



INCENTIVES FOR ALTERNATIVE VEHICLES & FUELS

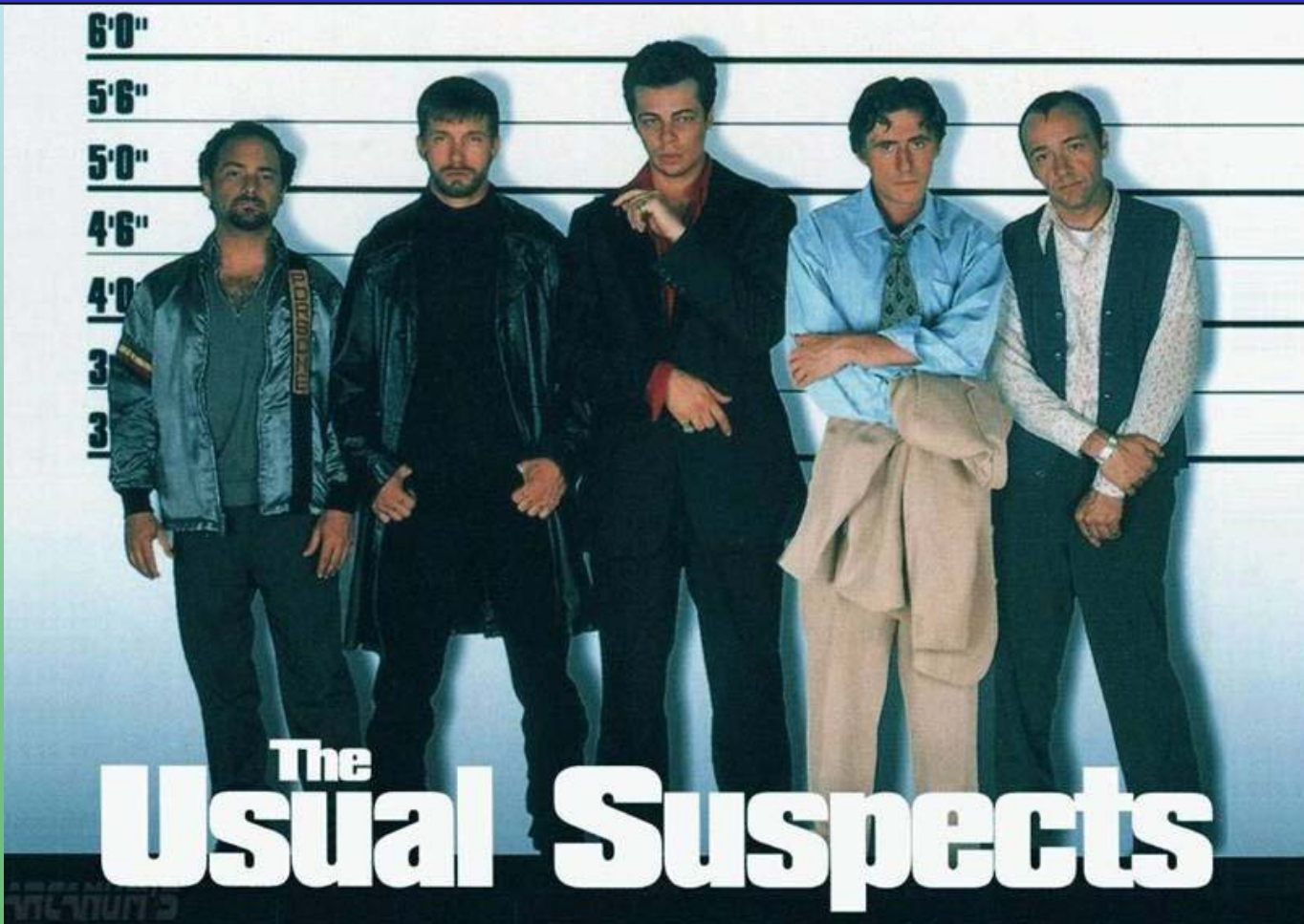
“In Search of the Money Tree”

**Green California Summit
Sacramento, CA- April 19, 2011**





GRANT SOURCES





FEDERAL

- **Department of Energy (DOE)**
 - EERE, VTP, SEP, Clean Cities
 - <http://www1.eere.energy.gov/vehiclesandfuels/financial/index.html>
- **Environmental Protection Agency (EPA)**
 - National and Regional, NCDC and DERA clean diesel
 - <http://www.epa.gov/otaq/diesel/index.htm>
- **Department of Transportation (DOT)**
 - FTA, FHWA, TCSP
 - http://www.dot.gov/Government_Services.htm



STATE

- **For your state energy office, look here:**
<http://www.naseo.org/members/states/default.aspx>
- **Alternative Fuels and Advanced Vehicles Data Center**
<http://www.afdc.energy.gov/afdc/states/>

There may be multiple state level funding entities

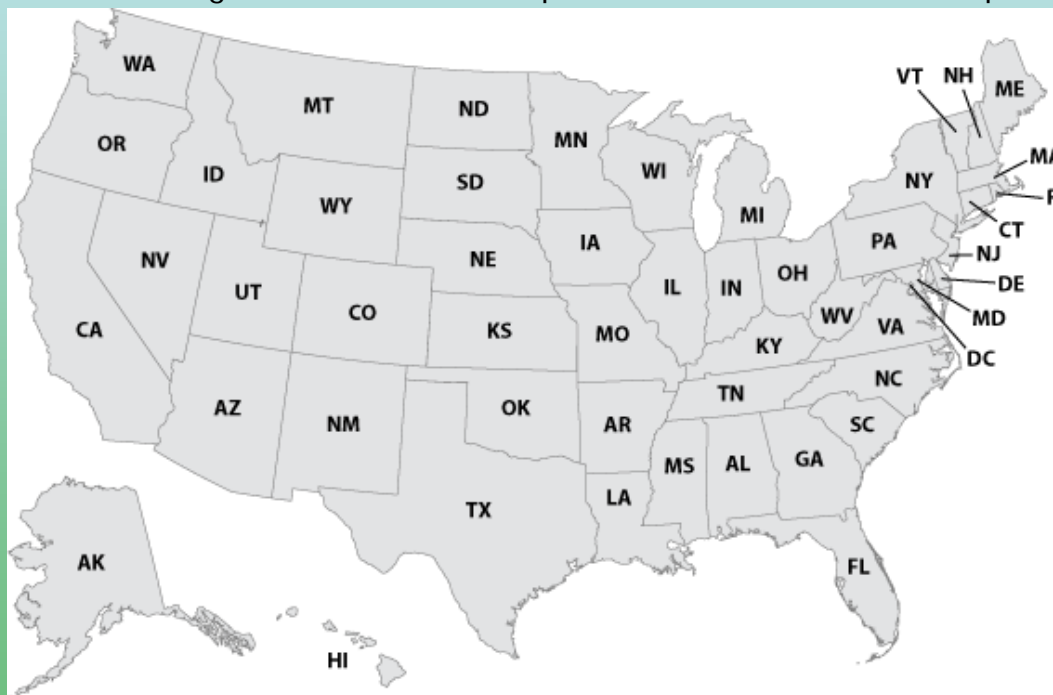
Example: CA Energy Commission and Air Resources Board



AFDC STATE RESOURCE DIRECTORY

State Information

Click on the map below to obtain state-specific information on alternative fuel and advanced vehicle incentives and laws, locations of alternative fueling stations and truck stop electrification sites, area fuel prices, and much more.





LOCAL

- *Clean Cities*
- *Air/Pollution Control Districts*
- *Metropolitan Planning Organizations (MPO)*
Congestion Mitigation & Air Quality (CMAQ) Funds
- Transit/Transportation Authorities
- Utilities
- Cy pres, non-profits, and corporate philanthropy
- Carbon/pollution offsets and credits (?)



LOCAL CLEAN CITIES COALITIONS





MPO LOCATOR



RITA

Research and Innovative Technology Administration
Bureau of Transportation Statistics

[About RITA](#) | [Press Room](#) | [Offices](#) | [Jobs](#) | [Photos & Video](#) | [Contact Us](#)

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[About BTS](#) | [BTS Press Room](#) | [Data and Statistics](#) | [Publications](#) | [Subject Areas](#) | [External Links](#)

[RITA](#) > [BTS](#) > [External Links](#)

Print

Metropolitan Planning Organizations

Metropolitan Planning Organizations are responsible for planning, programming and coordination of federal highway and transit investments in urbanized areas.

Alabama

- [Birmingham RPC - Birmingham \(AL\)](#)
- [Dothan MPO - Dothan \(AL\)](#)
- [East Alabama Regional Planning and Development Commission - Anniston \(AL\)](#)
- [Gadsden-Etowah MPO - Gadsden \(AL\)](#)
- [Huntsville MPO - Huntsville \(AL\)](#)
- [Lee-Russell COG - Opelika \(AL\)](#)
- [Montgomery Division of PPT - Montgomery \(AL\)](#)
- [North-Central Alabama Regional COG - Decatur \(AL\)](#)
- [Northwest Alabama COG - Muscle Shoals \(AL\)](#)
- [South Alabama RPC - Mobile \(AL\)](#)
- [West Alabama PDC - Northport \(AL\)](#)

Alaska

- [Anchorage MATS - Anchorage \(AK\)](#)

Arizona

- [Flagstaff MPO - Flagstaff \(AZ\)](#)
- [Maricopa AOG - Phoenix \(AZ\)](#)
- [Pima AOG - Tucson \(AZ\)](#)
- [Yuma MPO - Yuma \(AZ\)](#)

Arkansas

- [Arkoma RPC - Fort Smith \(AR\)](#)
- [Metroplan - Little Rock \(AR\)](#)
- [Northwest Arkansas RPC - Springdale \(AR\)](#)
- [Southeast Arkansas RPC - Pine Bluff \(AR\)](#)
- [West Memphis MPO - West Memphis \(AR\)](#)

California

- [AMBAG - Marina \(CA\)](#)
- [Butte County Association of Governments - Chico \(CA\)](#)
- [Council of Fresno County Governments - Fresno \(CA\)](#)
- [Kern COG - Bakersfield \(CA\)](#)
- [Merced County Association of Governments - Merced \(CA\)](#)



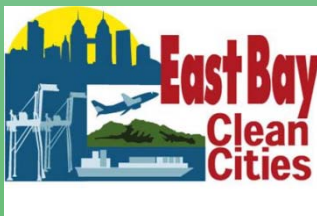
U.S. Department of Energy
Energy Efficiency
and Renewable Energy



THANK YOU

Richard Battersby, CAFM, CFPF
East Bay Clean Cities Coalition

www.cleancitieseastbay.org





MISCELLANEOUS/NON-TRADITIONAL

- **Cy pres legal settlement funds**

(Petroleum spills, emissions, environmental damage, etc.)

- **Corporate philanthropy**

(Google RechargeIT, AAA Greenlight Initiative, etc.)

- **Public Charities**

(example: The Rose Foundation, Northern California)

- **Carbon/pollution offsets (?)**

(TerraPass, Carbonfund.org, etc.)



MISCELLANEOUS/NON-TRADITIONAL

Cy pres legal settlement funds

- Meaning “As near as possible”
- Sources: legal settlements or trusts
- Funding limited to a specific issue
- Project criteria may be less specific
- No routine notification process



MISCELLANEOUS/NON-TRADITIONAL

Corporate philanthropy

- Corporate image, marketing, philosophy
- Funding may be limited to a specific issue
- Opportunities may not be fleet oriented
 - Google.org <http://www.google.org/>
 - Google RechargeIT <http://www.google.org/investments.html>
 - AAA Greenlight <http://www.csaa.com/about-aaa/community-advocacy/aaa-greenlight>



MISCELLANEOUS/NON-TRADITIONAL

Public charities

- Local or regional- may be one time funds
- Difficult to identify and research
- Funding limited to specific issues
- Opportunities may not be fleet oriented
 - Example: The Rose Foundation <http://www.rosefdn.org/>



MISCELLANEOUS/NON-TRADITIONAL

Carbon/pollution offsets

- Entities pay to offset carbon or pollution
- Payments then used to fund green projects
- Funding typically limited to specific issues
- Projects not directly fleet related (yet....)
 - TerraPass <http://www.terrapass.com/>
 - Carbonfund.org <http://www.carbonfund.org/>



INFORMATION RESOURCES

SUSCRIBE

–**“Solicitations” monthly e-bulletin (free)**

Email “subscribe” to: funding@listserv.energy.wsu.edu

or email laurie.e.brown@comcast.net (Washington State University- Laurie Brown)

–**“National Idling Reduction Network News” monthly (free)**

Email “subscribe” to: tlevinson@anl.gov

–**“Clean Cities Now” & local coalition newsletters (free)**

<http://www.afdc.energy.gov/cleancities/ccn/>

–**“Fleets & Fuels” bi-weekly e-newsletter (\$397/yr)**

<http://www.fleetsandfuels.com/index.html>



INFORMATION RESOURCES

Solicitations (Issue 210)

3/27/11

Greetings Subscribers – Here is Issue 210:

There are 29 funding notices included in this issue (example below):

3) Transportation in Parks

The U.S. Department of Transportation requests proposals for the Paul S. Sarbanes Transit in Parks Program. This program funds capital and planning expenses for alternative transportation systems such as buses, trams and non-motorized systems in, and in the vicinity of, federally-managed parks and public lands. Areas of interest include, but are not limited to, projects that introduce innovative technologies, prevent or mitigate adverse impact on a natural resource, and that reduce congestion and pollution. \$25 million expected to be available, up to 45 awards anticipated. Responses due 5/9/11. For more info, contact Patrick Centolanzi at Patrick.Centolanzi@dot.gov or go to:

http://www.fta.dot.gov/funding/grants_financing_7829.html. Refer to Sol# FTA-2011-013-TPMTRIP. (Grants.gov 3/10/11)

laurie.e.brown@comcast.net



INFORMATION RESOURCES

National Idling Reduction Network News				
March 2011				
SOLICITATIONS FOR FUNDING AND AWARDS				
[Brown text indicates a new entry, or updated information, since last month.]				
ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
California Air Resources Board (CARB)	Clean Vehicle Rebate Project	\$5.6 million (as of March 31, 2011)	First come, first served.	http://energycenter.org/index.php/incentive-programs/clean-vehicle-rebate-project
CARB	On-Road Heavy-Duty Vehicle Loan Program	~\$48 million for loan guarantees	Rolling deadline until funds are awarded.	http://www.arb.ca.gov/bs/loan/on-road/documents/hdloanprogram.pdf
Climate Trust	Greenhouse Gas Offset Projects	\$6 million (as of January 2011)	Rolling deadline until funds are awarded.	http://www.climatetrust.org/appl.html
Efficiency Maine	Small Business Low Interest Loan Program	Indeterminate	Rolling deadline until funds are awarded.	http://www.energymaine.com/et-work-for-small-business/loan-programs
Minnesota Pollution Control Agency	Small Business Auxiliary Power Unit (APU) Loan Program	\$192,000	Rolling deadline until funds are awarded.	http://www.mpc.state.mn.us/programs/smb_loan.html#evaluation
Owner-Operator Independent Drivers Association (OOIDA)	Financial assistance for the installation of ~240 APUs in U.S. Environmental Protection Agency's (EPA) Regions 6 and 7	\$1 million	Rolling deadline until funds are awarded.	(800) 444-3791
Pittsburgh Public Schools, the Heinz Endowments, Clean Water Action, Group Against Smog and Pollution, and the Clean Air Task Force	Pittsburgh Healthy School Bus Fund	\$300,000	Rolling deadline until funds are awarded.	http://www.dieseltrofitrebate.org
Metropolitan Washington Council of Governments (COG), in collaboration with the District Department of the Environment, the District Department of Transportation, and the Maryland Department of the Environment	Driver Recognition Program—Diesel Idle Reduction Campaign	N/A	Rolling deadline—the 15th of every month.	http://www.turnyourengineoff.org/camsoign_recognition.html



LINKS

- **Federal**

<http://www.grants.gov/>

<http://www.fbo.gov>

<http://www.recovery.gov>

- **DOE specific**

<http://www.energy.gov/recovery/funding.htm>

<http://www1.eere.energy.gov/wip/eecbg.htm>

<http://www.energy.gov/recovery/index.htm>

<http://www1.eere.energy.gov/recovery/>

- **Alternative Fuels Data Center**

http://www1.eere.energy.gov/cleancities/financial_opps.html

<http://www.afdc.energy.gov/afdc/states/>

- **State Organizations**

- **State Energy Offices**

<http://www.naseo.org/members/states/default.aspx>

- **Metropolitan Planning Organizations**

http://www.bts.gov/external_links/government/metropolitan_planning_organizations.html



STRATEGIES





PREPARE

- Identify needed funding, equipment, vehicles
- Draft equipment specifications
- Obtain cost estimates
- Calculate and quantify emission reductions
- Consult previous successful grantees
- Obtain DUNS Number (<http://fedgov.dnb.com/webform>)
- Register with CCR (<https://www.bpn.gov/ccr/default.aspx>)
- **Clean Cities (!)**

START NOW!!!



PREPARE

GRANTS.GOV™

Search Contact Us Site Map Help RSS

FOR APPLICANTS

- Applicant Login
- Find Grant Opportunities
- Get Registered
- Apply for Grants
- Track My Application
- Applicant Resources
- Search FAQs, User guides and Site Information

APPLICANT SYSTEM-TO-SYSTEM

FOR GRANTORS

- ABOUT GRANTS.GOV
- HELP
- CONTACT US
- SITE MAP

Find. Apply. Succeed.

Grants.gov is your source to FIND and APPLY for federal government grants. The U.S. Department of Health and Human Services is proud to be the managing partner for Grants.gov, an initiative that is having an unparalleled impact on the grant community. [Learn more](#) about Grants.gov and determine if you are eligible for grant opportunities offered on this site.

Grants.gov does not provide personal financial assistance. To learn where you may find personal help, check [Government Benefits](#), [Student Loans](#) and [Small Business Start-up Loans](#).

RECOVERY.GOV

In response to The American Recovery and Reinvestment Act or Recovery Act, Grant-making agencies are posting Recovery Act specific grant opportunities on grants.gov. [View all opportunities >](#)

Other information and opportunities regarding the Recovery Act is available. [Learn more >](#)

Update-to-date information on the state of recovery. [Learn more >](#)

Recovery Act Grant Opportunities

Archived Webinars

Sign-up for our "Success" Quarterly Newsletter

Quick Links

Latest News!
[Grants.gov Blog](#)
[Exit this Window](#)

FOR APPLICANTS

- [Site Search](#)
- [Grant Email Alerts](#)
- [Get Registered](#)
- [Applicant Login](#)
- [E-Biz EDC Login](#)
- [Track My Application](#)

FOR GRANTORS

- [Grantor Login](#)
- [New Agency Users Resources](#)

What's New at Grants.gov

- New Opportunities This Week
- Important Notice for Applicants
- View Archived Recovery Act Webinar Series
- Notices and System Information
- Verify if you are an Authorized Organization Representative (AOR)
- Verify if your Adobe Reader version is compatible with Grants.gov

RECOVERY.GOV **USA.GOV** **Benefits.gov™**

E-GOV **GRANTS POLICY COMMITTEE** **FEDBIZOPPS.GOV**

D&B
Decide with Confidence

D&B DUNS Numbers™
for US Government Contractors & Grantees

Thank you for using the D&B online webform process for US Govt Contractors and Grantees.

Begin D-U-N-S Search Request Process

About the D&B D-U-N-S Number

Frequently Asked Questions (FAQ)

D&B, CCR, Grants Contacts

D&B's Privacy and Data Policy

Welcome to the D&B D-U-N-S Request Service for US Federal Government Contractors and Grantees

Dun & Bradstreet (D&B) provides a D-U-N-S Number, a unique nine digit identification number, for each physical location of your business.

D-U-N-S Number assignment is FREE for all businesses required to register with the US Federal government for contracts or grants.

Click here to request your D-U-N-S Number via the Web. If one does not exist for your business location, it can be created within 1 business day.

Click here to request your D-U-N-S Number by phone. (for U.S., Puerto Rico, and U.S. Virgin Islands Only)

For technical difficulties, contact goa@db.com

CENTRAL CONTRACTOR REGISTRATION

CCR Home CCR Search Federal Agency Registration News Release Notes Request Data Access Help

Contractors Grants International Registrants Small Businesses Security Notes **596,110 Active Registrants**

Quick Links

- Dynamic Small Business Search
- OSCA
- SSA
- Request DUNS Number
- Federal Business Opportunities

Welcome to Central Contractor Registration (CCR)

Central Contractor Registration (CCR) is the primary registrant database for the U.S. Federal Government. CCR collects, validates, stores and disseminates data in support of agency acquisition missions. [Learn more about CCR Policy and Background](#)

Existing CCR Users

Log in to CCR

User ID:

Password:

[Forgot Password](#) [Forgot User ID](#)

OR

If you have not yet converted to a User ID and Password, use your DUNS and TPIN to do this before December 21, 2009.

DUNS / TPIN Access

DUNS:

TPIN:

[Forgot TPIN](#)

New CCR Users

What you need to register

1. DUNS Number
2. Tax Identification Number (TIN) and Taxpayer Name
3. Statistical Information about your business
4. Electronic Funds Transfer (EFT) Information

[View Detailed Descriptions of International Registrants](#)

Note: New registrations usually take 1-2 business days to process once completed by the vendor.

CCR Version 4.09.3

Note to all Users: This is a Federal Government computer system. Use of this system constitutes consent to monitoring at all times.

USA.GOV



RESEARCH GRANT ORGANIZATION

- Attend grant workshops and meetings
- Make yourself known to grant provider
- Review previous successful proposals
- Review previous grant solicitations
- Identify solicitation areas that match your needs
- Tailor your proposal to match solicitation
- **Clean Cities (!)**



GRANT WRITING

- Keep it simple and easy to follow
- Follow solicitation sequence
- Include ALL requested data
- Stick to solicitation parameters
- Explore collaborations/look for synergies
- Emphasize unique qualities
- Seek third party input- **Clean Cities**



BE PREPARED TO CALCULATE EMISSIONS

- <http://www.epa.gov/cleanenergy/energy-resources/calculator.html>
- <http://www.afdc.energy.gov/afdc/vehicles/emissions.html>
- <http://www.fueleconomy.gov/feg/findacar.htm>
- <http://rideshare.511.org/calculator/>
- <http://www.epa.gov/oms/climate/420f05001.htm>
- <http://www.arb.ca.gov/msprog/bus/manualcalc.htm>
- <http://www.arb.ca.gov/msprog/onrdiesel/calculators.htm>
- http://www.arb.ca.gov/msei/onroad/latest_version.htm
- <http://www.arb.ca.gov/msprog/onroad/cert/cert.php>
- http://www.transportation.anl.gov/modeling_simulation/AirCred/index.html
- http://greet.es.anl.gov/carbon_footprint_calculator



2009 GRANT AWARDS

- \$300 million Department of Energy/ARRA
- \$156 million EPA/National Clean Diesel Funding
- \$30 million EPA/SmartWay Clean Diesel
- \$25.6 million EPA/Emerging Technologies Clean Diesel
- \$23.3 million CA Energy Commission AB118
- \$19 million CA Energy Commission AFV production
- \$20.4 million CA Air Resources Board HVIP vouchers
- \$4.1 million CA Air Resources Board AFVIP rebates
- \$7 million Reformulated Gasoline Settlement Fund
- \$20 million Bay Area AQMD TFCA program
- \$31 million MTC Innovative Grants (GHG reduction)



SUCCESS!





SUCCESS!





SUCCESS!





WHAT IF YOU ARE NOT SUCCESSFUL?





FOLLOW-UP EVEN IF NOT SUCCESSFUL

- Send thank you to grant provider
- Ask for recommendations for improvement
- Review successful proposals
- Remain in contact with grant provider
- Consult successful applicants
- Seek third party input- **Clean Cities (!)**



EXAMPLE 1- DOE/ARRA GRANT

- Source- Federal DOE/ARRA funding solicitation
- Notice- Clean Cities, fleet publications
- Criteria- Alternative fuel vehicle/station/education
 - Governmental entity/partnership
 - Emissions reduction
 - Petroleum fuel displacement
- Project- Construct 75 biofuel stations in California
- Partners- Propel Fuel & CA State General Services
- Award- \$6.9 million DOE/\$4 million CA Energy Commission
- Notes- \$16 million cost share, jobs, shovel ready, quantify
- Status- Project started, 9 stations constructed in 2010



EXAMPLE 2- RGSF CY PRES GRANT

- Source- Reformulated Gasoline Settlement Fund (cy pres)
- Notice- Clean Cities
- Criteria- Fuel or air emissions benefits to CA consumers
 - Non-profit organizations or partnerships
 - Emissions reduction
 - Petroleum fuel use reduction
- Project- Altamont CNG station to fuel CNG refuse trucks
- Partners- Waste Management/Linde North America
- Award- \$500,000
- Notes- \$600,000 cost share, school age/elderly, quantify
- Status- In contract, to be completed by 2012



EXAMPLE 3- AIR DISTRICT CLEAN AIR FUND

- Source- Yolo/Solano Air Quality Management District
- Notice- Clean Cities
- Criteria- Reduce emissions from motor vehicles
 - Entity within district boundaries
 - Clean technology/low emission vehicles or fuels
 - Alternative transportation/transit programs or public education
- Project- 6 NEV's replacing gasoline vehicles
- Partners- University of California, Davis sole applicant
- Award- \$42,000
- Notes- \$66,000 cost share, cost effective, quantify
- Status- 6 vehicles fielded



U.S. Department of Energy
Energy Efficiency
and Renewable Energy

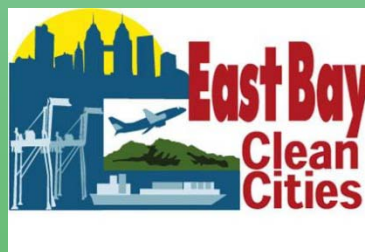


Clean
Cities

Presentation Also Posted at:

www.cleancitieseastbay.org

More resources on following slides:



UC DAVIS
FLEET SERVICES



U.S. Department of Energy
Energy Efficiency
and Renewable Energy



American Public Works Association (APWA)

<http://www.apwa.net/>

National Conference of State Fleet Administrators (NCSFA)

<https://www.ncsfa.net/>

NAFA Fleet Management Association

<http://www.nafa.org/>

Association of Equipment Management Professionals (AEMP)

<http://www.aemp.org/>

Rocky Mountain Fleet Managers Association (RMFMA)

<http://www.rmfma.org/>





U.S. Department of Energy
Energy Efficiency
and Renewable Energy



Clean
Cities

NATIONAL BIODIESEL BOARD (NBB)

<http://www.biodiesel.org/>

ETHANOLRETAILER.COM

<http://www.e85fuel.com/index.php>

ALTERNATIVE FUEL PRICING

http://www.eere.energy.gov/afdc/price_report.html

<http://gasprices.mapquest.com/index.jsp>

BAF TECHNOLOGIES- EPA/CARB, CNG/LPG (Ford & GM)

<http://www.bafttechnologies.com/index.htm>

BAYTECH CORP- EPA/CARB, CNG/LPG (mostly GM)

<http://www.baytechcorp.com/>

CONVERSION AND OTHER VENDORS IN GENERAL

<http://www.eere.energy.gov/afdc/progs/related2.php>



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FLEET SERVICES



U.S. Department of Energy
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Clean
Cities

DOE

<http://www1.eere.energy.gov/cleancities/>

<http://www.doe.gov/energyefficiency/transportation.htm>

<http://www1.eere.energy.gov/vehiclesandfuels/>

EPA

<http://www.fueleconomy.gov/>

Alternate Fuel Vehicle Institute (AFVi)

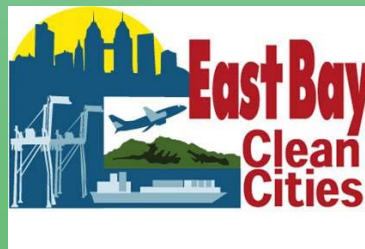
<http://www.afvi.org/>

HybridCars.com

<http://www.hybridcars.com/frontpage>

NGVC

<http://www.ngvc.com/>



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