



Advanced Transportation Technology Center

Linn-Benton Community College

The purpose

- “Meeting industry, workforce, community & student needs through:

- Training and education
- Fleet conversion (CNG, propane)
- Commercial fueling
- Innovation Center – research and training



The project

- 11.03 acre property in Lebanon Oregon – Nov. 2012 purchase
- Remodel existing 35,000' building – auto technologies and alternate fuels – Sept. 2013
- Construction of 15,000' innovation center - in design
- Construction of 20,000' heavy Equipment/Diesel/trucking program (new) - in design
- Plan is to significantly increase enrollment in all programs by AY 17/18

The funding:

Gifts & Pledges to date \$7+ million

- Anonymous Donor
- EDA (Federal Economic Dev. Admin)
- City of Lebanon
- State of Oregon
- Meyer Trust
- Snap-On Industrial
- Pacific Propane Gas Association
- LBCC Foundation
- Lebanon Industrial Development Corp
- Drive Oregon
- Consumers Power
- Central Willamette Credit Union
- Nissan
- Pacific Power
- NW Natural
- Pape'
- Co-Energy Propane
- Pape' Machinery
- LKQ
- John and Phil's Toyota
- Misc. Private gifts

Training and Education

- Degree seeking students
 - CNG
 - Propane
 - Electrics
- Incumbent worker
 - NC3 – Train the Trainer – July 2014
 - 3 day Light duty CNG - March 17-19
 - 2 day CNG fuel system inspector class - March 20 and 21 – more info is available

Fuel system conversions:

- PPGA partnership – F-550, F-350, Chevy Caprice, Chevy Yukon
- Benton County Sheriff department partnership
- Demonstration projects capability
- Fleet partnerships
- DEQ – vehicle rehabilitation



Public Fueling

- On-site alternative fueling capacity
 - electric
 - Fast charger
 - propane
 - 1000gal capacity
 - compressed natural gas (CNG)
 - on-site commercial fueling station (in development)
 - Time fill – fuel maker available now

Fueling continued

- Fleet vehicle fueling
 - propane
 - CNG
 - Research indicates that some fleets are converting to alternately fueled vehicles
 - ability to annually lock in fueling prices
 - Cost saving on fuel and maintenance
 - Meets EPA standards
 - Clean, Green(\$), USA energy independence

Innovation center

- Industry training space
 - fully equipped
 - including specialized tools
 - office space provided
 - can handle up to a class 8 vehicle
 - Demonstration projects
 - Education partner with fleet operations

Innovation center (cont)

- Research and training facility
 - Available for research and industry partnership
 - Performance testing dynamometers (Dyno)
 - Auto chassis Dyno w/ electric vehicle capability
 - 3-point Dyno for tractors
 - class 8 chassis Dyno
 - university training consortium (UTC)
 - Research project OIT, PSU,

Domino effect

- Vacated space on LBCC main Campus will be upgraded for:
 - Mechatronics
 - Welding
 - Machine Tool
- The LBCC commitment to support of the industrial economy of Linn County

Thank You!

- Gary Price: ATTC Director
- priceg@linnbenton.edu