

KEEPING UP TO DATE ON GRANTS





GRANT TYPES

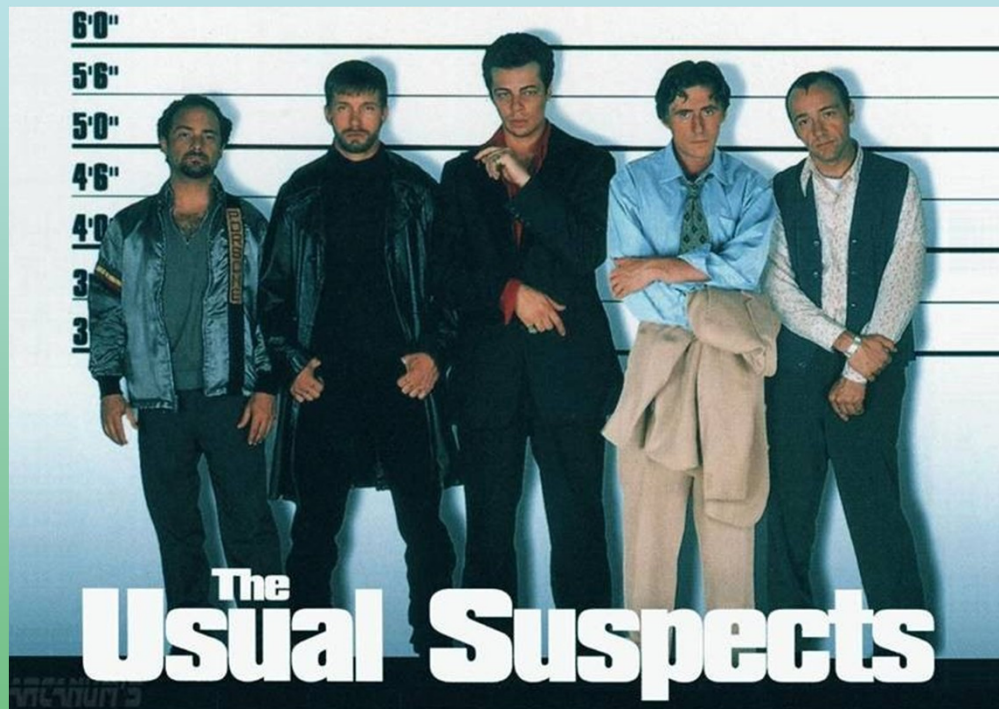
- **Competitive-** Multiple entities vying for a limited amount of funding (e.g. Clean Cities Petroleum Reduction)
- **Formulaic-** No competition; distributed based upon established percentages (population, etc.)
(e.g. Energy Efficiency and Conservation Block Grant EECBG)
- **Categorical-** For specific projects, may require match
- **Block-** Formulaic grants, as provided to states for further award
- **Earmark-** Awarded through legislation



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GRANT SOURCES



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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

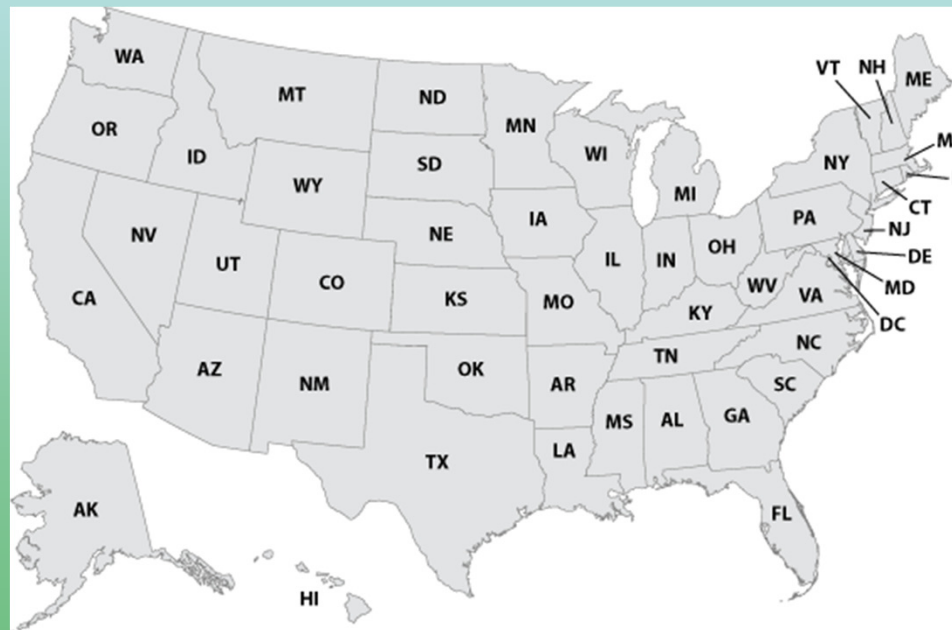
Example: CA Energy Commission and Air Resources Board



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.





AFDC STATE RESOURCE DIRECTORY

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Alternative Fuels & Advanced Vehicles Data Center

About the AFDC | Fuels | Vehicles | Fleets | Incentives & Laws | Data, Analysis & Trends | Information Resources | Home

Federal & State Incentives & Laws

Search Help > More Search Options > Search

Printable Version Site Map EERE Information Center

Federal

State

Advanced Search

All Incentives & Laws Sorted by Type

California Incentives and Laws

Listed below are incentives, laws, and regulations related to alternative fuels and advanced vehicles for California. Your Clean Cities coordinator at your [local coalition](#) can provide you with information about grants and other opportunities. You can also access coordinator and other agency contact information in the [points of contact](#) section.

Incentives and Laws [View All](#) [Advanced Search](#)

Information in this list is updated annually after California's [legislative session](#) ends.
Last Updated October 2009

State Incentives

- [Hybrid Electric Vehicle Purchase Vouchers](#)
- [Plug-In Hybrid and Zero Emission Light-Duty Vehicle Rebates](#)
- [Alternative Fuel and Vehicle Research and Development Incentives](#)
- [High Occupancy Vehicle \(HOV\) Lane Exemption](#)
- [Alternative Fuel Vehicle \(AFV\) and Fueling Infrastructure Grants](#)
- [Emissions Reductions Grants](#)
- [Heavy-Duty Vehicle Emissions Reduction Grants](#)
- [Lower Emission School Bus Grants](#)
- [Alternative Fuel and Advanced Technology Research and Development](#)
- [Vehicle Emission Reduction Grants - Sacramento](#)
- [Employer Invested Emission Reduction Funding - South Coast](#)
- [Technology Advancement Funding - South Coast](#)
- [Low Emission Vehicle Incentives and Technical Training - San Joaquin Valley](#)
- [Air Quality Improvement Program Funding - Ventura County](#)

Utility/Private Incentives

- [Electric Vehicle Supply Equipment \(EVSE\) Incentive - Coulomb Technologies](#)
- [Alternative Fuel Vehicle \(AFV\) and Hybrid Electric Vehicle \(AFV\) Insurance Discount](#)
- [Electric Vehicle Supply Equipment \(EVSE\) Incentive - ECOTality](#)
- [Electric Vehicle \(EV\) Charging Rate Reduction - SMUD](#)



LOCAL

- **Clean Cities (!)**
- ***AIR DISTRICTS***
- Utilities
- Transit/Transportation Authorities
- Metropolitan Planning Organizations (MPO)
Congestion Mitigation & Air Quality (CMAQ)
- Regional entities
- Carbon credits (?)



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MPO LOCATOR



RITA

Research and Innovative Technology Administration
Bureau of Transportation Statistics

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

[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 \(AR\)](#)
- [Metropolitan - 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 \(CA\)](#)

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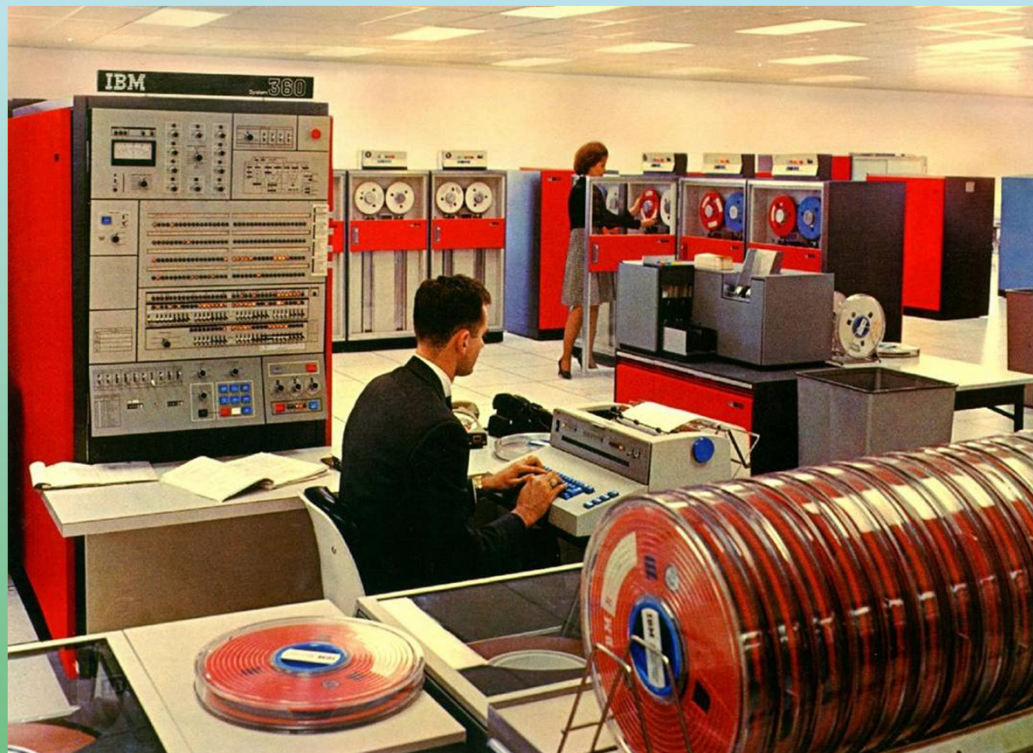
http://www.bts.gov/external_links/government/metropolitan_planning_organizations 9



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INFORMATION RESOURCES



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INFORMATION RESOURCES

- **Clean Cities (!)**
- List serves, newsletters, and e-bulletins
- Websites (Clean Cities, SEO, AFDC, etc.)
- Industry/trade organizations (NGVA, NBB)
- Vendors
- Fuel providers
- Peers



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INFORMATION RESOURCES

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Clean Cities

[About the Program](#) [Coalitions](#) [Coordinator Toolbox](#) [Financial Opportunities](#) [Information Resources](#)




Clean Cities strives to advance the nation's economic, environmental, and energy security by supporting local decisions to adopt practices that contribute to the reduction of petroleum consumption. Clean Cities has a network of approximately 90 volunteer coalitions, which develop public/private partnerships to promote alternative fuels and advanced vehicles, fuel blends, fuel economy, hybrid vehicles, and idle reduction.

Clean Cities is part of the Office of Energy Efficiency and Renewable Energy's [Vehicle Technologies](#) Program.




Select Coalition-Related Information


- [Starting Coalitions](#)
- [Coalition Locations](#)
- [Program Contacts](#)
- [Coordinator Contacts](#)



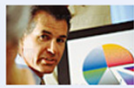
[What is Clean Cities? Fact Sheet \(PDF 2 MB\)](#) ▶
[Download Adobe Reader](#) ▶



Petroleum Reduction Tools & Information
[Alternative Fuels and Advanced Vehicles Data Center](#): This Web site educates consumers and fleets on alternative fuels and advanced vehicles.
[FuelEconomy.gov](#): This Web site compares gas mileage, emissions, air pollution ratings, and safety data for new and used vehicles.



Clean Cities Now ▶
This biannual newsletter addresses industry news, coalition successes, and program information.



Coordinator Toolbox ▶
This subsite helps coordinators develop strong coalitions, promote partnerships, and facilitate activities.

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EERE Information Cen
Programs and Offices

■ NEWS


USDA Readies Exp
Initiatives, Includin
Project ▶
October 27, 2010


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■ EVENTS

CNG Fueling Station
Operation, and Ma
Classes ▶
November 2-5, 2010

■ FEATURES

 **2010 Co
Awards**

 **Spanish
Publication
available in**

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www1.eere.energy.gov/cleancities/index.htm



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Financial Opportunities

Solicitations

Government Sources

Securing funding is critical to the success of every petroleum displacement program. To ensure stakeholders meet their goals, Clean Cities tracks financial opportunities specific to alternative fuels and advanced technologies.

There are many financial opportunities available. To explore them, choose the links below. When applying for funding, ask your local [Clean Cities coordinator](#) for help. Coordinators can offer sound advice on how to successfully navigate the process to obtain the funding needed to meet petroleum reduction goals.

Solicitations ▶

View Clean Cities' and other transportation-related funding opportunities, including those related to the U.S. stimulus plan.

Government Sources ▶

Look up funding opportunities available from other government agencies.

[Printable Version](#)

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DOE Announces Clean Cities

Funding Recipients and Projects
Read about the petroleum reduction [projects](#) that will be funded by DOE and the American Recovery and Reinvestment Act.

[Clean Cities Home](#) | [EERE Home](#) | [U.S. Department of Energy](#)
[Webmaster](#) | [Web Site Policies](#) | [Security & Privacy](#) | [USA.gov](#)

Content Last Updated: 06/30/2010

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Programs and Offic

FEATURES



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www1.eere.energy.gov/cleancities/financial_opps



INFORMATION RESOURCES





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[CA Energy Commission](#)



[Air Resources Board](#)



[Waste Mgt Board](#)



[EPA Region 9](#)



[Federal Funding](#)



[Local Funding](#)



[Incentives
and Laws](#)



The California Air Resources Board (CARB) provides numerous alternative fuel and clean air vehicle related funding opportunities including a [hybrid truck and bus voucher incentive project](#) and a [zero emission and plug-in hybrid light duty vehicle rebate project](#) under the [Air Quality Improvement Program](#). CARB also administers the [Enhanced Fleet Modernization Program](#). Both of these funding opportunities are authorized by [Assembly Bill 118](#). A listing of all current California Air Resources Board funding solicitations is found [here](#).



The California Integrated Waste Management Board (CIWMB) provides a broad range of waste reduction and elimination grant funding programs and also provides a handy [Grant Writing Tips tutorial](#). The CIWMB also provides an excellent summary of CIWMB [Grant Scoring Criteria](#) that may be used universally to assist in preparation of grant proposals made to any funding source. A listing of all California Integrated Waste Management Board funding solicitations is found [here](#).



The US Environmental Protection Agency (EPA) Region 9 encompasses the states of California, Nevada, Arizona, and Hawaii and offers both ongoing and project-specific grant funding opportunities which may be a source for statewide, regional, or local project funding. Please check the [Region 9 funding source directory](#) for a comprehensive listing of all EPA Region 9 funding sources and also please check the [Region 9 active solicitations/RFP directory](#) for a current list of active grant solicitations.

ALTERNATIVE FUEL QUICK LINKS



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www.cleancitieseastbay.org/state.html



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INFORMATION RESOURCES

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Alternative Fuels & Advanced Vehicles Data Center

[About the AFDC](#) | [Fuels](#) | [Vehicles](#) | [Fleets](#) | [Incentives & Laws](#) | [Data, Analysis & Trends](#) | [Information Resources](#)

The Alternative Fuels and Advanced Vehicles Data Center (AFDC, formerly known as the Alternative Fuels Data Center) provides a wide range of information and resources to enable the use of alternative fuels (as defined by the [Energy Policy Act of 1992](#)), in addition to other petroleum reduction options such as advanced vehicles, fuel blends, idle reduction, and fuel economy.

This site is sponsored by the U.S. Department of Energy's [Clean Cities](#) initiative.

Data, Analysis, and Trends
Our [Data, Analysis, and Trends](#) section provides industry trends and facts based on data analysis.

[Printable Version](#)

Alternative Fuel Portals

- [Biodiesel](#)
- [Electricity](#)
- [Ethanol](#)
- [Hydrogen](#)
- [Natural Gas](#)
- [Propane](#)

[More Fuels Information >](#)

Vehicle Information

- [Conversions](#)
- [Electric Drive Vehicles](#)
- [Emissions](#)
- [Fuel Economy](#)
- [Idle Reduction](#)

[More Vehicle Information >](#)

AFDC Tools

- [Light-Duty Vehicle Search](#)
- [Heavy-Duty Vehicle Search](#)
- [Alternative Fueling Station Locator](#)
- [Incentives & Laws Search](#)
- [Publications Search](#)
- [State Information](#)

[More Tools >](#)

Search

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[Site Map](#)
[EERE Information Center](#)

NEWS

Latest Edition of Annual Transportation Energy Data Book Published >
August 25, 2010

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EVENTS

CNG Fueling Station Design, Operation, & Maintenance Classes
11/02/2010 - 11/05/2010

[More Events >](#)

FEATURES

[Financial Opportunities >](#)

[Clean Cities 2009 Petroleum Reduction Projects >](#)

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Alternative Fuels and Advanced Vehicles Data Center

www.afdc.energy.gov/afdc/



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INFORMATION RESOURCES

- **Subscribe**

- **“Solicitations” monthly newsletter**

- subscribe-funding@listserv.energy.wsu.edu

- *or* email laurie.e.brown@comcast.net

- (Washington State University- Laurie Brown)

- **“Fleets & Fuels” biweekly newsletter**

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

- **“Clean Cities Now” & local coalition newsletters**

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



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/eeecbg.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



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STRATEGIES



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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!!!



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PREPARE

The screenshot shows the Grants.gov homepage. At the top, it says "GRANTS.GOV™" with a search bar and navigation links. A sidebar on the left lists "FOR APPLICANTS" and "FOR GRANTORS" with various links. The main content area features the slogan "Find. Apply. Succeed." and a section titled "What's New at Grants.gov" with links to new opportunities, notices, and system information. At the bottom, there are logos for RECOVERY.GOV, USA.GOV, E-GOV, GRANTS POLICY COMMITTEE, and FEDBIZOPPS.GOV.

The screenshot shows the D&B (Dun & Bradstreet) website. It features a yellow header with the D&B logo and a navigation bar. The main content area is titled "Welcome to the D&B D-U-N-S Request Service for US Federal Government Contractors and Grantees". It provides information about the D-U-N-S Number, how to request one, and links to frequently asked questions and contact information.

The screenshot shows the Central Contractor Registration (CCR) website. It features a header with the CCR logo and navigation links. The main content area is titled "Welcome to Central Contractor Registration (CCR)" and provides information about the CCR system, including how to register, login, and manage your account. It also includes a "Quick Links" section and a "Note to all Users" at the bottom.

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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)



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SUCCESS!



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SUCCESS!



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SUCCESS!



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WHAT IF YOU ARE NOT SUCCESSFUL?



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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 (!)**



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QUESTIONS?

Richard Battersby, CAFM, CPFP
East Bay Clean Cities Coalition

www.cleancitieseastbay.org

UC Davis- rebattersby@ucdavis.edu

More resources on following slides:





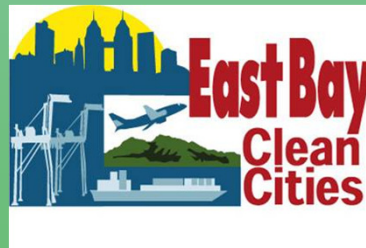
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Presentation Also Posted at:

www.cleancitieseastbay.org

More resources on following slides:





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National Conference of State Fleet Administrators (NCSFA)

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

NAFA Fleet Management Association

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

American Public Works Association (APWA)

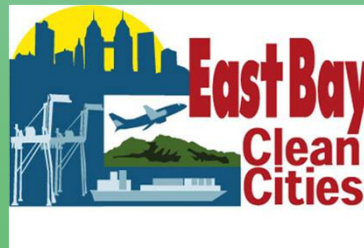
<http://www.apwa.net/>

Association of Equipment Management Professionals (AEMP)

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

Rocky Mountain Fleet Managers Association (RMFMA)

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





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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.baftechnologies.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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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/>

