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Energy Efficiency
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Clean Cities Spotlight: The I-10 Clean Corridor Project

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BLUE SKYWAYS
COLLABORATIVE



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What is a Clean Corridor?

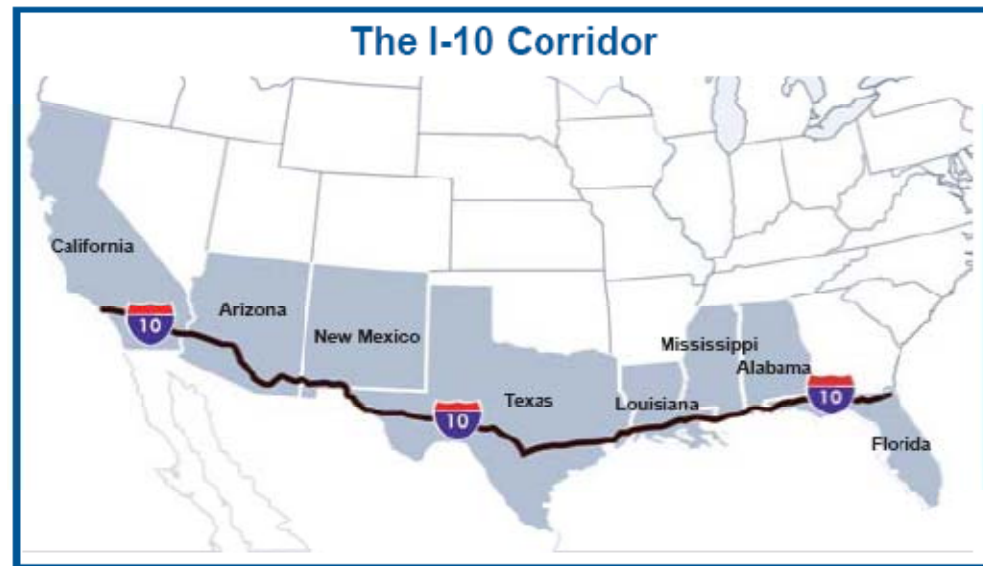
- A Clean Corridor is a highway on which motorists and fleets can find and purchase clean burning alternative fuels
 - Biodiesel
 - Ethanol
 - Natural Gas
 - Propane
- A Clean Corridor also offers idle reduction technologies to long-distance freight delivery vehicles
 - Truck Stop Electrification
 - On-board idle reduction technologies
 - Idle reduction policies





Why an I-10 Clean Corridor?

- I-10 stretches coast to coast, spanning eight states and several major metropolitan areas
 - Los Angeles, CA
 - Phoenix, AZ
 - Tucson, AZ
 - Las Cruces, NM
 - El Paso, TX
 - San Antonio, TX
 - Houston, TX
 - Baton Rouge, LA
 - Mobile, AL
 - Tallahassee, FL
 - Jacksonville, FL



Entire I-10 Corridor is 2,500 miles with approximately 700 miles traversing through urban areas



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Why an I-10 Clean Corridor?

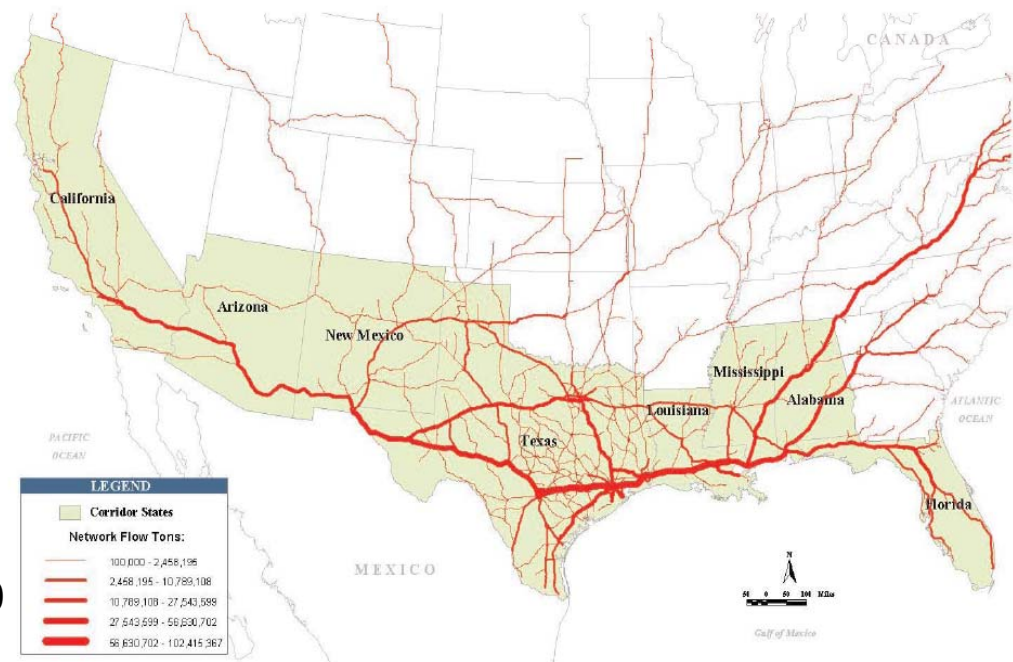
- Economic importance
 - Corridor of the Future
 - Federal Highway Administration
 - Congestion mitigation
 - Estimated impact of freight transport along corridor is \$1.5 trillion/year
- I-10 connects key international ports
 - Includes two of the nation's largest container and bulk ports
 - Long Beach
 - Houston
 - Includes all of the U.S./Mexico border gateways
 - International trade moving through Texas is expected to grow at a faster pace than domestic trade over the next 20 years
 - U.S.-Mexico trade crossing the state's numerous border facilities will be one of the fastest growing segments



Why an I-10 Clean Corridor?

- Traffic along the I-10 Corridor is expected to grow significantly by 2025
 - Automotive travel is expected to grow by **62%**
 - Truck travel is expected to grow by **118%**
- As of 2005, 53% of urban segments experienced heavy congestion
- **By 2035, 96% of urban segments expected to experience heavy congestion**
 - Non-urban increases from 4% to 45%
- Average daily traffic throughout corridor is over 41,000 with a maximum over 300,000
- By 2035, average daily traffic will be over 85,000
 - Includes over 20,000 trucks

NETWORK DISTRIBUTION OF I-10 TRUCK FLOWS - TEXAS



www.i10freightstudy.org



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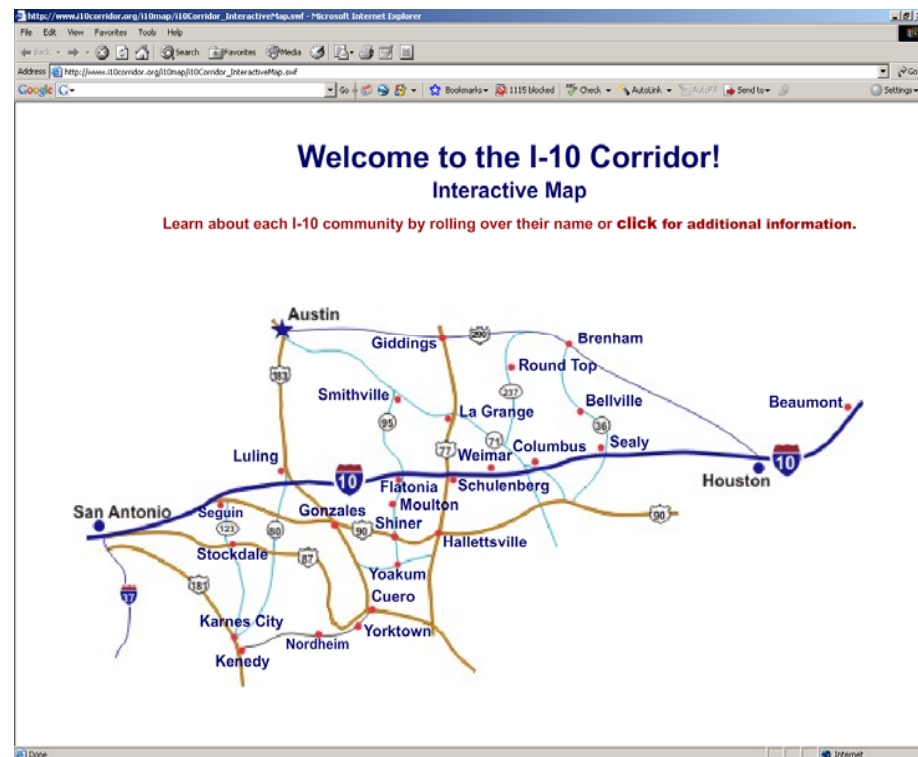
Blue Skyways Collaborative Involvement

- Blue Skyways partners' participation is critical for this project
 - Largest span of corridor is within Blue Skyways States
 - Project cannot happen without the participation of Blue Skyways and Clean Cities Stakeholders
- Project benefits
 - Reduction in mobile source emissions
 - Transport and localized
 - Reduction in petroleum consumption
 - Clean Cities goal
 - Increased business opportunities
 - Opportunities for large and small private entities
 - Rural and metropolitan areas
 - Opportunities for public organizations
 - Increase through-put, additional revenue stream



Next Steps

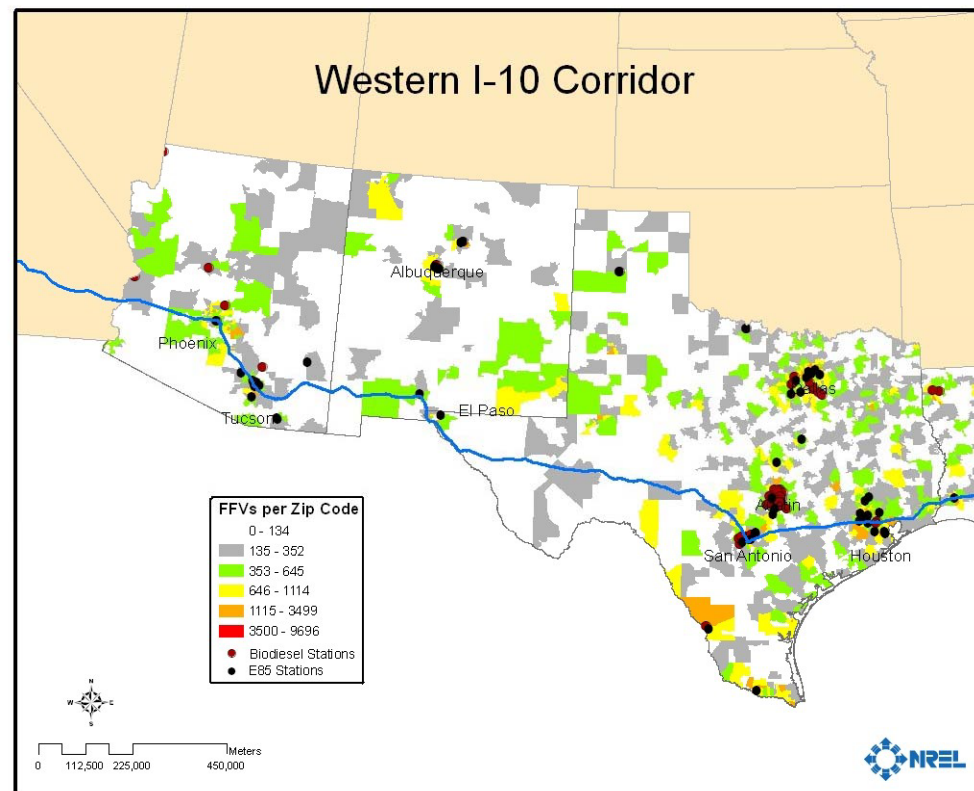
- Identify project partners
 - Blue Skyways Subcommittees
 - Fuels
 - On-road
 - Outreach
 - Local Buy-In
 - Cities along corridor
 - State Agencies
 - Texas
 - New Mexico
 - Louisiana
 - Federal Support
 - Fleets, GSA
 - Private Investment
 - Business and special interest





Next Steps

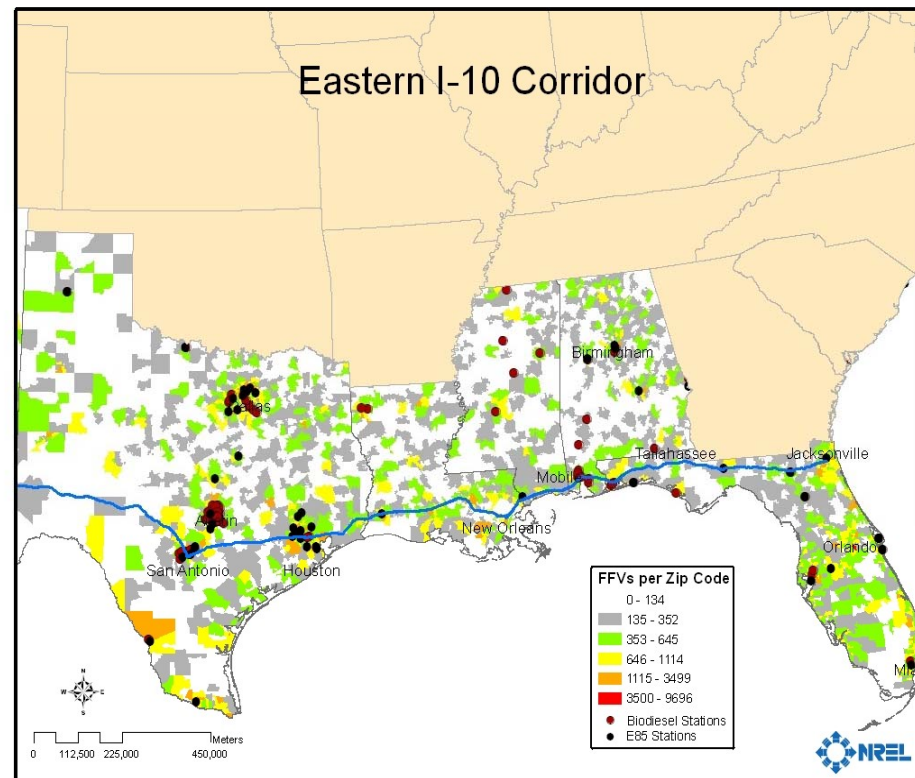
- Identify target locations
 - “Fill in the gaps”
 - 100 miles?
 - Consumer demand
 - Local and pass-through
 - Air quality issues
 - Emissions Inventories
- Secure funding
 - Must provide incentives
 - Call for projects
 - Fuel / technology ranking?





Next Steps

- Marketing Campaign
 - Business case
 - Increase customer base
 - NREL E-85 Business Case
 - National recognition
 - Greater exposure
 - Local markets highlighted
 - Address travelers' preferences
 - Environmental benefits
 - Control strategies





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Become a Part of the I-10 Corridor Project

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