

YELLOW CAB is going GREEN



Presented by Jack Bewley, President

Background

- ▶ One of the nations largest integrated transportation companies
- ▶ Critical diversity of vehicles in marketplace for regional transportation
- ▶ Study by City of Fort Worth, Yellow Cab provides approximately 2.2 million dispatch and contract trips per year in addition to flag downs



Taxicabs

- ▶ All about driving
 - Where
 - How many miles
 - What type of driving
 - How many passengers
 - Spend a lot of time idling
- ▶ Using the right tool for the right job is efficient



Effects of Internal-Combustion engines

- ▶ Global warming
 - Transportation is 2nd only to building energy use as source of greenhouse gas emissions raising Earth's temperature and changing climates
 - Motor vehicles emit 3 major greenhouse gases
 - Carbon dioxide
 - Nitrous oxide
 - Methane
 - Higher air toxicities



Move towards hybrids

- ▶ Reduce gasoline use
- ▶ Reduce pollution (exhaust and noise)
- ▶ Improve the quality of vehicles (newer model years)
- ▶ Yellow Cab began the pilot program in 2008 with the 1st hybrid, now up 25 Toyota Camry hybrids.



Hybrids stop/start feature

- ▶ LESS idling – the hybrids essentially shut down when they are idling
- ▶ LESS emissions – will produce less than two (2) existing internal-combustion engine cabs
- ▶ LESS waste



Saving of CO₂

Fuel Type	Annual Miles Driven	MPG	Gallons of Gas
Gas Fuel	80,000	20	4,000 gallons gas
Hybrid	80,000	34	<u>-2,353 gallons gas</u>
Total savings of gasoline			1,647 gallons gas
CO ₂ produced per gallon of gasoline			<u>x 20 pounds</u>
Total CO ₂ NOT produced			32,940 pounds per gallons annually



Use of hybrids

- ▶ The T, Fort Worth, Mobility Impaired Transportation Service (MITS)
- ▶ Health and Human Services Commission (HHSC), Medical Transportation Service (Medicaid)
- ▶ City of Arlington, Handitran Service
- ▶ Proposing to work with DART in their innovative services
- ▶ Partner with Dallas Sustainable Skyline



Uses to Make Metroplex Greener

- ▶ Front of line loading privileges at:
 - DFW Airport
 - LOVE Field Airport
 - Taxi Stands
- ▶ Metroplex is a non-attainable area

