



Westport Innovations Inc.

- World leader in gaseous-fueled engine technology (CNG, LNG, Biogas, LPG & H2)
 - 20,000+ engines in 35 countries: cities including Beijing,
 Washington, Los Angeles, San Diego, Sacramento,
 Washington DC, Boston, Paris, Moscow, Delhi
 - More than 50 OEM vehicle manufacturers in 20 countries offer our engines
- Revenues: Approx. \$(C)70 million
- Market Cap US\$280 million
- 250 employees



Deloitte.
Technology Fast 50

#2 Fastest Growing in North America

#1 Fastest Growing in Canada











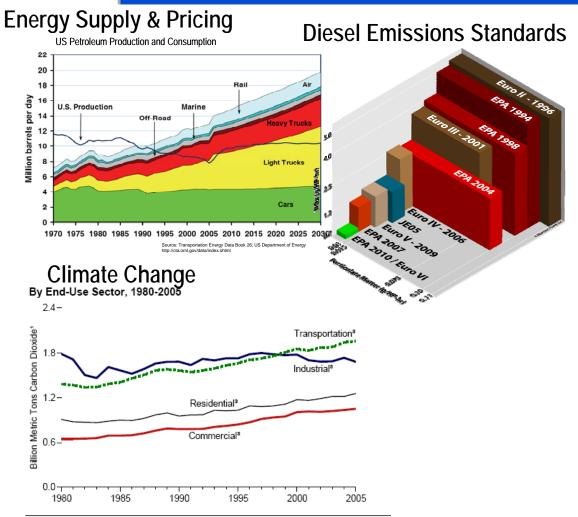








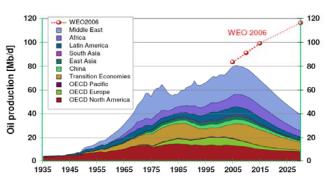
Why Alternate Fuels?



¹ Metric tons of carbon dioxide can be converted to metric tons of carbon equivalent by multiplying by 12/44.

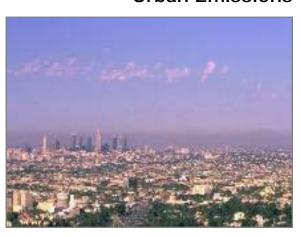
Energy Security

Forecasts of oil supply and demand



Source: Energy Watch Group Oct 2007

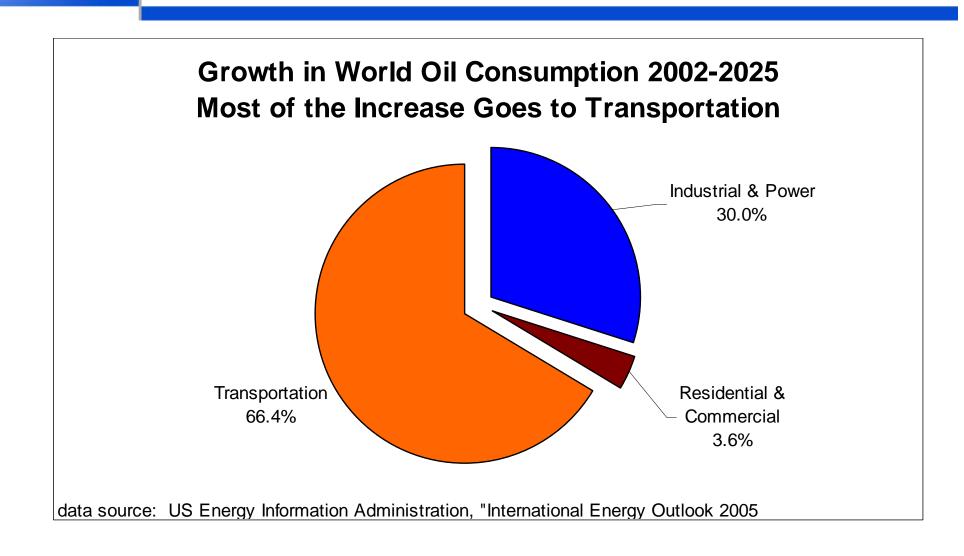
Urban Emissions



² Based on chained (2000) dollars.



Most of the Increase (2002-2025) in World Oil Consumption Is Driven By Transportation



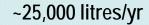


Westport Our Global Focus

Large Fuel Use Fleets

- Westport is focusing on the largest users of diesel fuel – greater fuel cost savings
- Urban Fleets such as buses and work trucks
- Class 8 Heavy Duty Highway trucks
- Mine trucks and other offroad applications
- Minimal Infrastructure requirements







~40,000 litres/yr



~80,000 litres/yr



~1,000,000 litres/yr



~2,500 litres/yr



Westport LNG Heavy Duty Trucks: Diesel Performance using LNG

- Tight geographic market focus
 - California, Texas
 - Ports of Los Angeles & Long Beach
 - First sales in Australia in 2007
- Production of "upfit" service in 2008
- Kenworth factory assembled T800 available in 2009
- Continued "upfit" production with other OEM compatibility
- Early adopting customers:



News Release

Kenworth to produce Liquefied Natural Gas Vehicles
Westport to supply LNG fuel systems
through new assembly centre in British Columbia

FOR IMMEDIATE RELEASE - January 24, 2008

VANCOUVER, BC and KIRKLAND, WA – Kenworth Truck Company will expand its presence in the growing market for environmentally friendly, liqueted natural gas (LNG) vehicles by beginning production of Kenworth T800 LNG trucks at its manufacturing facility in Renton, Washington, in 2009. Under an exclusive agreement with Westport Innovations Inc. (TSX:WPT), Kenworth will use Westport's LNG fuel system technology adapted for the Cummins ISX-15-liter engine.





















HPDI Technology

- Pilot diesel injected just prior to natural gas to provide energy for auto-ignition of gas injection
- Natural gas injected at high pressure at end of compression stroke (no pre-mixed air/fuel)
- Low diesel usage under all conditions
 - Average of about 5% diesel over vehicle operating cycle
- Diesel engine performance remains
 - Same high power and torque
 - Same or higher efficiency



- Typical Emission Reductions
 - 40-50% lower NOx
 - 70-80% lower PM
 - 20-25% lower GHG



HPDI System

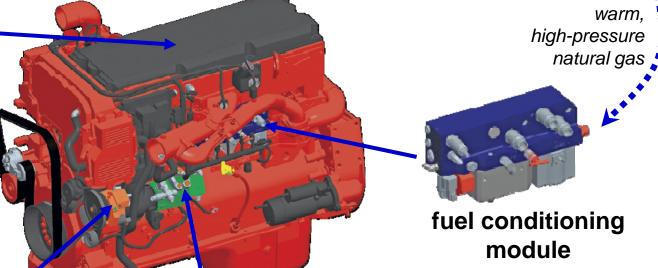


fuel injectors (under valve cover)

Common-rail diesel fuel pump



LNG tank and pump (chassis mounted)



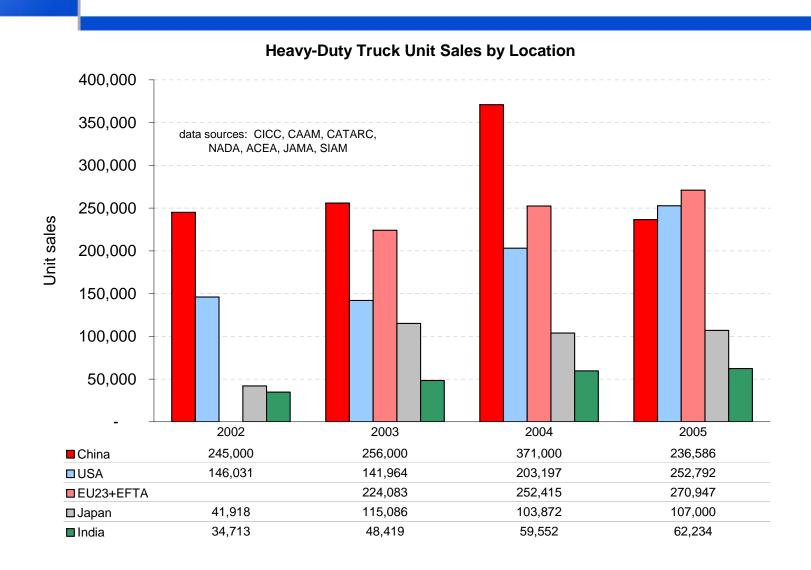
hydraulic pump (drives LNG Pump)



control units (chassis mounted)



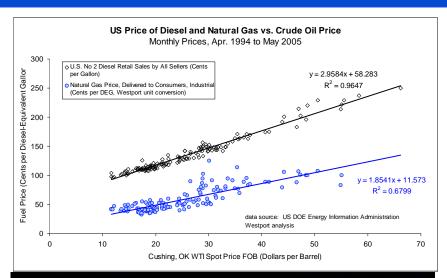
China is worlds largest heavy-duty truck market





Natural Gas is viable Transportation Fuel for China

- The growing price difference between oil based fuels and natural gas is now providing a strong case for the economics of using NG
- Up to 12+ LNG terminals in China by 2020 or sooner
- CNOOC, Dapeng and Guangzhou Gas, Shenzhen Gas have all shown high interest in selling LNG into non-power markets

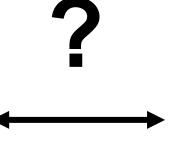






"Our Dilemma"









"Our Dilemma"











"Our Solution"

Collaborative Market Development

Supply

- 1. Identify the major players
 - a. CNOOC
 - b. Guangzhou Gas
 - CO BP
 - d. Shenzhen Gas
 - e. Dapeng Terminal
- 2. Demonstrate our Value
 - a. Build Relationships

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- b. North American Experience
- c. LCNG Station Design
- d. Demonstration Projects
- e. Feasibility Studies
- 3. Construct LNG Infrastructure
 - a. Station Design Collaboration
 - b. Structure of Cooperation (e.g. PPP)
 - c. Attract Investment
 - d. Government Subsidies

Demand

- 1. Develor in the date Den
 - a. Work Closely with Partners
 - b. Focus where Gas is available today
 - c. Promote Adoption of LNG 'Fuel Systems'
- 2. Develop Fleer portunities
 - a. Key East China Cities
 - b. Port Cities
 - c. Trucking Corridors
 - d. Government Subsidies
- 3. HPDI 'Made in China'
 - a. Establish JV with Engine OEM
 - b. 'Fast track' HPDLin China
 - c. Dialogue with an players
 - d. Government grants and policy

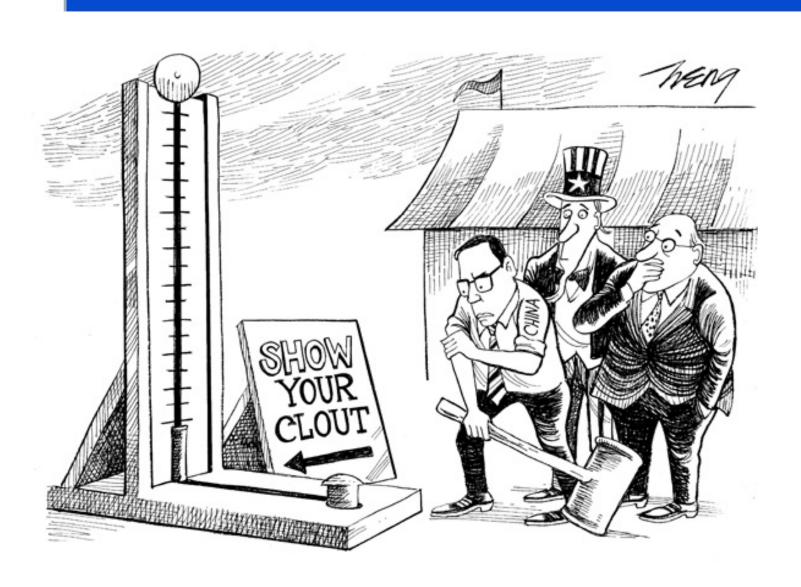




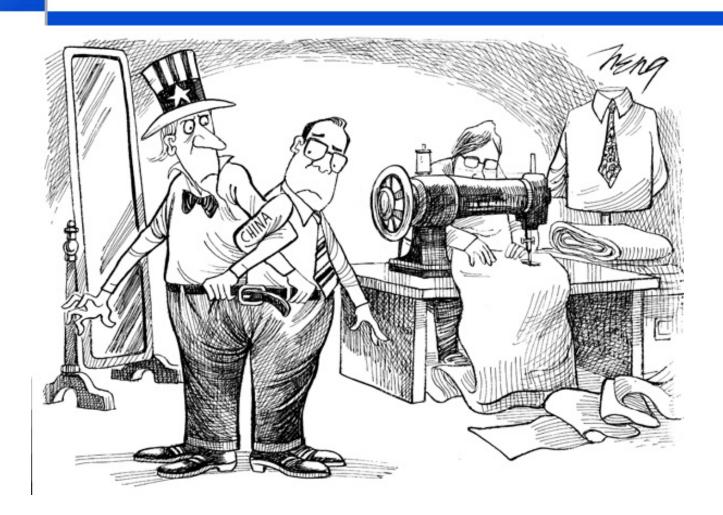














Thank you

www.westport.com