GAS RECOVERY/FLARE MANAGEMENT & CLEAN FUEL

Fuel Quality Roadmap
Saudi Aramco Fuel Quality Roadmap

Objective

- Improve the quality of the environment and protect human health
- Ensure fuel compatibility with future automotive engine technology
- Conform to Environmental Master Plan endorsed in 2004
Fuel Quality Program

- Volatility Controls & Oxygenate Introduction
- Initial Benzene & Sulfur Reduction
- Olefin & Aromatic Content Limits
- Sulfur Elimination & Additional Composition Controls

CLEAN FUELS
KSA Air Quality Concerns

- 1998 field tests by KFUPM showed the transport sector is a significant contributor to air pollution.
- Strong correlations found between CO and NOx concentrations and traffic density
Systems Approach

Key actions that deliver greatest results to reduce pollution from vehicles

- Ensure vehicles meet effective emission standards when they first enter the market
- Retrofit programs for older vehicles
- Develop clean fuels