

# **Meeting the Energy Challenge**

## ***An International Operator's Perspective***

**Gaurdie Banister**  
Vice President Technical Asia Pacific,  
Shell Exploration & Production International Ltd

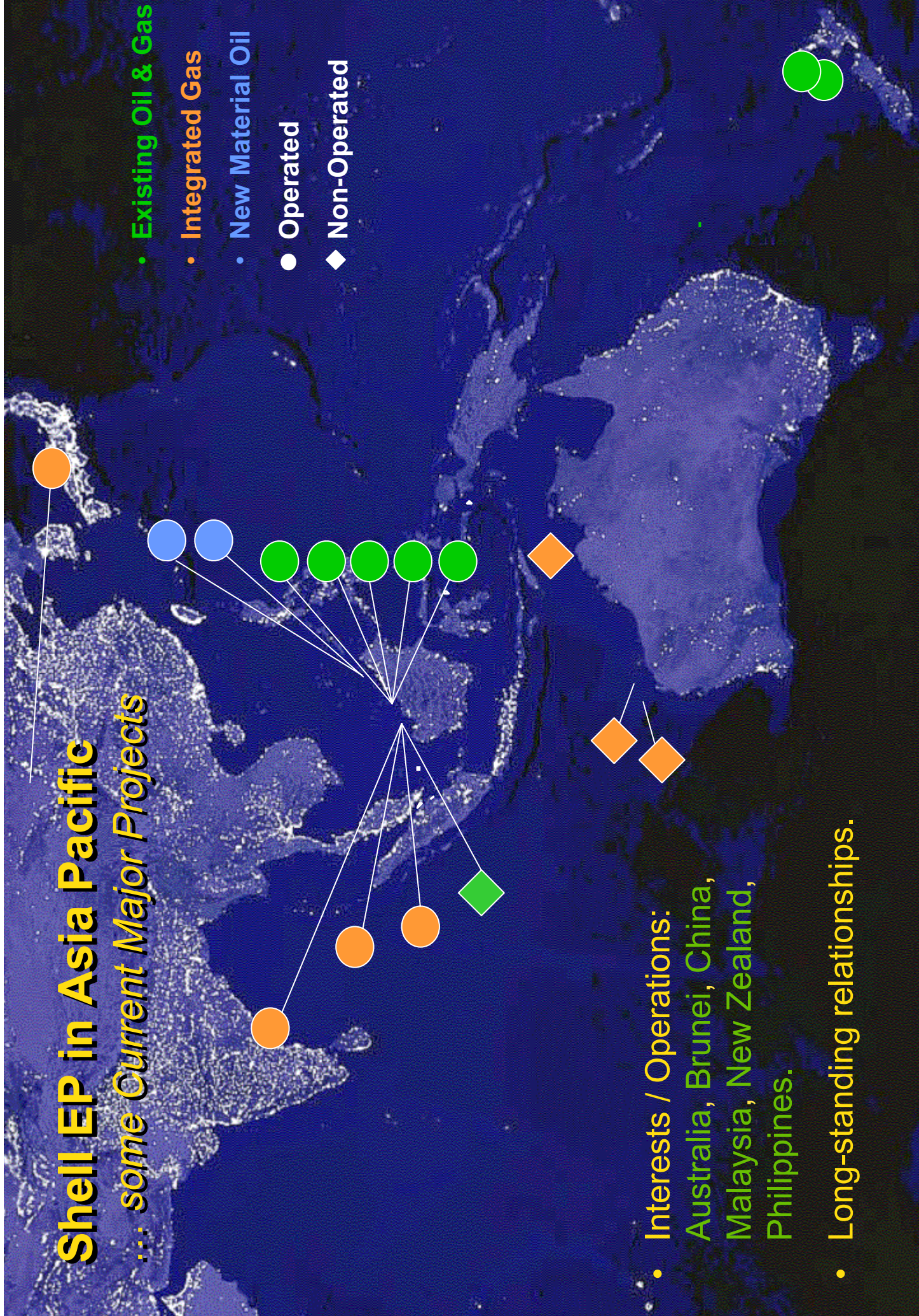
New Zealand Petroleum Conference  
Auckland, 6th March 2006



# Shell EP in Asia Pacific

... some Current Major Projects

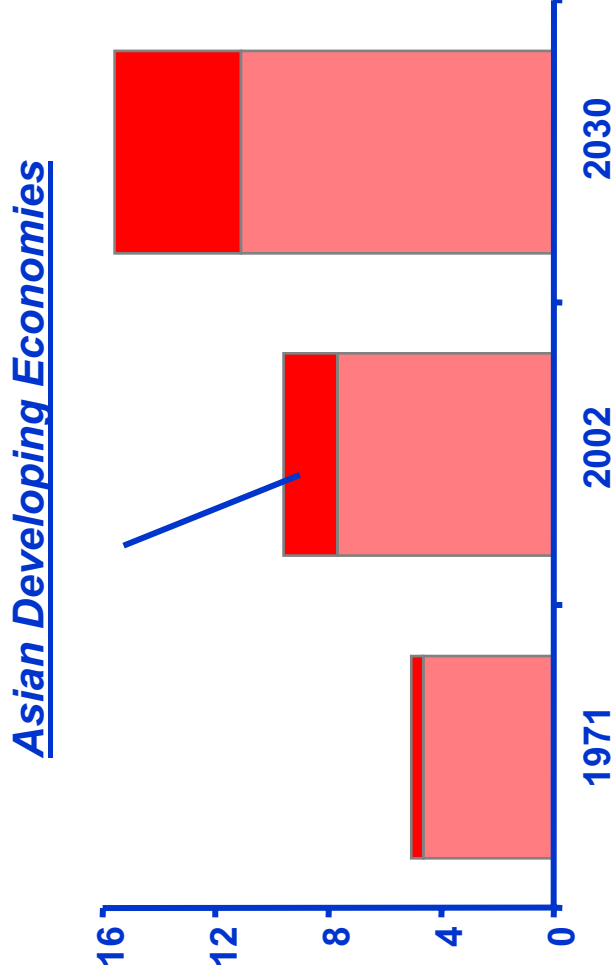
- Existing Oil & Gas
- Integrated Gas
- New Material Oil
- Operated
- ◆ Non-Operated



- Interests / Operations: Australia, Brunei, China, Malaysia, New Zealand, Philippines.
- Long-standing relationships.

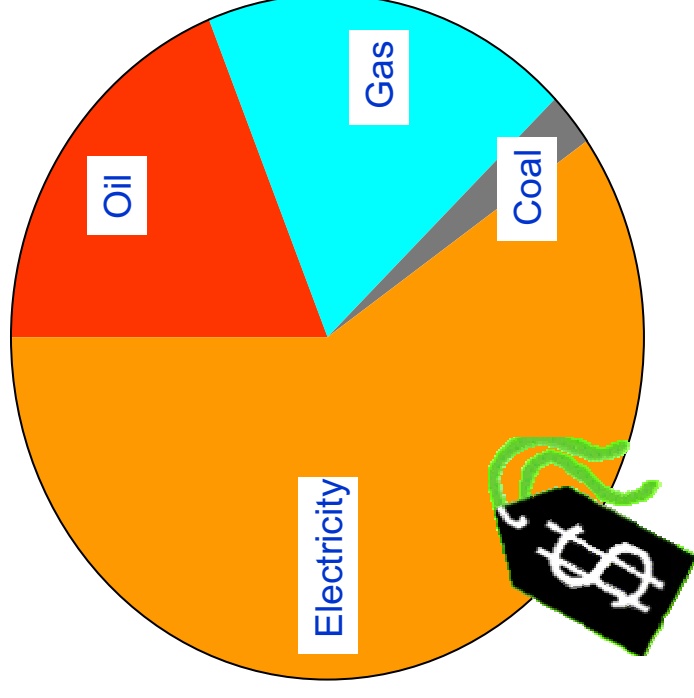
# Growing Global Energy Demand & Investment ...

Global Energy Demand 1971-2030 ...  
(billion tonnes oil equivalent)



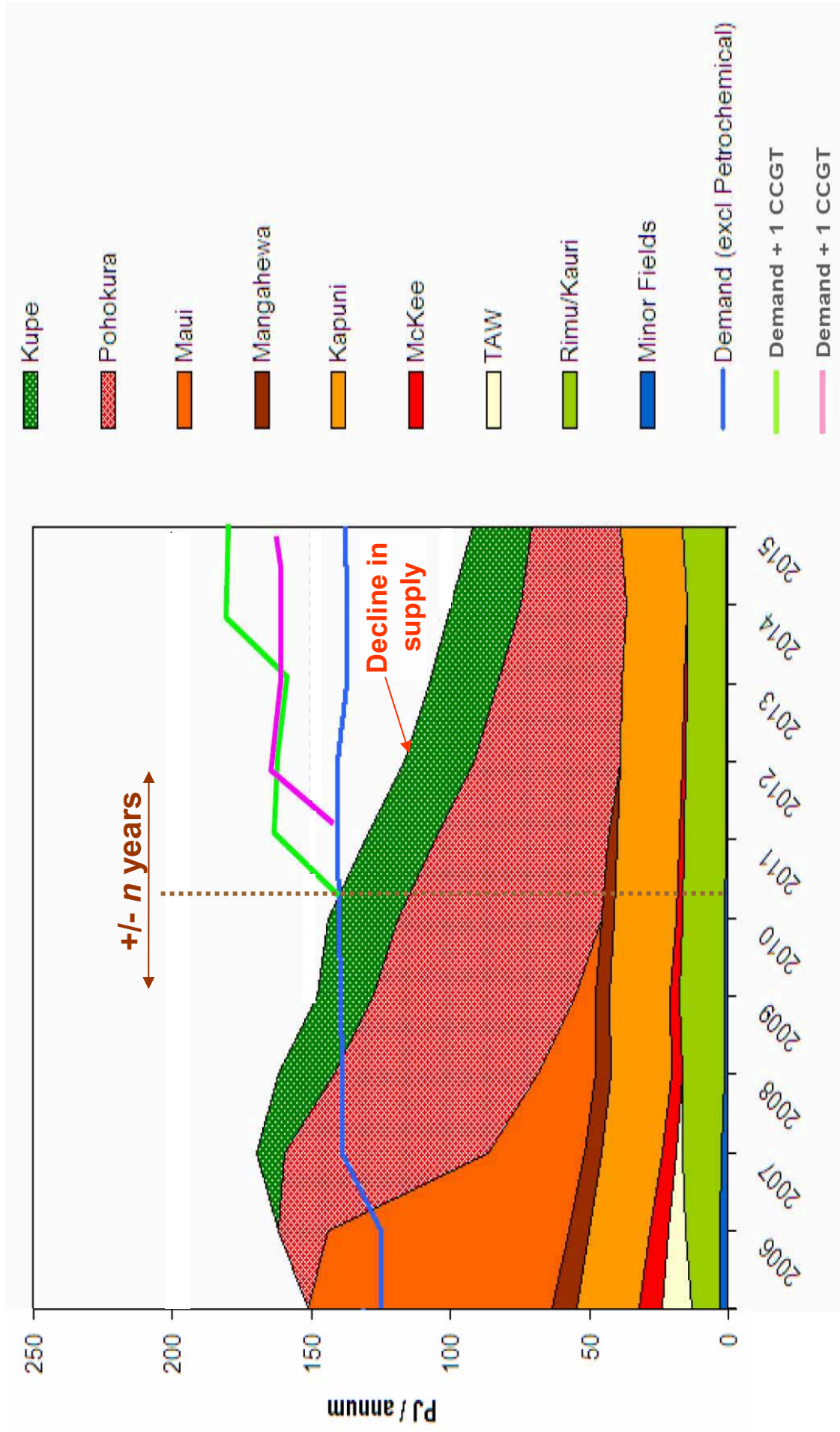
Source: IEA World Energy Outlook 2004

Global Investment Challenge ...  
US \$16 Trillion Needed 2007-30



Source: IEA 2000\$

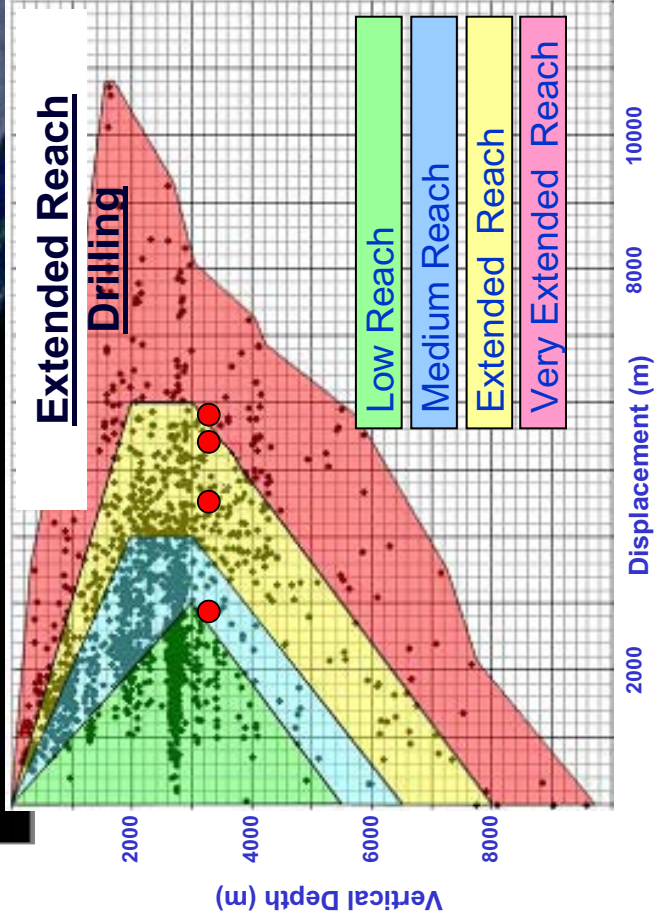
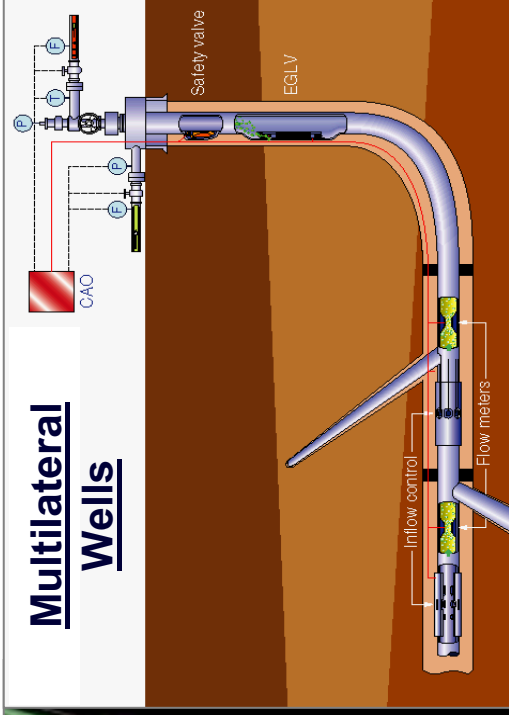
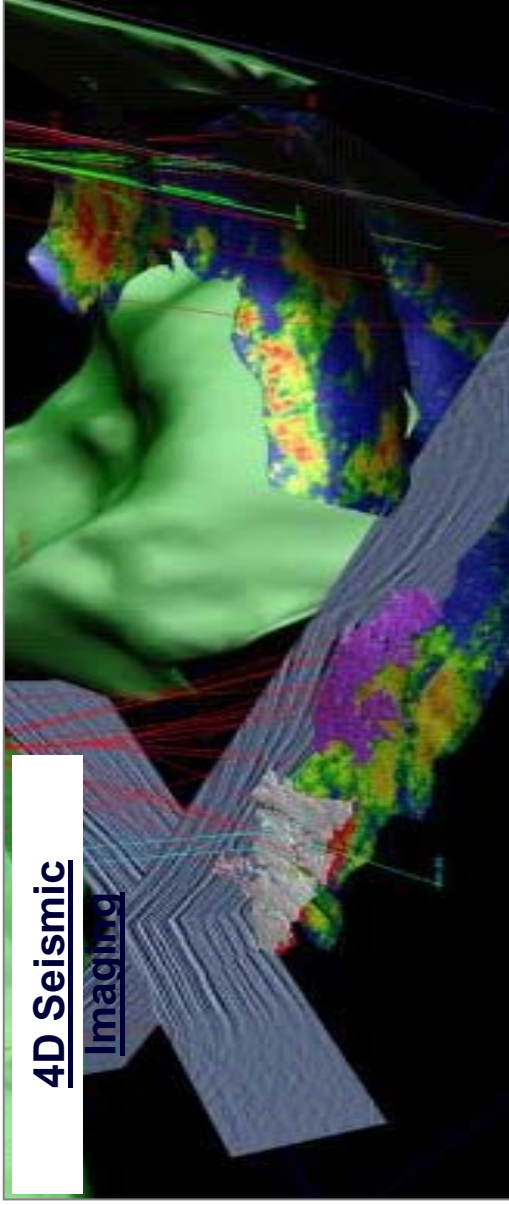
# New Zealand Gas Supply: Demand 2005-2015 ...



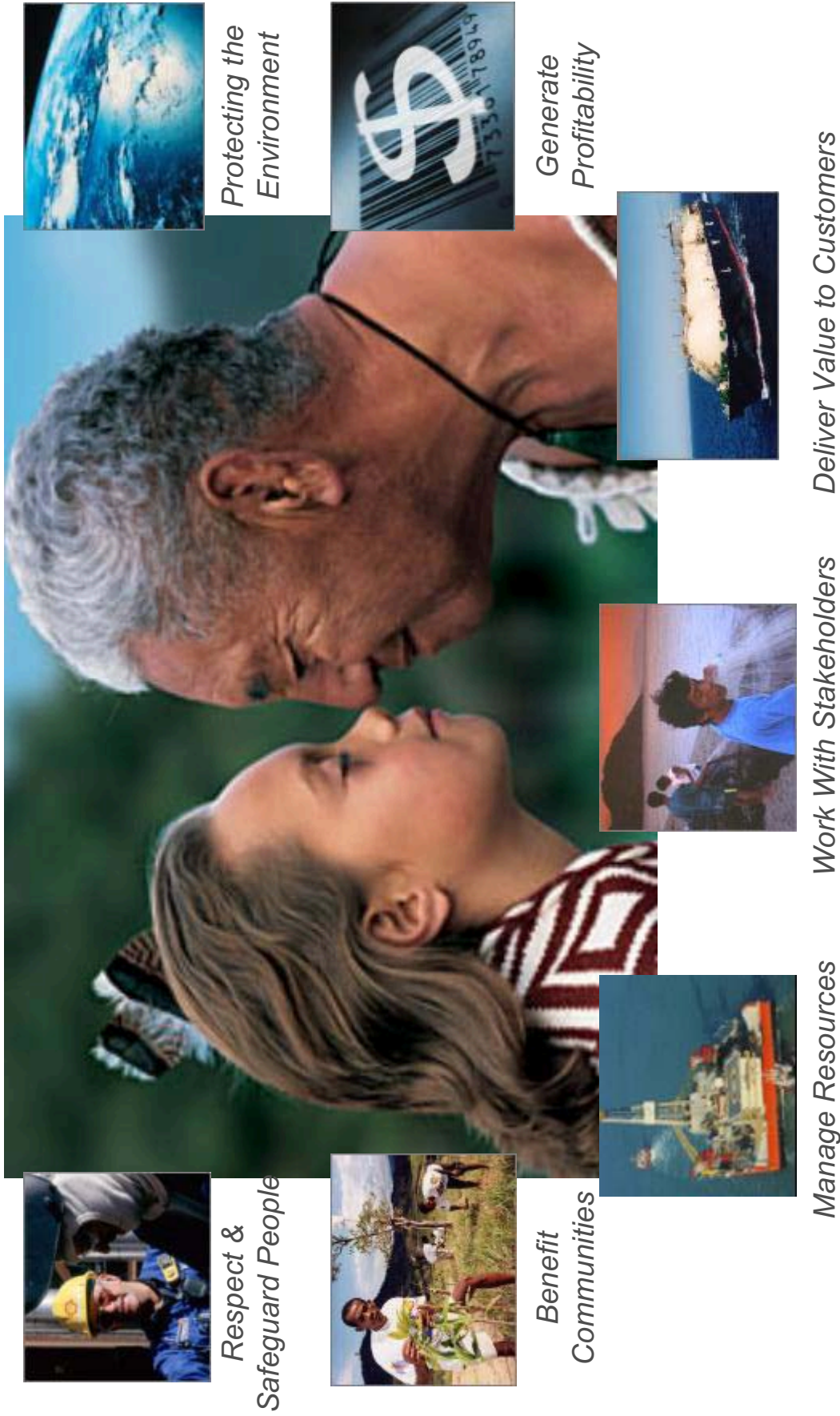
Source: Adapted from Contact Energy 2005

# Using Technology to Maximise Recovery ...

Some Examples: *Extended Reach Drilling, 4D Seismic, Multi-laterals, SMART Fields ...*



# Commitment to Sustainable Development Safety a Priority ...



Sources: Maori Photograph from NZ Ministry of Tourism

# Meeting the Energy Challenge ...



