Alternative Transport Fuels,

Implementation Guidelines

EGNRET 32 Project Workshop

1 April, 2009

Honolulu, Hawaii, USA



APEC



Coverage

- Implementation Experience,
- Implementation Policies,
- Case Studies.
- Lessons learned

The Study Results

Alternative Transport Fuel Classifications

Classification by Infrastructure requirements

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- Gaseous Fuels:
 - CNG, LNG, LPG, Biomethane,
- Alcohol Fuels:
 - Ethanol & Methanol,
- System Compatible Fuels:
 - Biodiesel, Synthetic Gasoline and Diesel,
- Electricity

Refuelling System Costs predominate



Coverage

Lessons Learned

Lessons Learned

No Universal model,

Government involvement essential:

Must have a Champion

Developing economies have often done better!

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Standards, Codes and Regulations early,

Incentive policies required:

• Fuel price manipulation very effective

Don't "over cook" the market!

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Lessons Learned (continued)

High fuel use fleets are prime targets:

Government fleets

Consumers require < 2 year payback,

High technical quality necessary:

Early involvement of OEMs,

Incentives phased out once market established,

Maintenance of Consumer Confidence:

• It was lost in New Zealand,



Thank You!