



CLEAN CITIES
MICHIGAN GREEN FLEETS

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Organization: Clean Energy Coalition
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Project ID #:
ARRAVT055

PROJECT OVERVIEW



Timeline

Start date: 12/21/2009

End date: 12/31/2013

Barriers

- Lack of fuel production capacity and distribution infrastructure
- Due to limited production, AFV's tend to be more expensive

Budget

Federal share: \$14,970,144

Cost share: \$16,360,822

Total project funding: \$31,330,966

Partners

DELEG – Bureau of Energy Systems & MI Clean Cities Coalitions

Corporations, universities municipalities, public transit providers, & public utilities



PROJECT OBJECTIVE



Objective

The purpose of this project is to: (1) increase the use of alternative fuel vehicles and advanced technology vehicles; (2) build infrastructure to support these vehicles; (3) train individuals associated with the projects; and (4) collect relevant data on the projects.

Fleets

- ~**271** AFV on Michigan's roads
 - ➔ Vehicle purchases must be completed by 12/31/2011

Infrastructure

- Build ~**11** alternative fuel and electric charging stations



MILESTONES



MONTH /YEAR	MILESTONE
02/10	100% of sub-contract agreements distributed
06/10	100% of sub-contract agreements finalized
08/10	100% of NEPA documentation for vehicle purchases and refueling infrastructure installations submitted for review
09/10	50% of vehicle purchases complete
09/11	100% of vehicle purchases complete
09/10	Groundbreaking on 50% of infrastructure installations complete
12/11	Groundbreaking on 100% of infrastructure installations complete
12/11	100% of vehicles deployed
09/11	Completion of outreach and educational activities



TECHINICAL APPROACH



On the road to meeting our milestones

- Hired two FTE staff members to manage the grant
- Distributed nine sub-grantee contracts
- Secured three of nine completed sub-grantee contracts; more in progress
- Created and disseminated a Marketing RFP; proposals forthcoming 5/12/10
- Held one informational event
- First vehicles will be on the road Spring/Summer 2010

COLLABORATION & COORDINATION



Current Sub-Grantees

- Ann Arbor Transit Authority
- City of Ann Arbor
- DTE Energy/MichCon Fuels
- FedEx Ground
- Forest Hills Public Schools
- Interurban Transit Authority
- Meijer Logistics
- Mass Transportation Authority
- University of Ann Arbor

Implementation Partners

- Detroit Area Clean Cities
- Greater Lansing Clean Cities
- Western Michigan Clean Cities
- State of Michigan Department of Energy, Labor & Economic Growth's Bureau of Energy Systems



PROPOSED FUTURE WORK



- Secure 100% of sub-grantee agreements (**priority**)
- Create and launch marketing identity plan
- Purchase all 2010 vehicles and infrastructure by September 2010
- Hold one training for fleet and infrastructure partners by June 2010
- Host remaining informational events by September 2010
- Host first annual Green Fleets event by December 2010

SUMMARY



- Creating a market-transforming, behavior-changing, project from the motor capitol of the world:
 - Increasing the use of alternative-fueled vehicles and advanced technology vehicles
 - Building the infrastructure to support these vehicles
 - Providing training for partners involved with the project
- CEC is well positioned to successfully implement this project