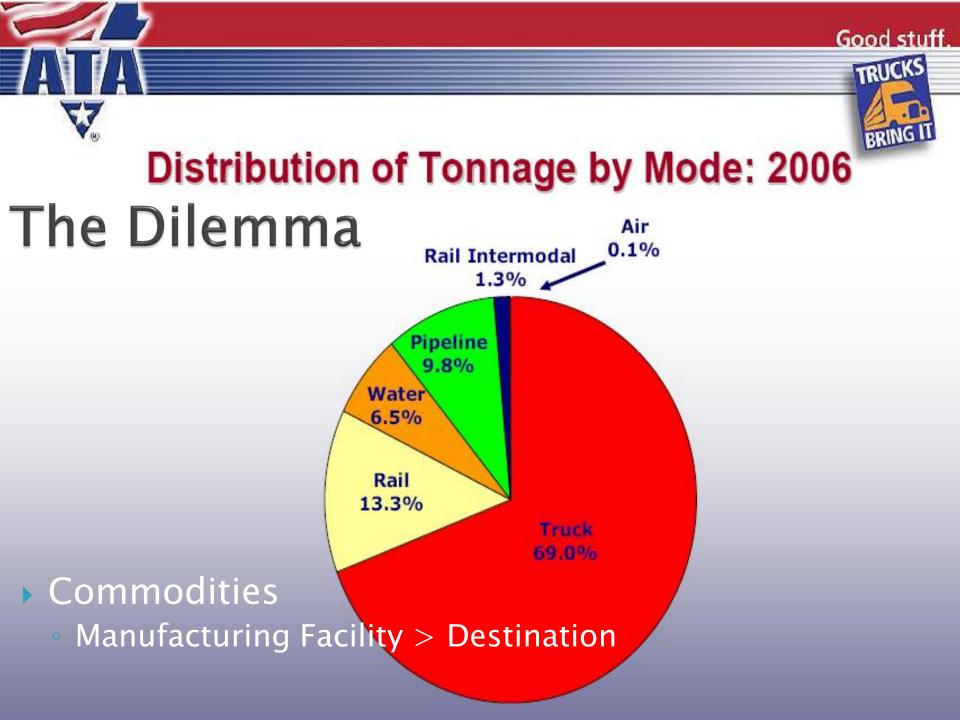
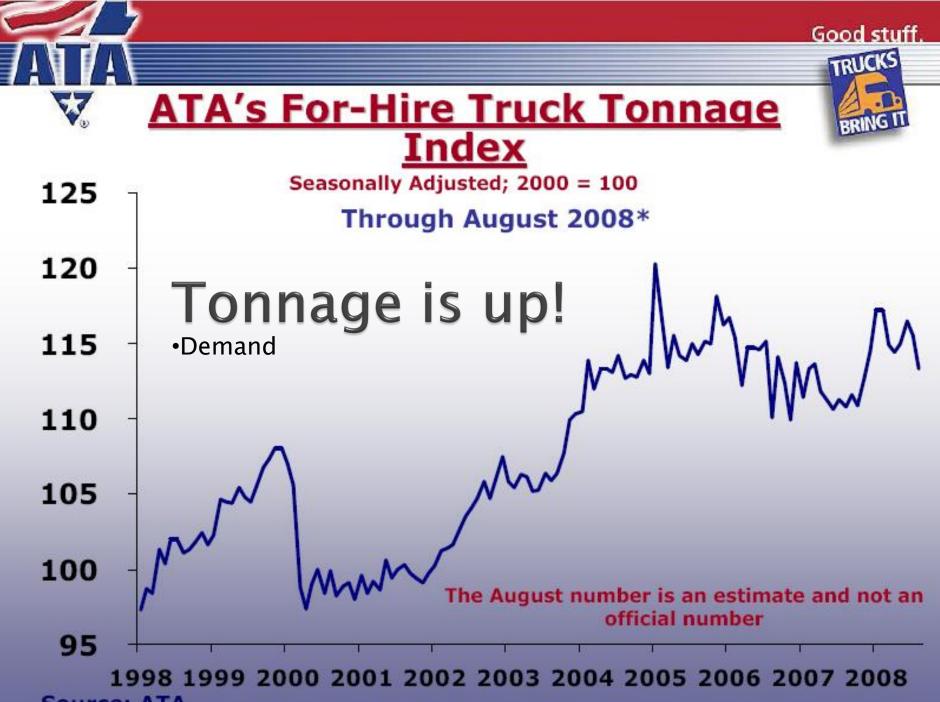
Rail Freight Density (Tons)

IPRO - 307 Intermodal Container Transport System Solutions for Chicago





Source: ATA



Source: Avondale Partners, LLC

Goal: +50% ~ 10 YRS

- Trucking Fleet is Down
 - –2.6% in 2007
 - -1.3% in 1st Half of 2008

Available Truckers

- Life Style
- Hours of service regulations
 - 11 ON 10 OFF (60Max per week)
- New York Times (Dec. '06)
 - America's most treacherous industry

Slip Seating

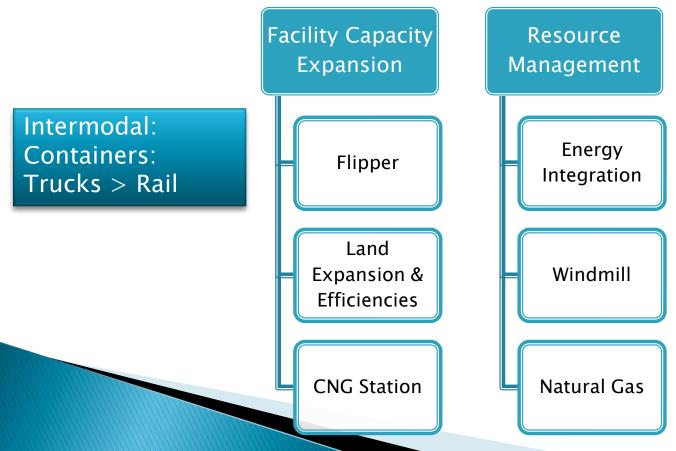
Living in some one else's bed. {Slip Seating is...}
 <u>Capacity needs to improve in order to meet the demand</u>

But...



+50% Capacity = +50% Pollution

"Increase the capacity with out increasing the pollution"



Norfolk Southern Yard Visit Preliminary Investigation

- Gathered Hard Data
- Discussed Future Projections
 - 5yr Plan
- Observed Processes



General Yard Layout
 & Functions



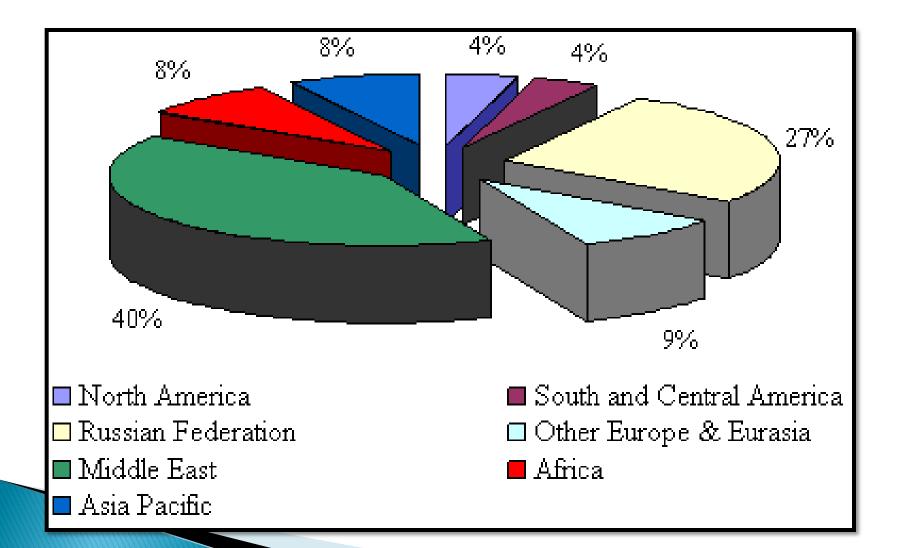
Fuel in Question

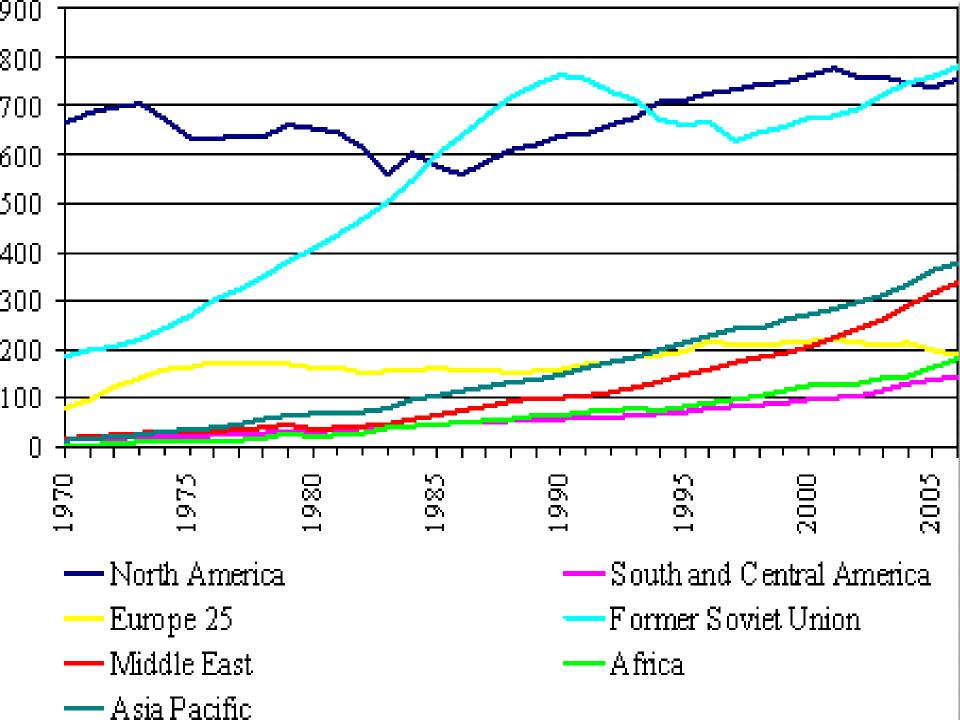
- Diesel
 - Cost of refinement
 Truck
- Bio Fuel
 Not readily available
 Truck
- LNG

 Cost of production
- <u>CNG</u>

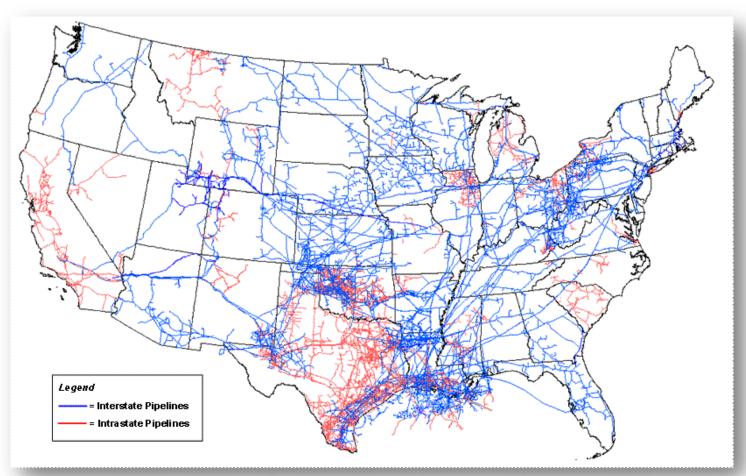
Is it readily available? Will it minimize disruption?

Natural Gas





Pipelines



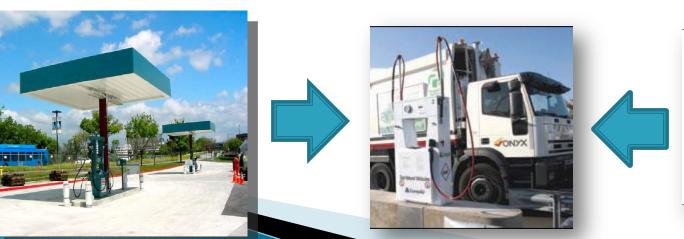
Source: Energy Information Administration, Office of Oil & Gas, Natural Gas Division, Gas Transportation Information System

CNG Station

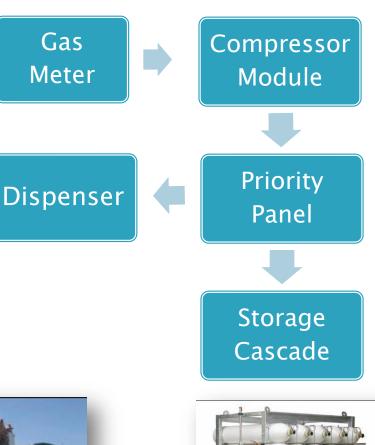
LNG vs. CNG

Benefits:

- Road Tax License
- No Interference
- Very Very Available
- Rebates



Gas Inlet

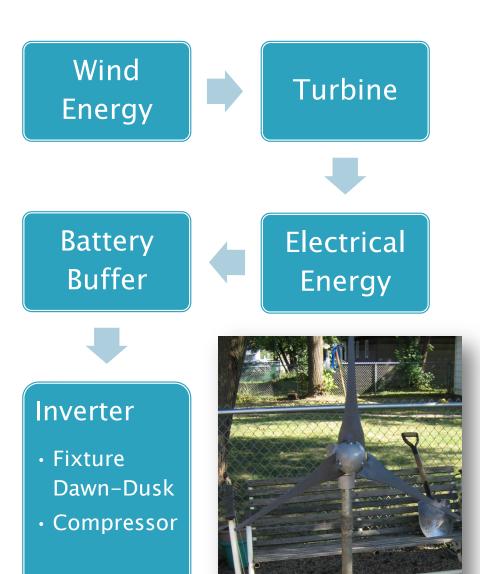




Windmill

Integration:

- Light Towers
 - Power Lights
 - 100ft



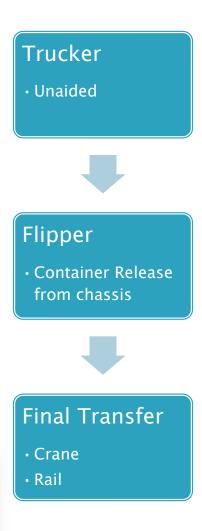
Display: Black Light Fixture Florescent Paint

Reducing Idle Time

Flipper:

- Slip Seating Improvement
 - Live in your own bed!
- Crane Operation
- Live Lift (Ideal)
 - Next best thing
- Overall Improvement in Efficiency!
- Floored Parking
 - Not feasible
 - Cost & Strength

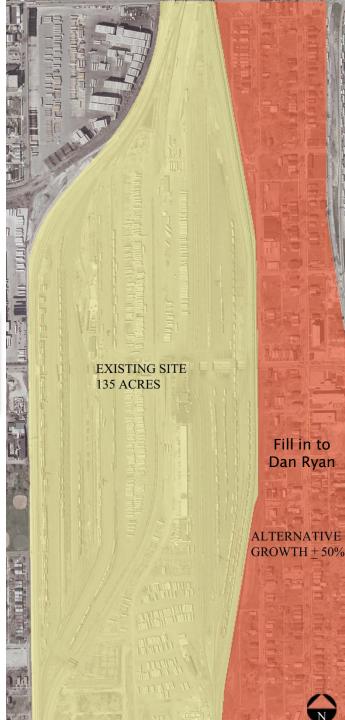




Horizontal Expansion



Limited Expansion!



Thanks To:

- MiJack (Sponsor)
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- •Advisors:
 - Laurence Rohter, P.E.Peter MirabellaProfessor Sid Guralnick



Questions? Fin