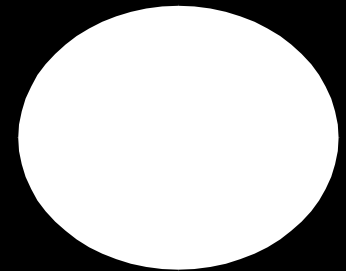
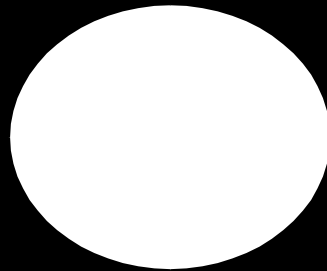
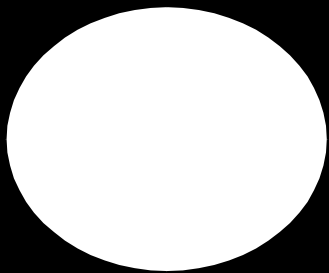


APEC EGNRET
Member Economy
Presentation
Hong Kong, China



Alternative Transport Fuels

- ❖ No specific definition
- ❖ Auto-LPG is currently being used as an alternative transport fuel
- ❖ Interest in research and development activities related to the use of hydrogen and CNG as alternative transport fuels

Background of LPG Vehicle Scheme (1)

- ❖ Air pollution has become an issue attracting wide public concern
- ❖ Replace diesel vehicles with vehicles using cleaner fuel is one of the measures to alleviate the air pollution problem
- ❖ Liquefied petroleum gas (LPG) was considered a readily available replacement for diesel

Background of LPG Vehicle Scheme (2)

- ❖ Trail run of 30 LPG taxis in 1997 for a period of one year to collect necessary operational data to assess the feasibility and effectiveness of using LPG taxis in improving air quality
- ❖ Carried out a quantitative risk assessment study to assess the risk levels of LPG vehicles

Policy Address in 1999

- ❖ Required all new taxis to use LPG as its fuel from 2001 onwards
- ❖ Required all diesel taxis to be replaced with LPG ones by end 2005

LPG Vehicle Initiative (1)

- ❖ Provision of financial incentive to encourage diesel taxi owners for early replacement
- ❖ Type approval given to 4 LPG taxi models
- ❖ The auto-LPG price, which is duty free, is subject to a price cap

LPG Vehicle Initiative (2)

- ❖ Installed 44 LPG filling stations to provide sufficient capacity for all the 18,000 taxis
- ❖ Provision of 24 approved LPG vehicle workshops to support the related repair and maintenance services
- ❖ Set up courses to train qualified mechanics on LPG vehicle servicing

LPG Filling Station

- ❖ Approvals by the Gas Authority is required of its construction and use
- ❖ All operators of the stations and LPG road tankers must receive proper training as well as emergency response

Conclusion

- ❖ Over 17,000 LPG taxis are now running on road, representing over 90% of the entire 18,000 strong taxi fleet
- ❖ An incentive scheme is also in operation to encourage diesel light buses to be replaced by LPG or electric light buses
- ❖ Over 1,300 light buses had been converted to LPG by the end of 2004

**End of
Presentation**

