KEEPING UP TO DATE ON GRANTS
• 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
GRANT SOURCES
FEDERAL

• Department of Energy (DOE)
  – EERE, VTP, SEP, Clean Cities

• 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
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
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.

http://www.afdc.energy.gov/afdc/states/
AFDC STATE RESOURCE DIRECTORY

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

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 Rebate
- 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
- Employee 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 (HEV) Insurance Discount
- Electric Vehicle Supply Equipment (EVSE) Incentive - ECOtality
- Electric Vehicle (EV) Charging Rate Reduction - SMUD

http://www.afdc.energy.gov/afdc/states/
LOCAL

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

[Image of a green fleet conference logo]
MPO LOCATOR

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)
- Eston Ewell MPO - Gadsden (AL)
- Huntsville MPO - Huntsville (AL)
- Lee-Russell CCO - Opelika (AL)
- Montgomery Division of PPT - Montgomery (AL)
- North Central Alabama Regional COG - Decatur (AL)
- Northwest Alabama C/G/GO - Muscle Shoals (AL)
- South Alabama RPC - Mobile (AL)
- West Alabama PDC - Northport (AL)

Alaska
- Anchorage MATO - Anchorage (AK)

Arizona
- Flagstaff MPO - Flagstaff (AZ)
- Maricopa AOD - Phoenix (AZ)
- Yuma MPO - Yuma (AZ)

Arkansas
- Arkadelphia RPC - Fort Smith (AR)
- Northwest Arkansas (AR)
- Fort Smith RPC - Springdale (AR)
- Northeast Arkansas RPC - Pine Bluff (AR)
- West Memphis MPO - West Memphis (AR)

California
- AMBAC - Marin (CA)
- County Association of Governments - Chico (CA)
- Council of Fresno County Governments - Fresno (CA)
- San Diego COG - Bakersfield (CA)
- Metropolitan Association of Governments - Merced (CA)

http://www.bts.gov/external_links/government/metropolitan_planning_organizations
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
INFORMATION RESOURCES

Clean Cities

Financial Opportunities

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.

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

www1.eere.energy.gov/cleancities/financial_opps
INFORMATION RESOURCES

www.afdc.energy.gov/cleancities/progs/coalition_locations.php
INFORMATION RESOURCES

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 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 solutions 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 used universally to assist in preparation of grant proposals made to any funding source. A listing of all California Integrated Waste Management Board funding solutions 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

www.cleancitieseastbay.org/state.html
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/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
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://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
### 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 (!)
QUESTIONS?

Richard Battersby, CAFM, CPFP
East Bay Clean Cities Coalition

www.cleancitieseastbay.org

UC Davis- rebattersby@ucdavis.edu
More resources on following slides:
Presentation Also Posted at:

www.cleancitieseastbay.org

More resources on following slides:
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.rmfma.org/
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
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/