

Challenges Executing International Mega Energy Projects

What it takes to deliver that gallon of gas to your car?



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Offshore Platform



Floating, Production, Storage & Offloading



Oil Sands -Truck

- 400 tons empty
- 400 tons load
- 800 tons total weight



Oil Sands - Shovel & Truck



Liquefied Natural Gas Tanker



Refinery & Petrochemical Complex



Challenges

- Safety: Santa Barbara, North Sea
- Technology: Deep Water, High Temperature/Pressure
- Politics: Nigeria
- Regulatory: Los Angeles Nox Project
- Culture: Middle East, Asia
- Language: Argentina, Kazakhstan
- Weather: Canada and Middle East

Attributes of a Project Manager

- **Intelligence of Einstein**
- **Patience of Two Saints**
- **Integrity of a Supreme Court Judge**
- **Negotiating Skills of a Mongolian Horse Trader**
- **Savvy of James Bond**
- **Communication Skills of Tom Peters**
- **Planning Skills of General Schwartzkopf**
- **Personal Drive of Donald Trump**
- **Skin of an Armadillo**
- **Ego of Mother Teresa**

We Have Yet to Find a Perfect Match!!

Question and Answer