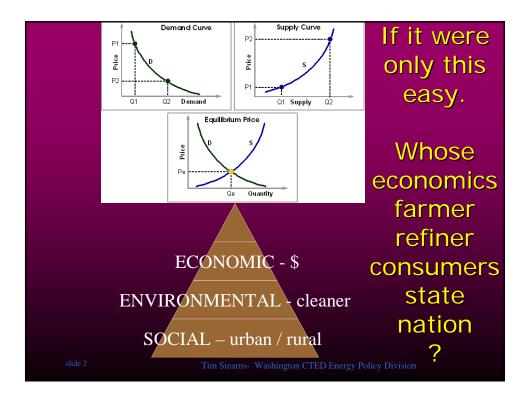


Tim Stearns Energy Policy Division WA Department of Community, Trade & Economic Development 206-256-6121 tims@cted.wa.gov



context

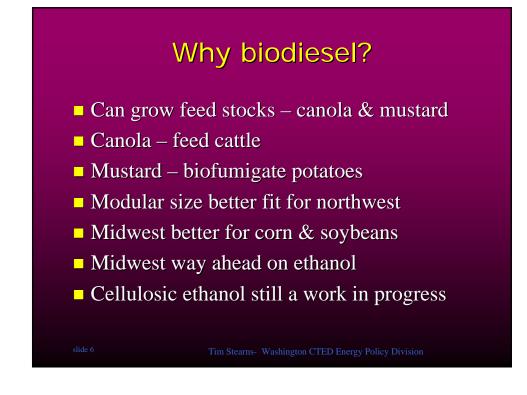
- 1 billion gallons distillate fuels use in WA
- 6.5 gallon of gasoline per year
- Growing world demand for oil 70 mbd
- 3 gallons per day per person US 20 mbd
- Oil Supply peaking new price level
- Demand will double in 50 years
- Large pollution challenge air & water
- Diversify rural economies
- All imported to state



Biofuels – the value chain

- Grow seed harvest store
- Crushing
 - Oil fuel
 - feed canola 250k cows in Yakima valley
 - Fumigants- mustard rotation with potatoes
- Processing biodiesel & 10% glycerin
- Refining lubricants
- distribution retailing marketing

Tim Stearns- Washington CTED Energy Policy Division



Washington State Policy

- Lead with government usage
- Clear permitting path
- Coordinate agencies
- Improve financing climate public/private
- Can't control markets for ag or oil
- Can't control farmers or entrepreneurs
- Work with existing infrastructure
- Structure market to expand production
- Quality quality quality
- It will be hard but worth it let's make money

Tim Stearns- Washington CTED Energy Policy Division

