



Advancing the Choice

A Decade of Making a Difference

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The Clean Energy Initiative

- Created in 1999
 - 5 year, \$160 million program
 - *Expanded in 2001 to \$170 million*
- Renewed in 2004
 - Ten year, \$355M effort
- Achieve energy and capacity savings
- Reduce electric bills
- Provide environmental benefits
- Stimulate local economy

CEI Program Mix

§ Residential

- § Lighting and Appliances
- § Cool Homes (HVAC)
- § Energy Affordability (REAP)
- § Solar Pioneer
- § Information/Education
- § New Construction (NY Energy Star)
- § Home Performance with Energy Star

§ Commercial

- § Commercial Construction
- § Retrofit Energy and Capacity (RECAP)
- § Peak Reduction
- § Resource Conservation Manager

§ Multi-Sector

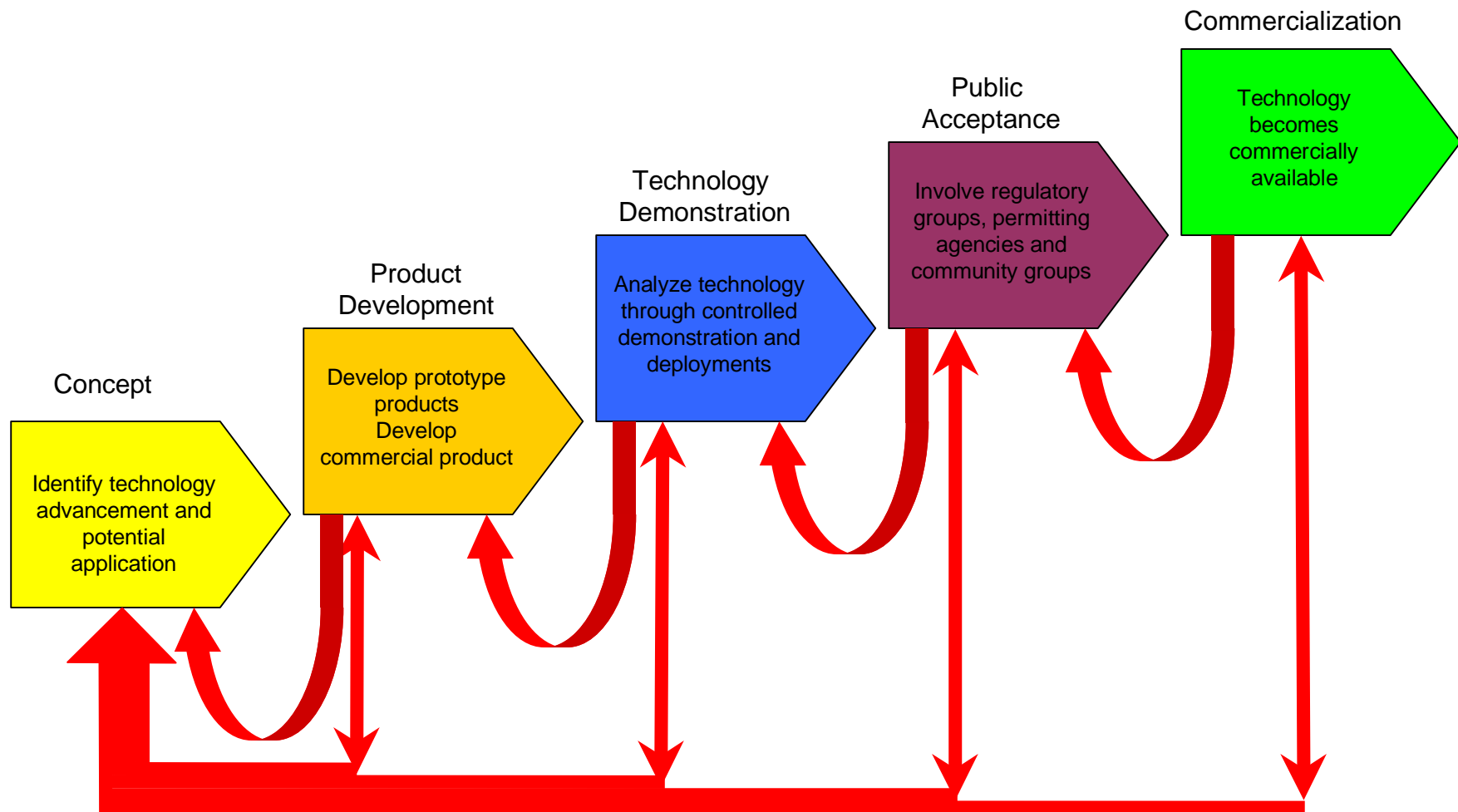
- § Customer Demand Management (LIPAedge)
- § Customer Driven Efficiency

§ Research Development and Demonstration

- § New energy efficient technologies
- § Development and demonstration of clean alternative generation and transportation technologies

More Choice...
Better Service!

R&D and Market Transformation



A History of Development

- **Electric Vehicle Assessment/Demonstration (16)**
 - Solectria, Ford Ranger, Hondas EV Plus
 - Chrysler EPIC, Toyota Rav4
- **Station Car/Neighborhood Vehicle Program (46 Ford Th!nk)**
- **Global Electric Motorcars (50 GEMs)**
- **Plug-in Hybrid Bus**
- **Fast battery charging**
- **Green Parks**
- **Hybrids (4 Prius' & Civics')**



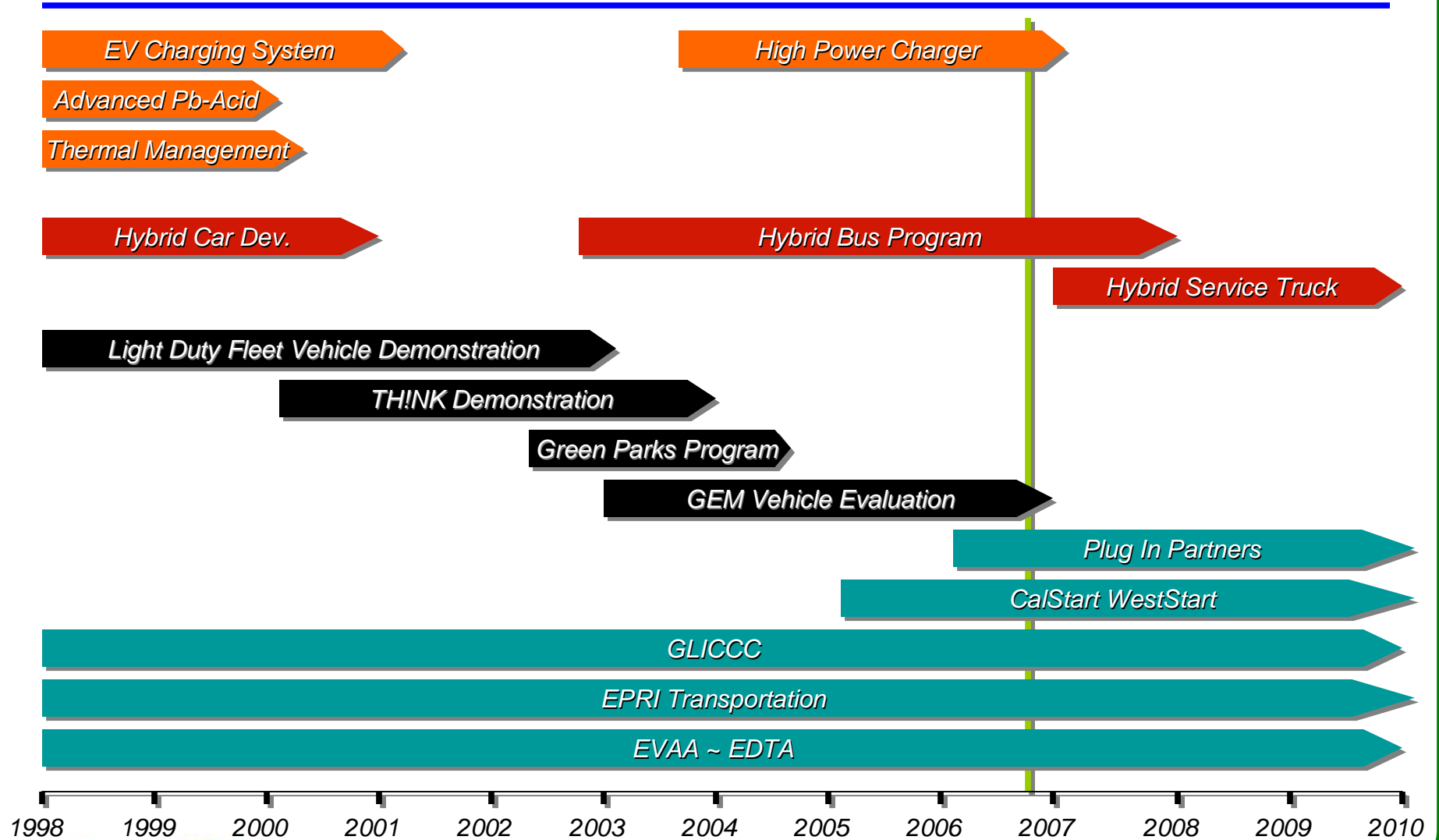
Objective & Strategy

- Partnership with Organizations
 - EPRI
 - GLICCC
 - EDTA
 - Plug-In Partners
- Vehicle Development
- Public Acceptance & Education
- Investigate Infrastructure Issues



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Progression Chart



Lessons Learned / What's Next

- **Successes & Lesson Learned**
 - **Battery EV's serve niche market**
 - **Dependent upon**
 - Use
 - battery storage/cost
 - recharging time
 - **Range/cost is key issue with consumers**

- **Future Efforts**
 - **Medium and Heavy Duty Hybrid Vehicles**
 - Hybrid bus (generic power train)
 - Hybrid bucket truck
 - **Plug-In Vehicles**
 - **Fuel Cell Car/Bus/Truck**

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