductions will occur within five years as a result of this project.
- ☐ **B. DEMONSTRATION PROJECT** - Testing or demonstration of facilities, equipment, methods and/or procedures that could lead to motor vehicle emission reductions.
- ☐ **C. EDUCATION PROJECT** - Education, public information and policy or regulatory projects.
- ☐ **D. INFRASTRUCTURE PROJECT** - Infrastructure facilities, equipment and or services which will enable emission reductions.

Required Criteria:

[For all applicants. All must be met to be eligible]

1. ☒ Project will result in actions needed to implement the California Clean Air Act (as amended in 1992) and/or achieve emission reductions to meet requirements of Health & Safety Code §44220 to 44247.
2. ☒ Projects will be implemented within the North Central Coast Air Basin.
3. ☒ Application is in complete, in a format acceptable to the District and has been submitted during the application period.
4. ☒ Application requests no more than \$200,000 in AB2766 funds in this grant year, or if a bicycle path project -- not more than \$100,000 in this grant year.
5. ☒ Applicant is a public agency who will sign a Grant Acceptance Agreement to implement and maintain the proposed project for its useful life. (Project may be implemented by private individual, corporation, or entity under contractual agreement with applicant, with that public agency's formal resolution of support).
6. ☒ The project proposal indicates that the project will be operational and/or providing emissions reductions within five years of the grant award date

of the first AB2766 grant awarded to this project.

7. ☒ This project is consistent with a comprehensive, targeted program to either reduce overall mobile source emission or reduce the use of the single occupant vehicle as included in, or consistent with adopted state, regional or local plans. The project proposed must be consistent with the policy direction of the relevant plan, listed below, even if that plan does not specially list the proposed project:

[For a list of relevant plans, see Section 10 below].

8. ☒ Applicant has provided information and assumptions sufficient for District staff to assess project mobile source emission reductions for ROG, NO_x and PM₁₀ (including entrained dust), as well as VMT reductions over the useful life of the project.
9. ☒ Project proposal does not include any AB2766 grant funds for preparation of the application, preliminary work related to obtaining a grant, or for project administration if awarded a grant.
10. ☒ Application clearly identifies all funds needed to implement the project, showing funds as secured only when affirmed by a formal action of a policy board with the authority to commit those funds to the project.
11. ☒ If proposal includes retrofit, engine repower or purchase of new vehicle, project engine will meet or exceed approved California Air Resource Board standards for engines and vehicle classes applicable to the midpoint year of the project's useful life.

Multi-Year Criteria:

[For applicants previously awarded AB2766 grants only. Check all that apply. All criteria must be met for such projects]

1. ☐ The proposed new grant funded activity is consistent with the prior Grant Acceptance Agreement(s).
2. ☐ This grant would fund an activity or phase that is separate and distinct from all work previously funded with AB2766 grant funds.
3. ☐ Any emission reductions claimed for prior grant awards for this project will occur within five years of the date of first grant award for this project.
4. ☐ Any emission or VMT reductions claimed for prior grant awards for this

project are not also claimed in this request.

5. — Prior AB2766 grant awards are not included in the amount of other secured funds leveraged in project scoring.

Instructions for Attachment 1B:

Applicant prepares Attachment 1B. All applicants must meet all Required criteria to be considered by the District Board. Only applicants previously awarded AB2766 grants need to meet Multi-Year criteria. Meeting applicable criteria does not guarantee a grant award, as AB2766 grants are awarded at the sole discretion of the District Board of Directors. For emission-reducing projects, awards will generally be based on cost-effectiveness and point scoring as described in the next section.

This concludes Attachment 1B

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Attachment B
Public Works Department

<p align="center">Santa Cruz County Electric Bike Commuter Incentive Program Program Description Outline</p>

Brief Background:

In June 1999, the Santa Cruz County Regional Transportation Commission (SCCRTC) concluded the area's **Major Transportation Investment Study** process and voted to include an electric bike program as one of the many projects planned to address regional transportation needs. The following October, Ecology Action of Santa Cruz was asked by the SCCRTC to become the lead agency in developing the electric bike program plan, which was recently completed as a team effort with the Santa Cruz Area Transportation Management Association.

General Program Description:

The purpose of the Santa Cruz County Electric Bike Commuter Incentive Program is to encourage the regular use of cost effective, appropriate electric transportation technology to reduce single occupancy auto trips, traffic congestion, neighborhood traffic volumes and speeds, parking demand and air pollution. Although the program will be offered to all residents of Santa Cruz County, key commute corridors and specific audiences within the County will be targeted to relieve traffic congestion during peak travel times. The program is intended to represent a creative collaborative effort among local government agencies, community based organizations and businesses. By combining attractive financial incentives, infrastructure support, promotion and education to encourage regular electric bike commuting, the program has been designed to be a model, with the intent of offering the fully developed format to other communities facing similar congestion issues.

Statement of Need and Primary Target Audience:

Santa Cruz County residents are encountering increased traffic congestion, as evidenced by longer commute times and increased neighborhood traffic volumes and speeds. According to national studies conducted by the transportation industry, **80%** of all trips are less than **10** miles, and **50%** of urban trips last less than **10** minutes. In Santa Cruz County, similar statistics have been documented through various commute surveys. In addition to creating significant traffic congestion, these "short commutes" result in a colder running gasoline or diesel motor that is less efficient and generates maximum pollutants. The electric bicycle addresses the problems of costly and scarce parking, mobility difficulties during peak commute times in urban areas, air and noise pollution, and affordability of personal transportation,

Santa Cruz County combines several elements that make the community ideal for deploying a successful electric bicycle commuter incentive program. Key commute corridors are in an urban setting, a good percentage of the terrain is hilly, and the region enjoys fair weather nine or more months of the year. Local

government agencies and the SCCRTC have ensured a strong network of bike paths, lanes and storage, and their future commitment to further develop infrastructure for bike commuters over the next fifteen years.

The primary audience to be targeted for participation in the program are residents of the County who currently use a single occupied auto for short commutes. In the ***Santa Cruz County Employee Commute Survey*** conducted in the Spring of 1995, nearly 30% of the respondents who were driving alone to work or school indicated that they were willing to use a bicycle to commute, if the option were conveniently available.

Funding Plan:

With the, assistance of the SCCRTC staff, several funding sources have been secured thus far:

- . The SCCRTC has supported the program development with **a \$23,000 grant;**
- . A ***Congestion Mitigation Air Quality* grant sponsored by the SCCRTC** was recently approved for \$380,000;
- . Matching local in-kind resources totaling \$49,464 from sources other than CMAQ, SCCRTC or AB2766 grants will support the program over the next two years.

With an AB 2766 grant sponsored by the County of Santa Cruz, the Electric Bike Commuter Incentive Program will make an significant impact on traffic congestion in our community. Specifically, Ecology Action is requesting that the County sponsor a request for \$150,000 from the AB 2766 grant fund. The funds will be used as follows:

- . 75% of the AB 2766 grant will be used to:
 - (1) offer a financial incentive in the form of a “subsidy/rebate” to SC County residents to purchase an electric bike for use in commuting;
 - (2) provide safety accessories (helmet, legal lights, lock, etc);
 - (3) install solar charging/storage facilities strategically throughout the area;
 - (4) pay for material expenses to promote the program.
- . 25% of the AB 2766 grant will be used for staff time to do direct program coordination.

The CMAQ grant and local matching funds will also support each of these budget categories as well as provide the funding for administering the program.

FUNDING PLAN AND BUDGET

Expense Categories	Phase 1 FY 1999/00	Funding Source	Phase 1 & 2 FY 2000/01	Funding Source	Phase 3 FY 2001/02	Funding Source	Phase 3 FY 2002/03	Funding Source
Staff - Administration (10%)	\$ 1,974.00	EA	\$ 18,166.00	CMAQ	\$ 18,166.00	CMAQ	\$ 18,168.00	C M A Q
	\$ 1,950.00	SCCRTC						
Staff - Operations (15%)	\$ 7,655.00	EA/TMA	\$ 13,000.00	CMAQ	\$ 13,000.00	CMAQ	\$ 13,000.00	CMAQ
Includes Program Development for FY 1999/00	\$ 5,085.00	EA-BTW	\$ 9,900.00	AB2766	\$ 13,950.00	AB2766	\$ 13,950.00	AB2766
	\$ 17,550.00	SCCRTC						
Promotion Services			\$ 10,250.00	EA-BTW	\$ 7,500.00	EA-BTW	\$ 7,500.00	EA-BTW
Equipment Subsidies & Accessories			\$ 94,500.00	CMAQ	\$ 94,500.00	CMAQ	\$ 97,500.00	C M A Q
			\$ 31,500.00	AB2766	\$ 31,500.00	AB2766	\$ 31,500.00	AB2766
Solar Charging Stations					\$8,850	AB2766	\$8,850	AB2766
Promotional and Misc Material Expenses	\$ 3,500.00	EA-BTW	\$ 2,000.00	EA-BTW	\$ 2,000.00	EA-BTW	\$ 2,000.00	EA-BTW
	\$ 3,500.00	SCCRTC						
TOTAL BY YEAR	\$ 41,214.00		\$ 179,316.00		\$ 189,466.00		\$ 192,468.00	
<i>Total Match To CMAQ/Year</i>	\$ 41,214.00		\$ 53,650.00		\$ 54,950.00		\$ 54,950.00	

FUNDING PLAN AND BUDGET NARRATIVE:

- This plan is consistent with the current approved funding from the SCCRTC Reserves and CMAQ.
- Funding shown is either approved or projected based on solid historical funding sources, with the exception of the AB2766 grant, which is in progress.
- If the AB2766 grant is successful, the local match for the CMAQ funds will be at 43% for FY 2000 through 2003. The match is shown in italics.
- The budget for equipment subsidies and safety accessories is adequate to subsidize 1300 bikes or \$300 per bike on average.
- Matching funds from the California Energy Commission and grants from PGE and others will add to the budget for solar charging/storage stations.

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Lead Agency Experience and Community Partners:

The lead agency for this program is Ecology Action of Santa Cruz, coordinator of the Santa Cruz Area Bike To Work Project, and the Santa Cruz Area Transportation Management Association. The lead agency has over thirty years of experience in designing and implementing environmental programs throughout the Santa Cruz area. Together, the Bike To Work Project and the SC Area TMA have 23 years of experience advocating for sustainable transportation projects to benefit SC residents and businesses.

About Ecology Action of Santa Cruz

Founded on the first Earth Day in 1970, Ecology Action is a non-profit agency that combines municipal, foundation, and private funding to establish cutting-edge environmental programs, prove their effectiveness financially and operationally, and establish each program as a permanent community resource. EA has established programs in source reduction, pollution prevention, reuse, recycling, organic recycling, and general conservation. A recipient of many awards over the years, Ecology Action was honored in 1995 with the Sustainable Quality Award of Santa Cruz County for overall excellence in environmental stewardship, contribution to our community and management practices. From 1996 through 1998, recognition awards were received from the U.S. Congress, the California State Senate and Assembly, the City of Santa Cruz, and the California Integrated Waste Management Board.

Ecology Action continues to seek innovative ways that instill environmental awareness, promote pragmatic change, and create opportunities for individuals, businesses, and community agencies to save money, create jobs, and contribute to a sustainable local economy. In addition to the Santa Cruz County Electric Bike Commuter Incentive Program, our current programs focus on:

- ***Used Oil & Household Hazardous Waste Pollution Prevention Programs***
Pollution prevention education materials, workshops, community events
Collection infrastructure and promotion for proper disposal and alternatives
- ***Business Waste Reduction -- WasteNot***
Waste assessments and source reduction recommendations
Technical assistance in implementing waste minimization options
ProMAX Regional Materials Reuse Network
Market Development for Reusable/Recyclable Materials
- ***Public School Resource Conservation Program***
Partnership with SCC Office of Education and LifeLab Science Program
Thirteen pilot school sites in SCC working toward zero waste
Litterless Lunch Campaign
Community composting demonstration sites
- ***Home Composting Programs***
Technical composting workshops
Community composting demonstration sites (outdoor classrooms)
Large-scale bin distributions
Technical assistance hotline--the "Rotline"
- ***Safer Technologies in Fabricare***