National Transportation Idle Free Corridors New York City Workshop

Clean Cities Program

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Clean Cities

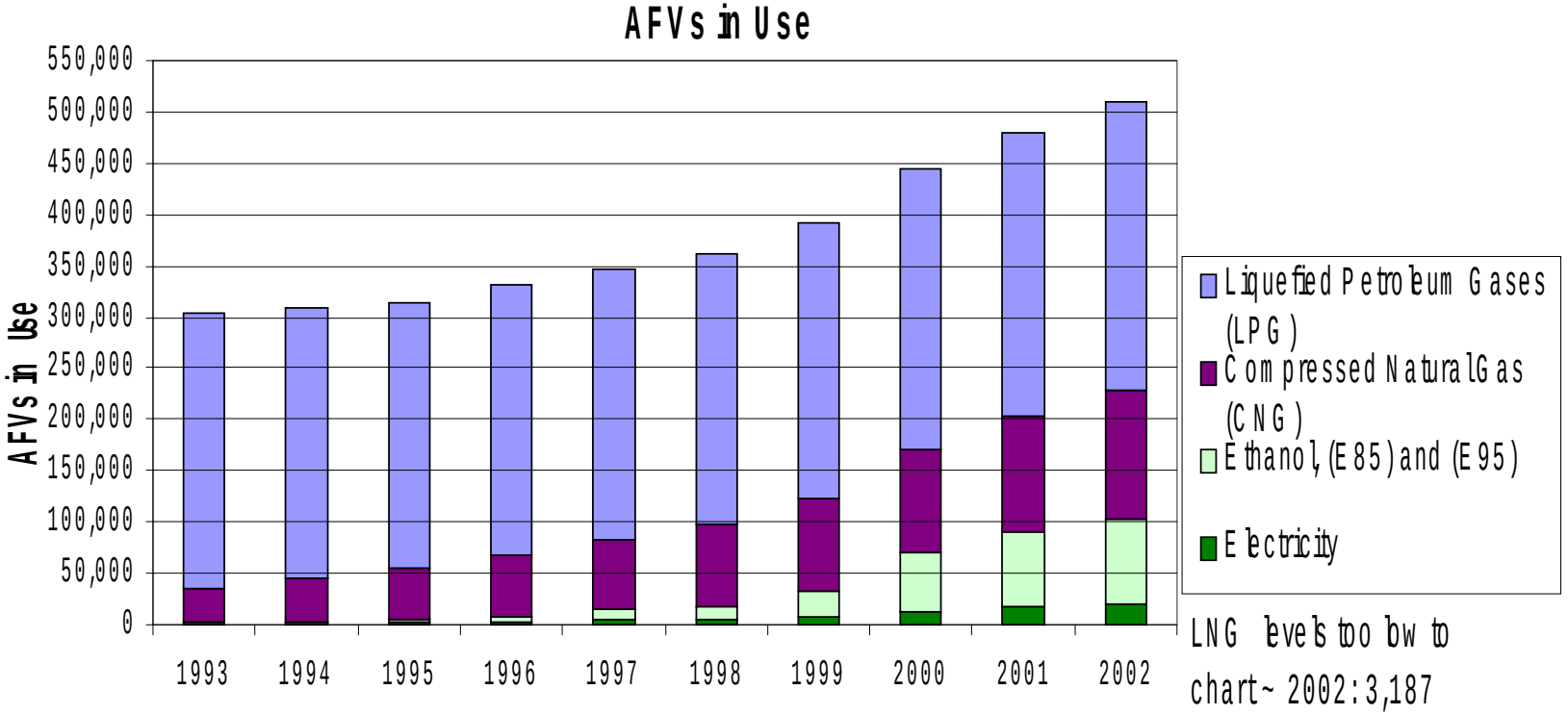
A voluntary, locally based government/industry partnership

- **Established in response to the Energy Policy Act (EPAct) of 1992, which mandates DOE to expand transportation R&D and create programs that will increase the use of alternative fuels in place of gasoline and diesel fuel**
- **Provide a framework for businesses and governments to work together as a coalition to build on local existing alternative fuel markets**
- **Coordinate the activities of AFV proponents, develop partnerships, investigate opportunities for joint projects, leverage resources, and collaborate on public policy**

Clean Cities Facts

- **Currently more than 80 active coalitions covering 60% of the population**
- **Approximately 4,800 Stakeholders**
- **181M gallons of petroleum displaced annually**
- **32,000 metric tons of emissions reduced annually**

Vehicles: 17%/yr. growth in AFVs in coalitions compared to 2%/yr. growth in rest of the country



NOTE: 2,652,592 flex fuel (E85) vehicles in 2000. Chart shows estimated vehicles using E85 fuel.

Source: EIA, Alternatives to Traditional Transportation Fuels 2000

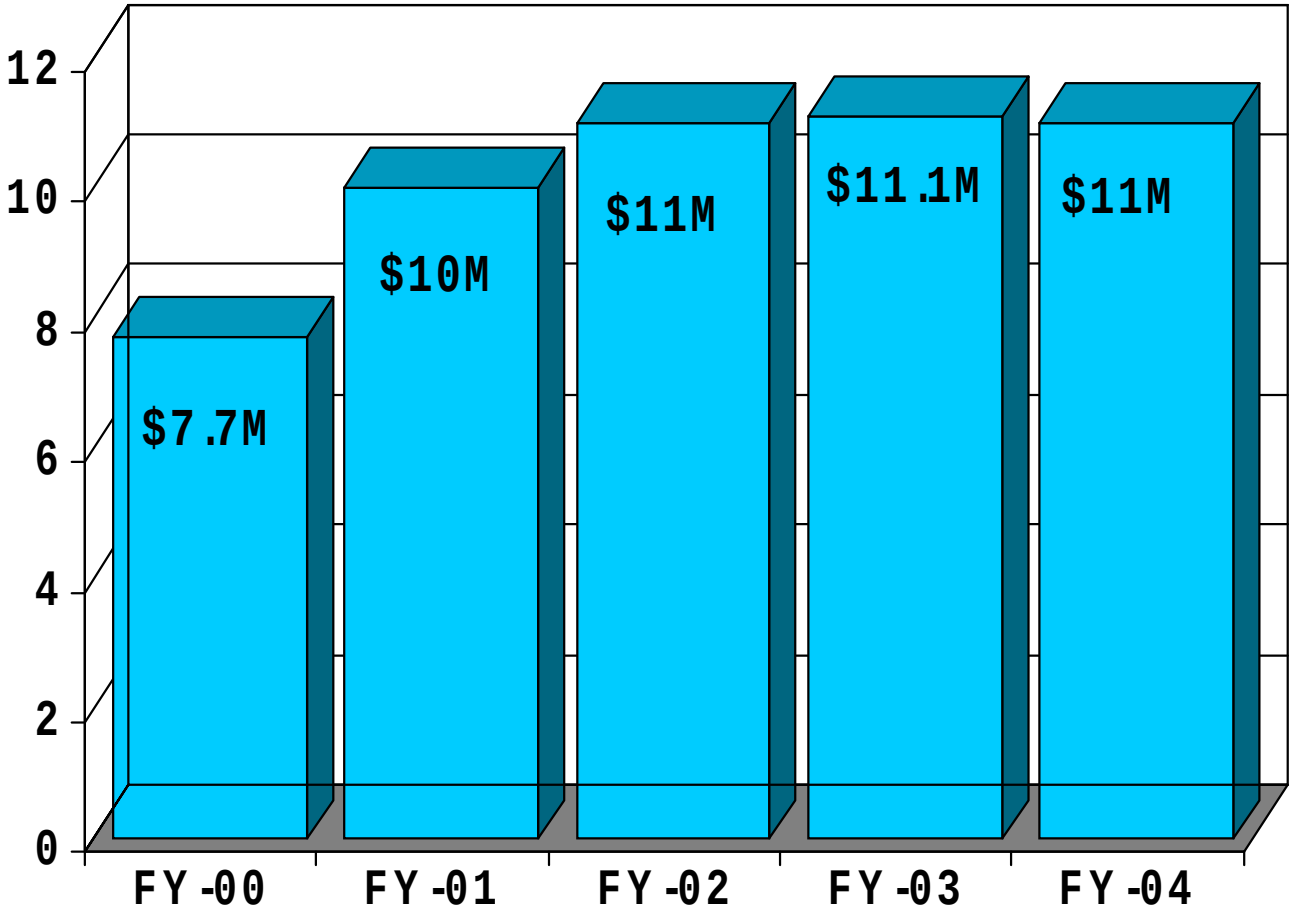
Why Clean Cities Make a Difference

- **Commitment**
- **Information Resources**
  - www.ccities.doe.gov
  - Vehicle Buyers Guide
  - Station locator and trip planner
  - Laws & incentives (by State)
  - Fleet Success Stories
  - Technical reports
  - Coalition contact information

Why Clean Cities Make a Difference

- Training
- Tiger Teams
- Alternative Fuel Grants
- Advancing the Choice Events sponsored by all Coalitions

Clean Cities Budget



50% of the Clean Cities Budget goes directly to Coalitions & Stakeholders

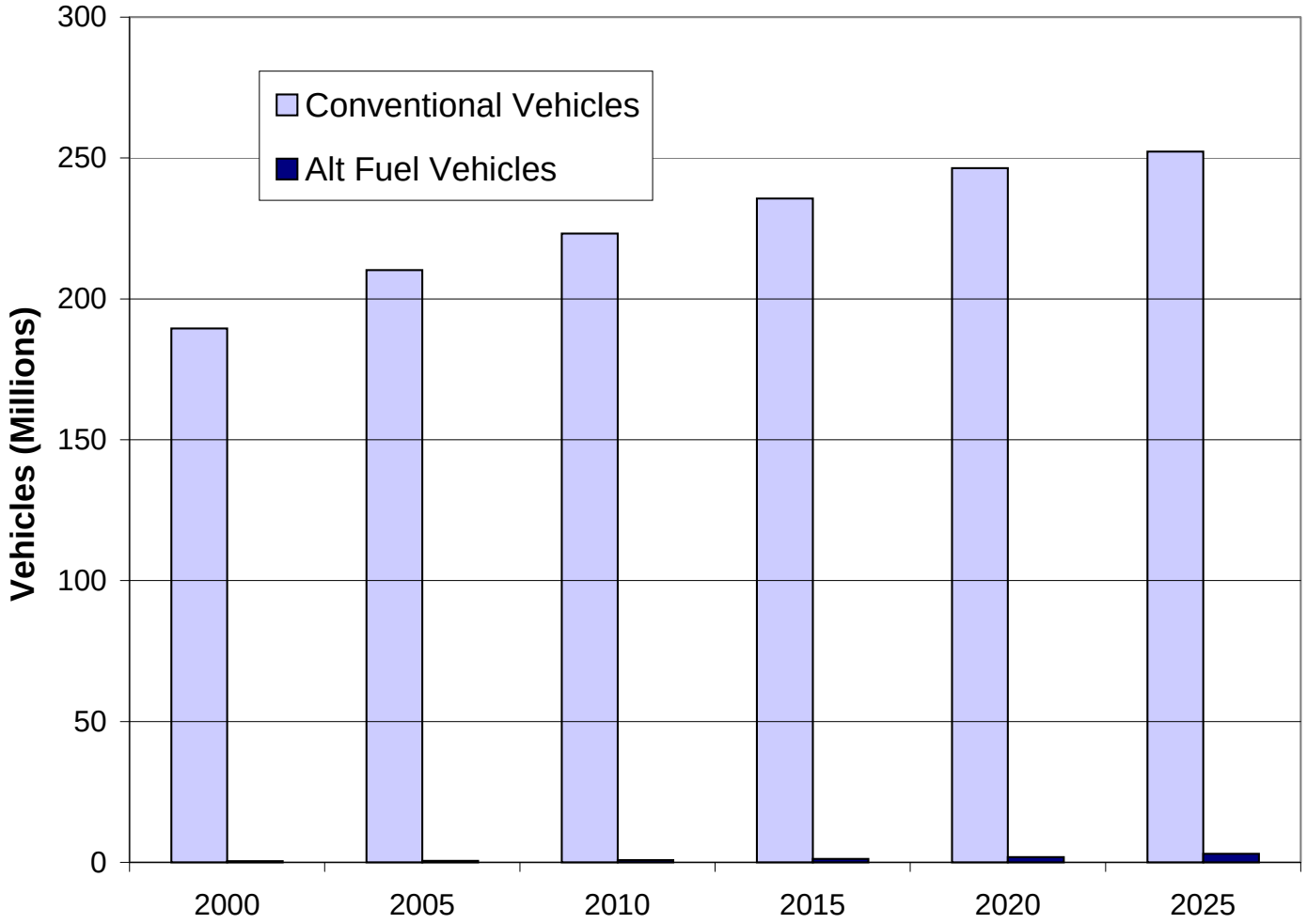
Clean Cities
Lessons Learned

- Integrated development of fuel infrastructure and vehicle sales for a given application is most effective
- Air quality is a strong driver in non-regulated fleets
- Program must be flexible to allow local solutions
- Human resources represented by 80 coalitions and 4,000 stakeholders is a strong implementation force and constituency

Clean Cities
Lessons Learned

- International markets are important, and even critical, to boost manufacturers' viability
- Bridging the gap between available technologies and demand in market requires technical, financial, and policy assistance
- Legislation and incentives to encourage the use of alternative fuels are essential

Even with growth over the next 20 years, AFVs alone won't have a significant impact on oil consumption



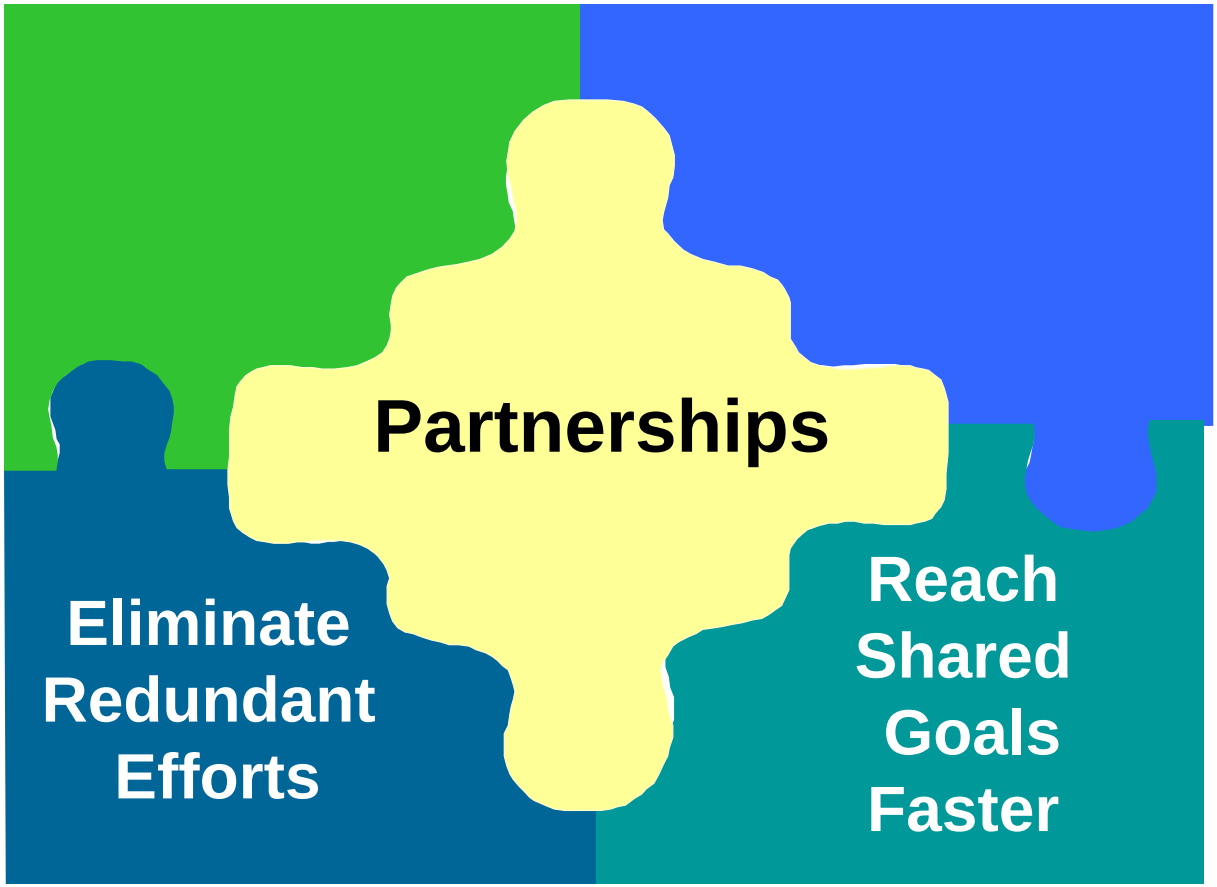
Expanded Portfolio of Technologies

A Technology Neutral Approach

- Encourage use of *Idle Reduction Technologies*
- Expand use of *Blends* (e.g., B20, E10, HCNG)
- Increase use of *Alternative Fuels*
- Accelerate Sales of *Hybrids*
- Promote informed consumer choice on *Fuel Economy*

Making the Whole Greater than the Sum of the Parts

Partnering with EPA and FHWA on Idle Reduction



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SEP Special Projects for FY 2004

- Funding: $5.0M
- Seven Categories
- Due March 29, March 31, April 2
- Located at https://e-center.doe.gov/iips

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Idle Reduction Technologies

- Estimated Funds Available: $200,000
- Estimated Number of Projects: 2
- Funding Ceilings/Expected Range of Funding: $100,000 maximum per project
- Cost Share: 50% non-Federal cost share with 30% of this amount in cash

Clean Cities
Ferry Demonstration

- Estimated Funds Available: $150,000
- Estimated Number of Projects: 1
- Funding Ceilings/Expected Range of Funding: Approx. $150,000; maximum per project $150,000 for the incremental cost of the ferry.
- Cost Share: 50% non-Federal cost share

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E-85 Fueling Network

- Estimated Funds Available: $1,100,000
- Estimated Number of Projects: 1
- Funding Ceilings/Expected Range of Funding: $1,100,000
- Cost Share: None

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Coalition Support

- Estimated Funds Available: $600,000
- Estimated Number of Projects: 30
- Funding Ceilings/Expected Range of Funding: Approx. $600,000; maximum per project $20,000
- Cost Share: 50% non-Federal cost share with 50% of this amount in cash

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Refueling Infrastructure

- Estimated Funds Available: $1,800,000
- Estimated Number of Projects: 7-12
- Funding Ceilings/Expected Range of Funding: $150,000 or $250,000 for "cluster" projects. (a "cluster" project contains a minimum of 3 commercial or "mini-fast-fill" refueling installations in a specific geographical area or 10 or more residential/home refueling devices in the same region)
- Cost Share: 30% non-Federal cost share with 50% of this amount in cash

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School Buses

- Estimated Funds Available: $750,000
- Estimated Number of Projects: 3-4
- Funding Ceilings/Expected Range of Funding: $200,000 maximum per project
- Cost Share: 20% non-Federal cost share with 20% of this amount in cash

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Niche Markets

- Estimated Funds Available: $1,500,000
- Estimated Number of Projects: 7-15
- Funding Ceilings/Expected Range of Funding: $100,000 for light-duty alternative fuel vehicles (AFVs), and $200,000 for medium and heavy-duty alternative fuel vehicles
- Cost Share: 30% non-Federal cost share of the incremental cost of the AFVs

Celebrate a Decade of National Clean Cities Conferences

10th National Clean Cities Conference and Expo
May 2–5, 2004

Clean Cities
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