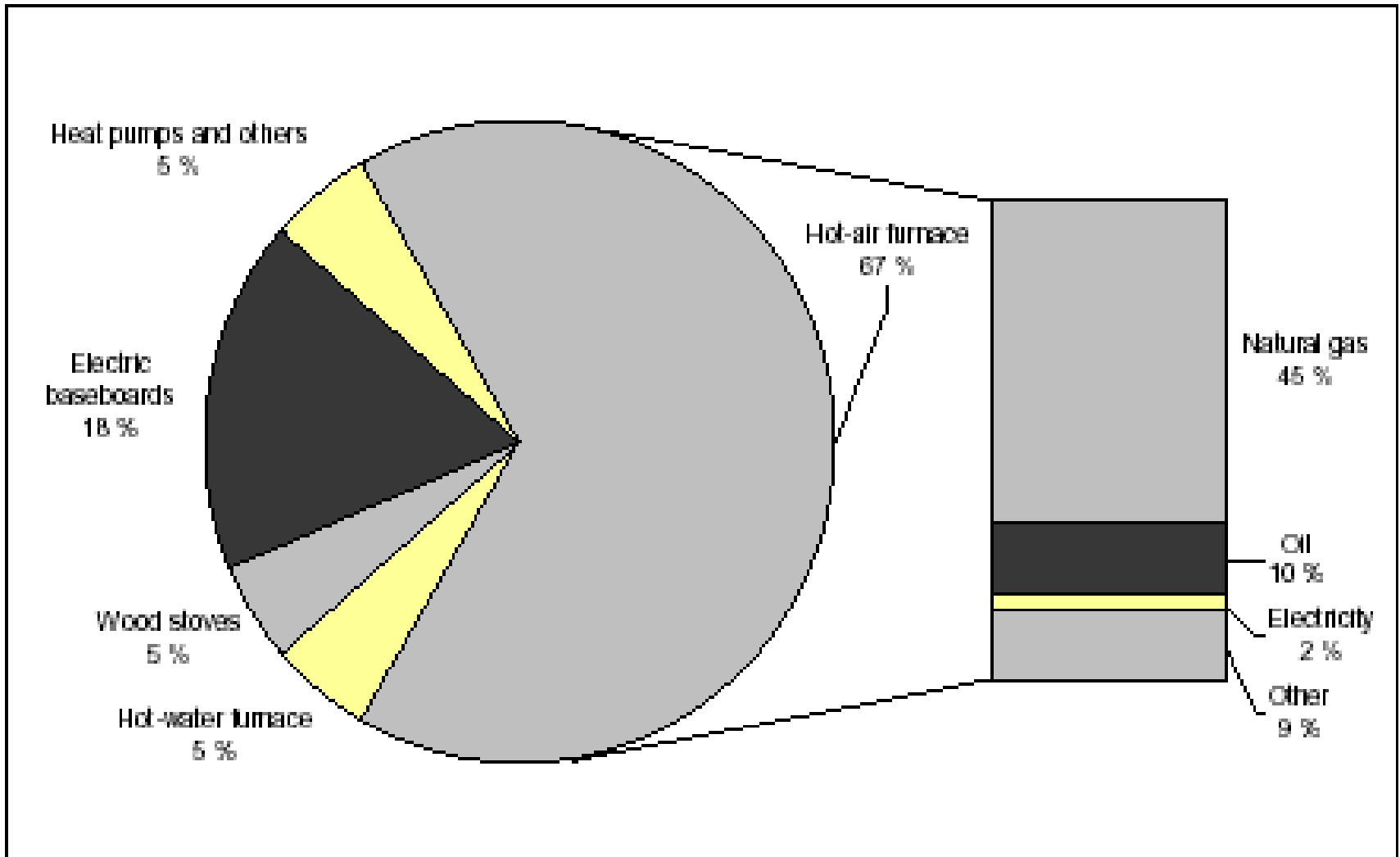


# What You Need To Know

- Ontario Housing stock turns over at 2%/a
- 2/3 of Ontario homes heat w/natural gas
- 1/2 of Canadian homes. (6 million)
- Canadian production is declining: 6.8%/a
- Albert Bartlett

# Home Heating

Figure 3.1.1: Distribution of Heating Systems



# NRCan Stats

- **Table 3.2.1: Distribution of Houses, by Energy Source of Main Heating System**

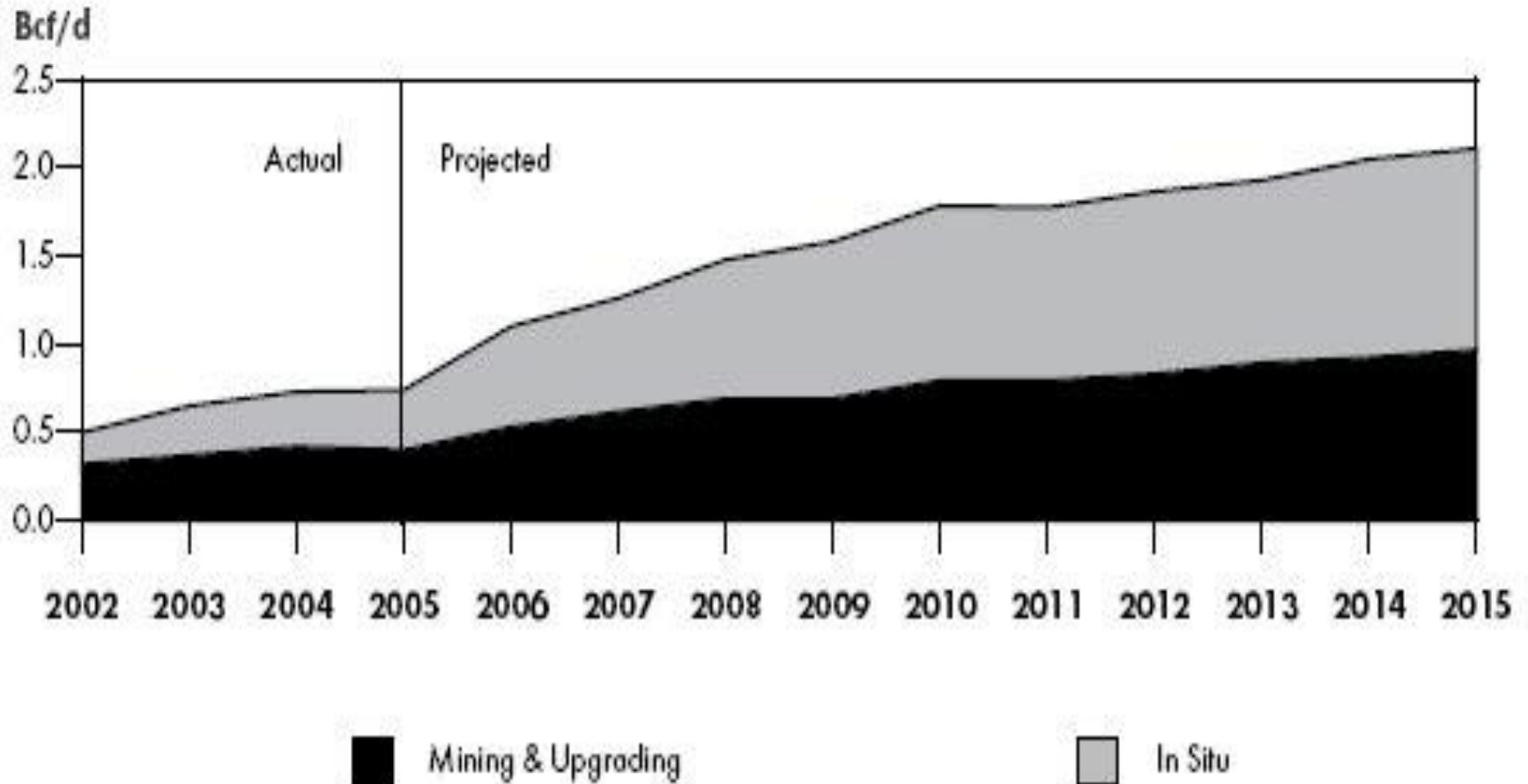
- **Energy source CA Atl QC ON Prairies BC**
- Natural gas (%) 47.3 0.2 3.7 66.5 76.7 51.9
- Oil (%) 12.2 40 16 11 1.3 7.0
- Wood (%) 5.4 15 11 2.2 0.8 5.7
- Electricity (%) 23.1 37 60 9.3 5.3 20.2

# Consumption by Sector

- Exports to the US -- 7.5/bcfd
- Canadian power demand -- 2.2/bcfd
- Tar Sands production -- 3.1/bcfd
- Other Consumption -- 1.2/bcfd

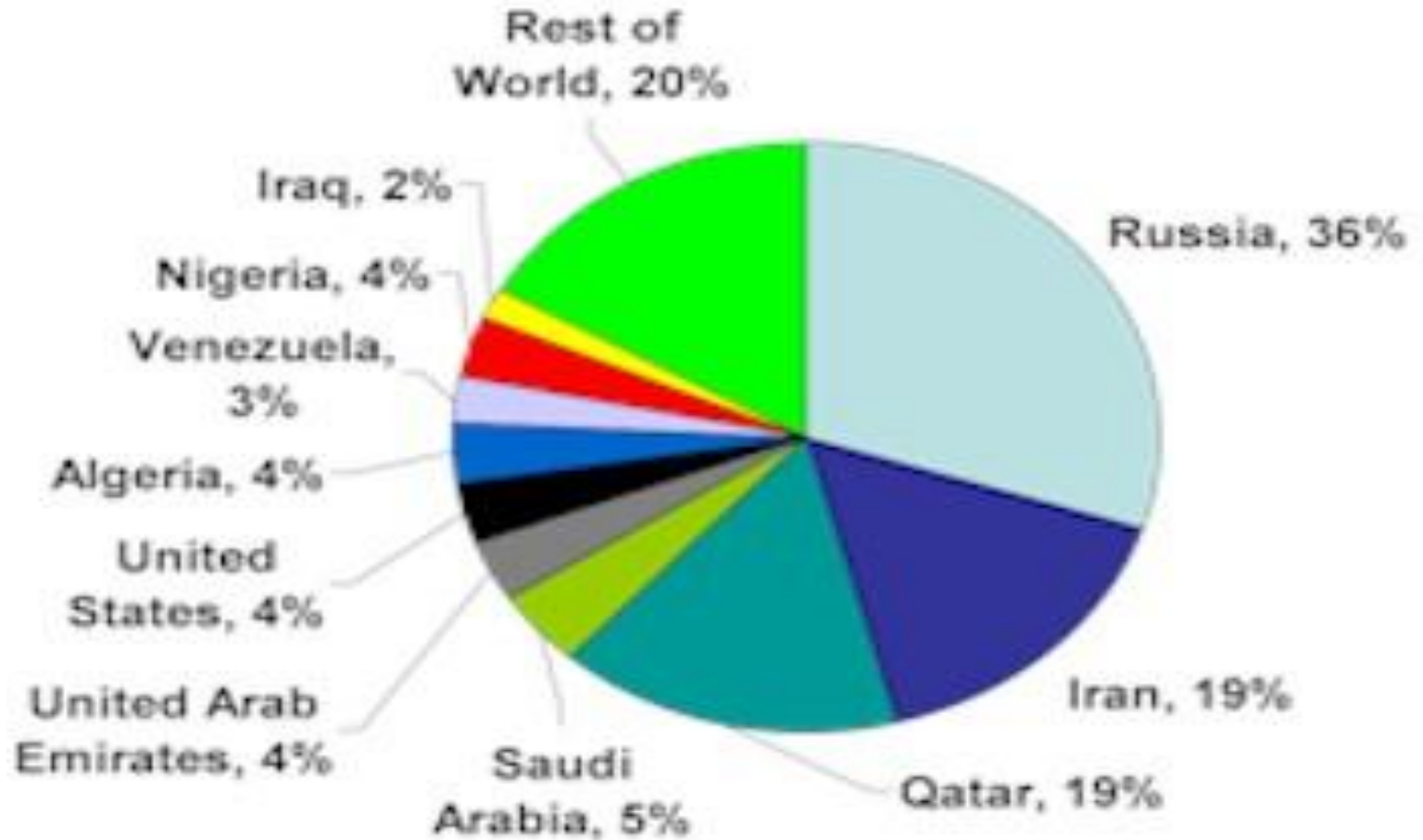
# The Competition

## Total Purchased Gas Requirement

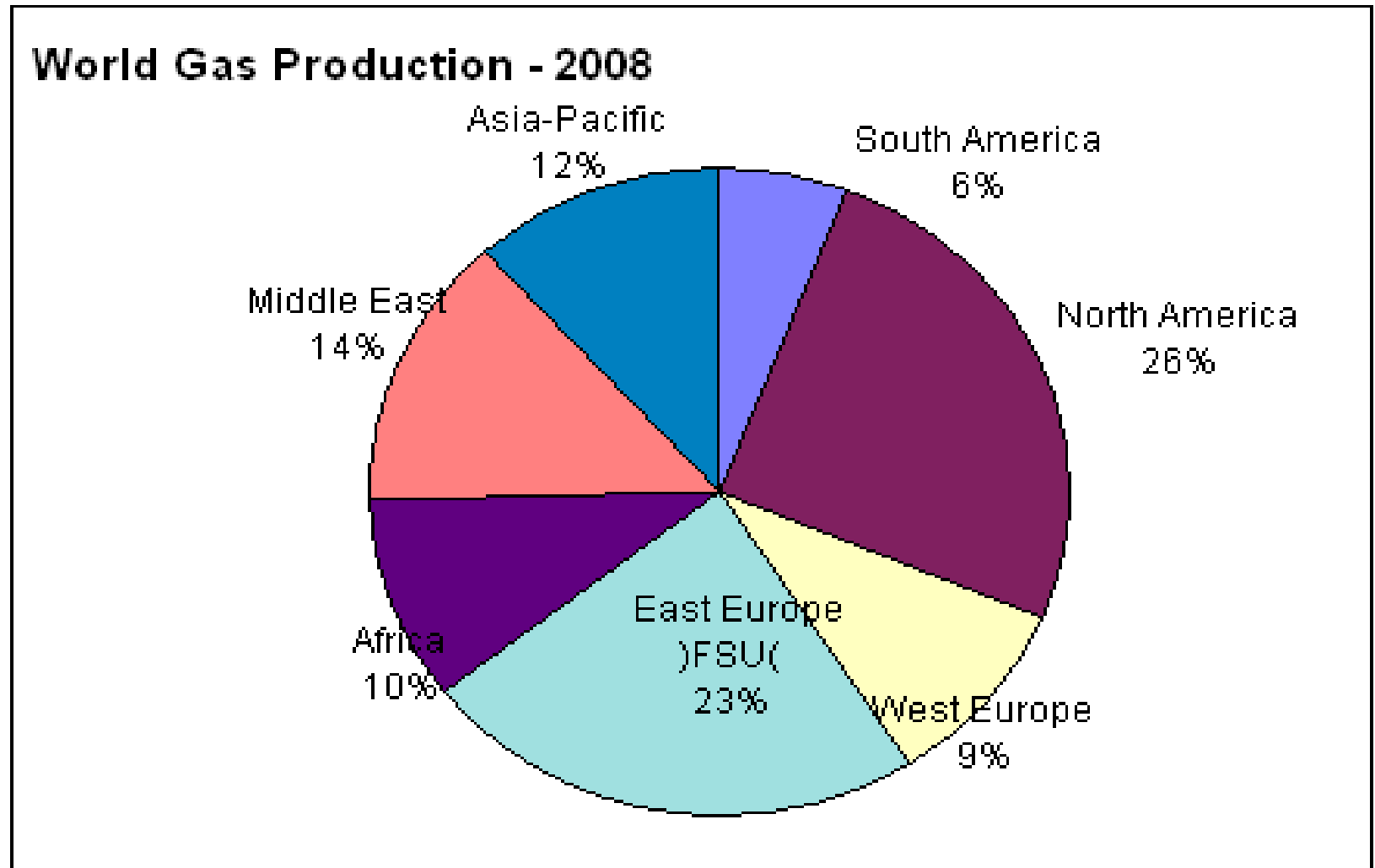


Source: EUB and NEB

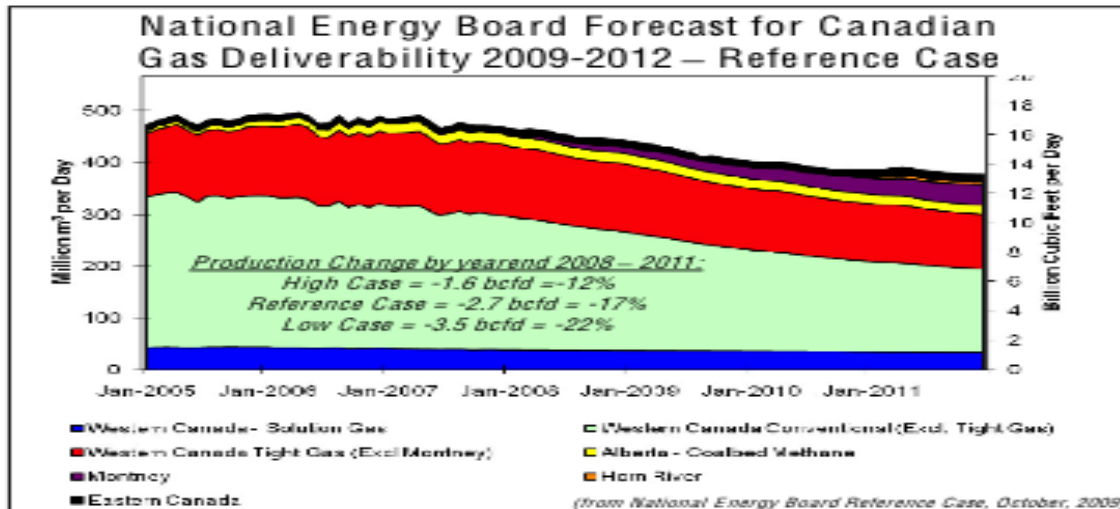
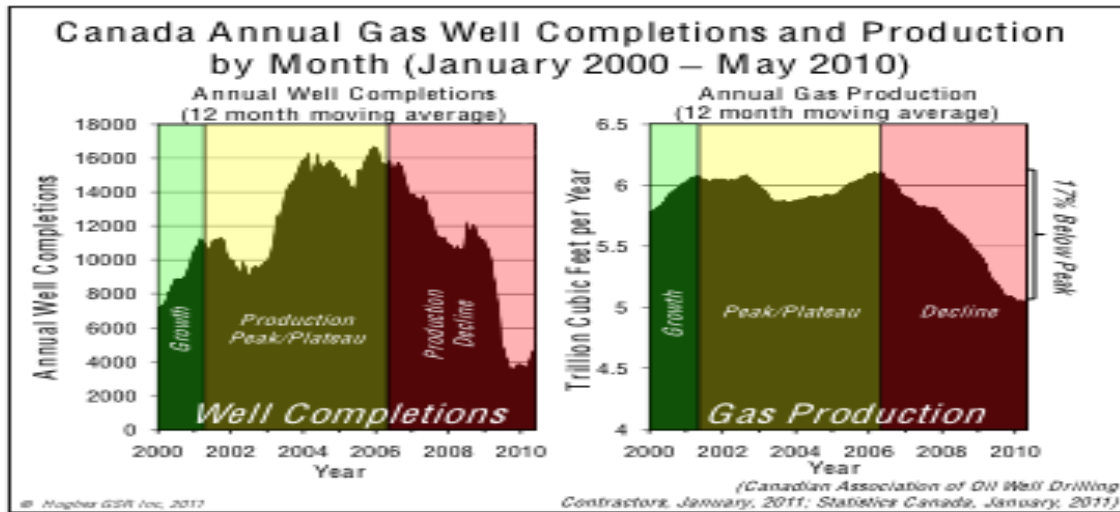
# World Gas Reserves



# For U.S. Production = Consumption

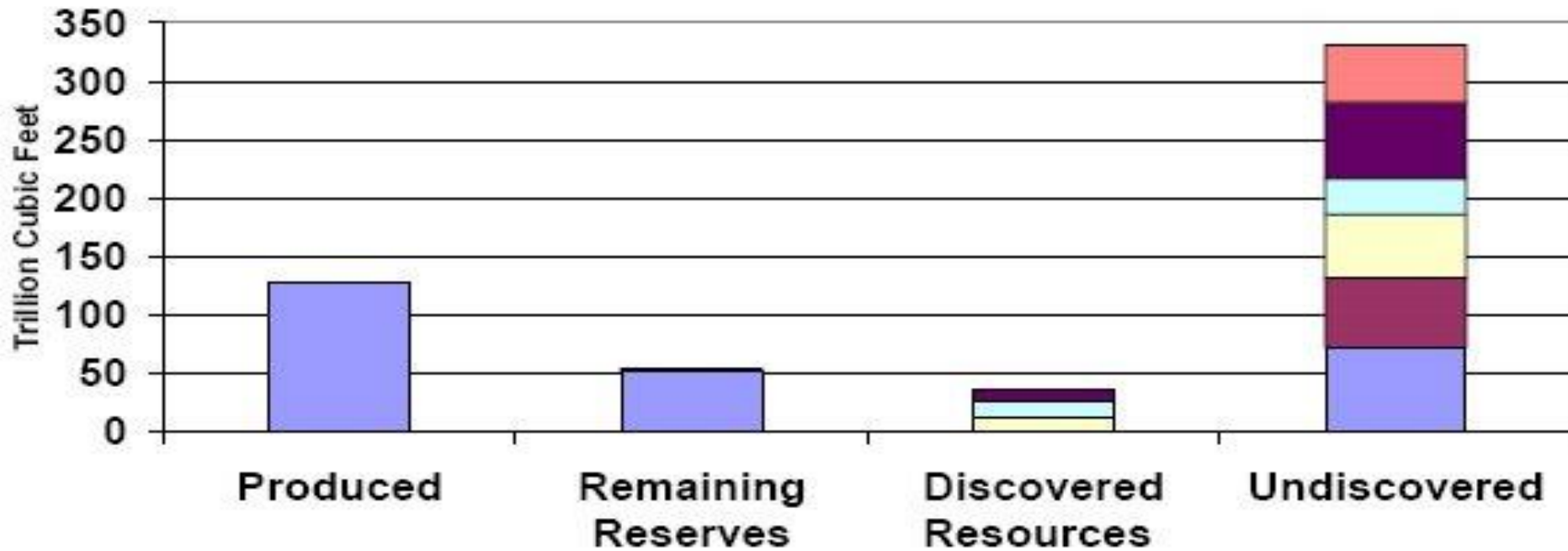


# Declining Production

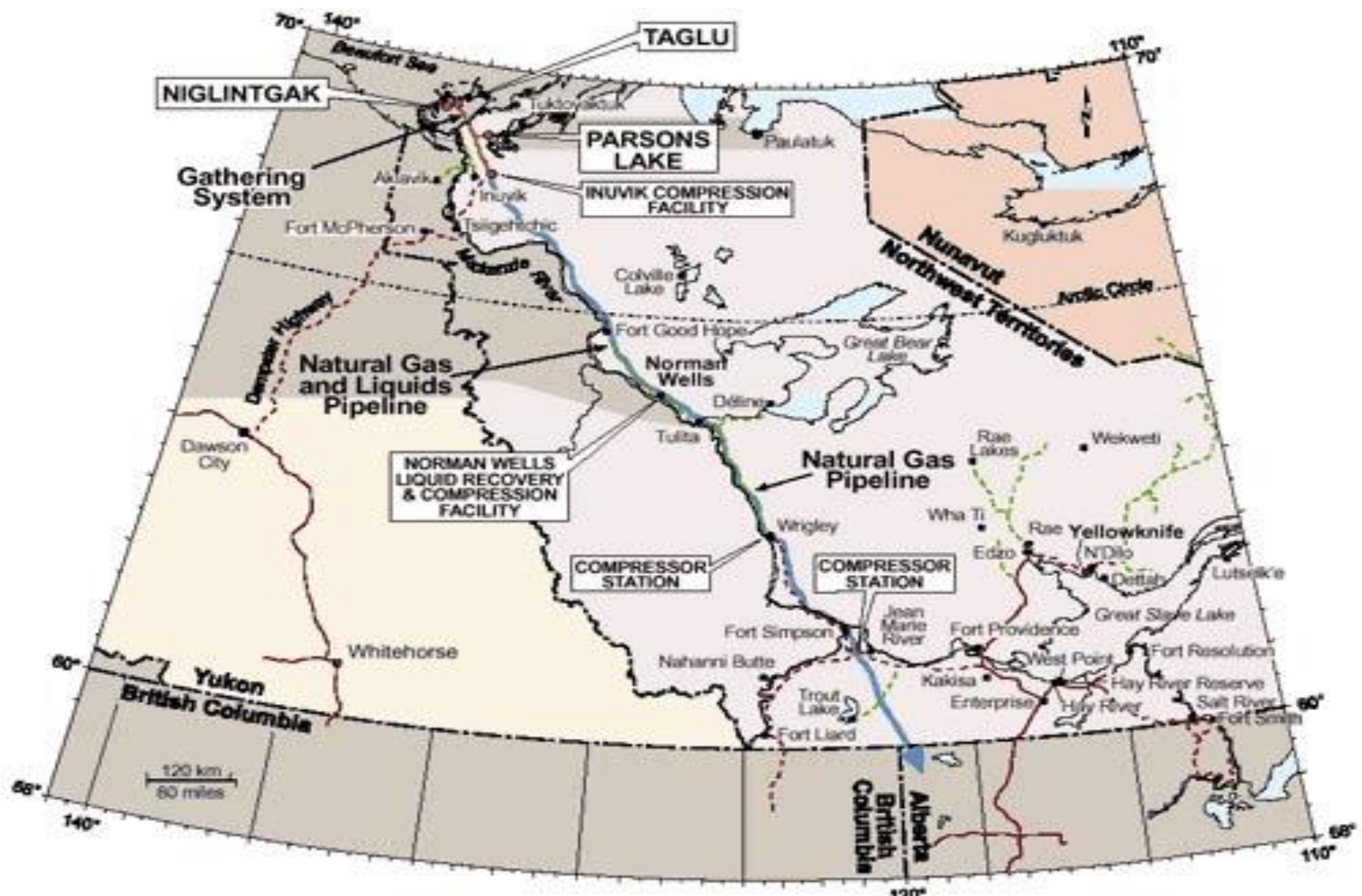


# Reliance on the Undiscovered

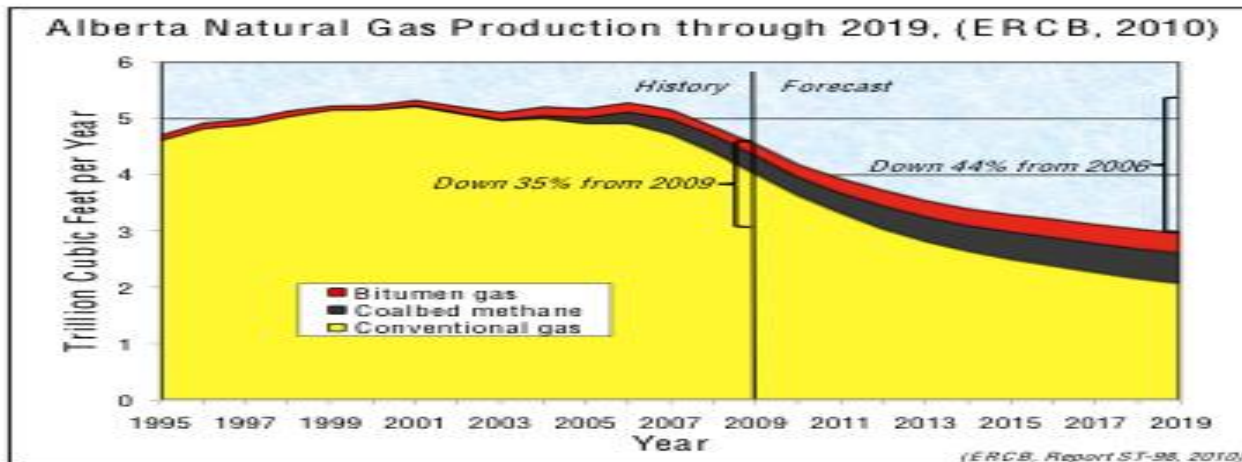
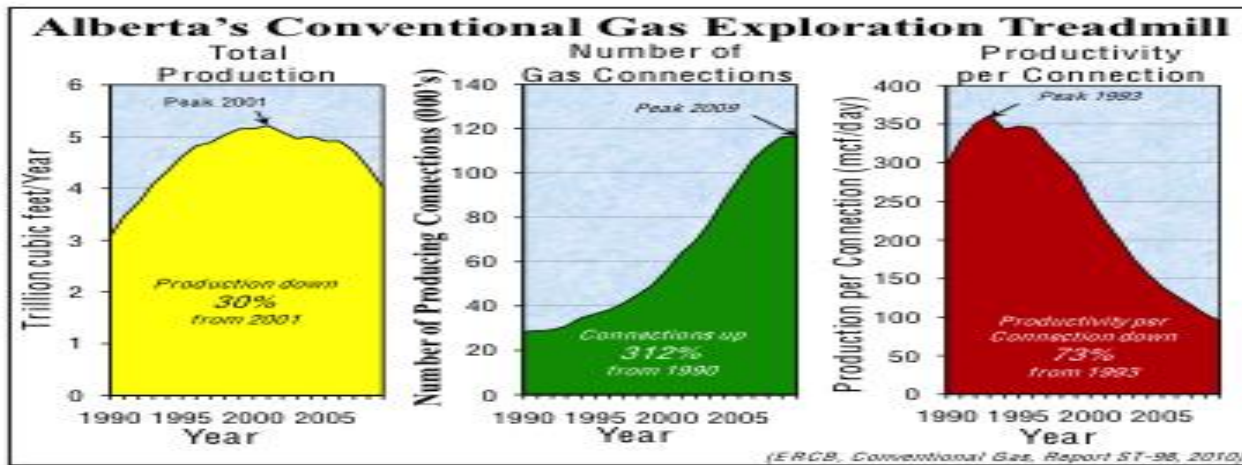
Figure 6. Natural Gas Resources in Canada, Supply Push Scenario



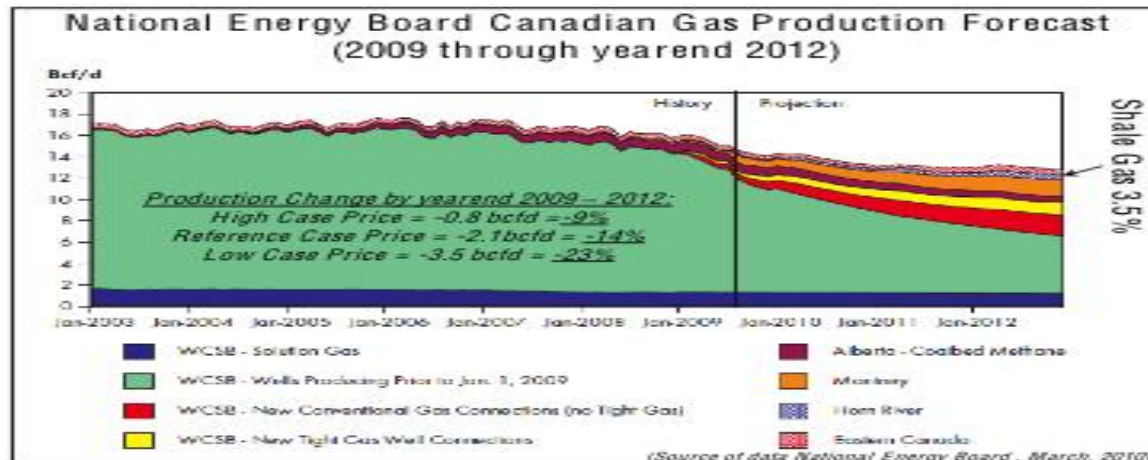
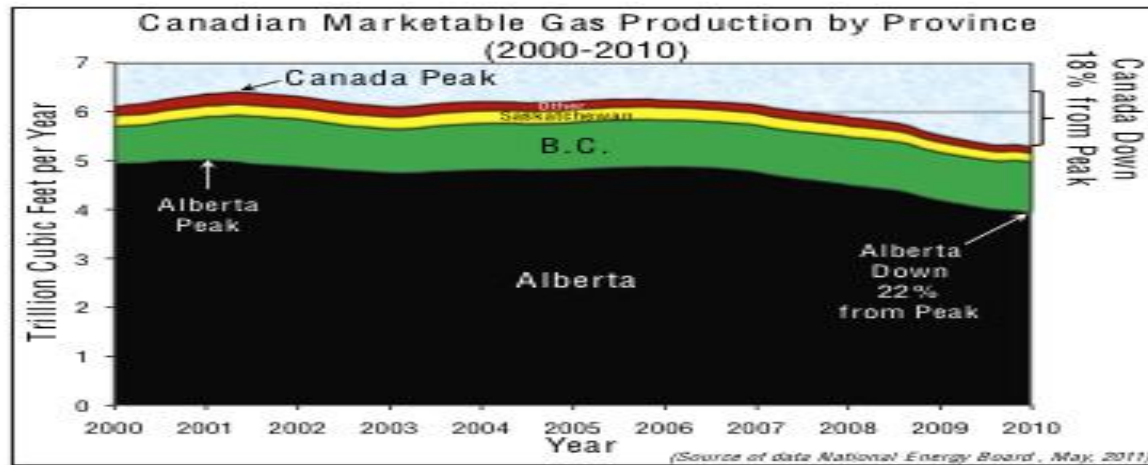
# What Undiscovered Means



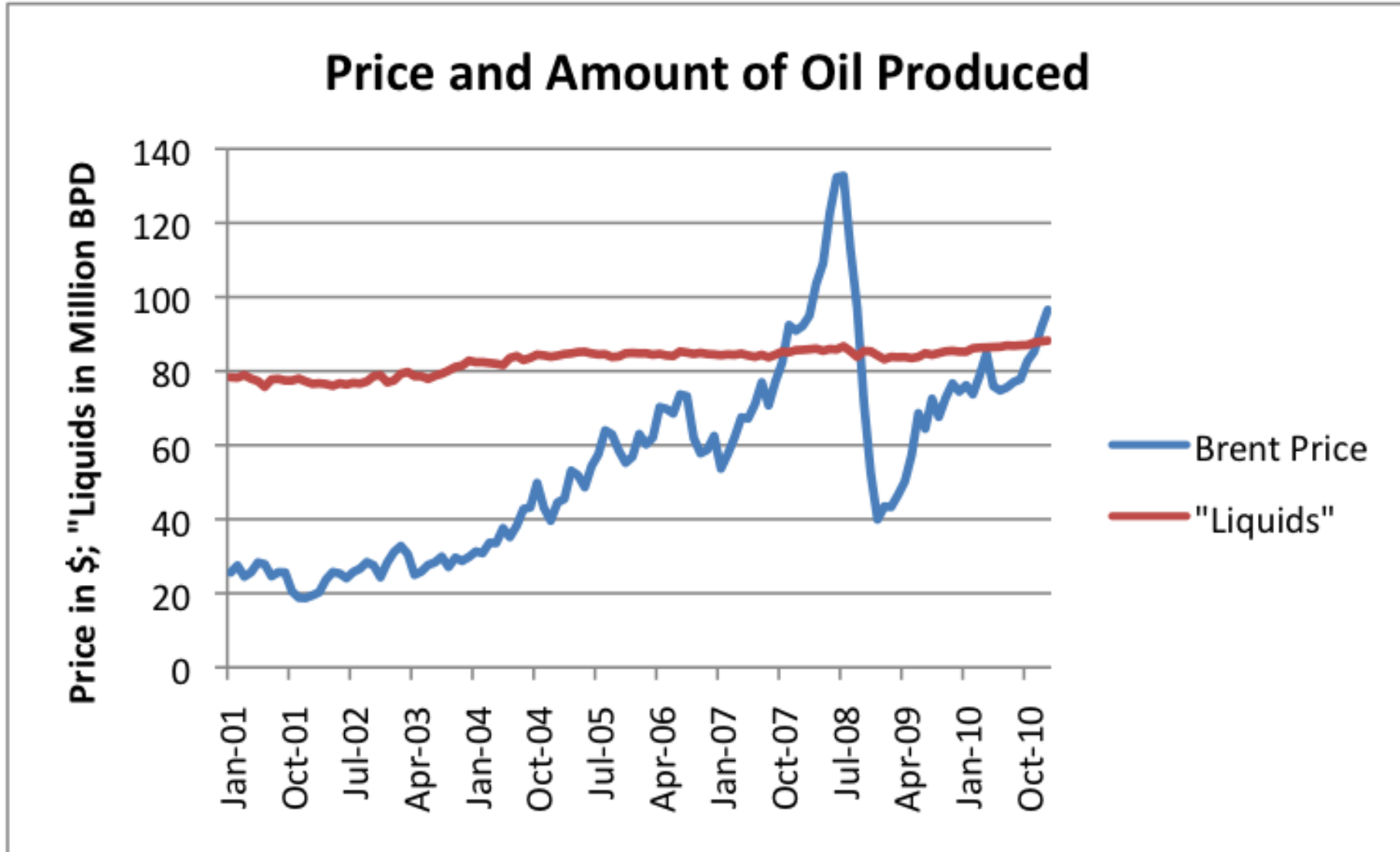
# The Treadmill



# Time is of the Essence



# Let the Market Decide



# Post Carbon Societies Are Not in Doubt

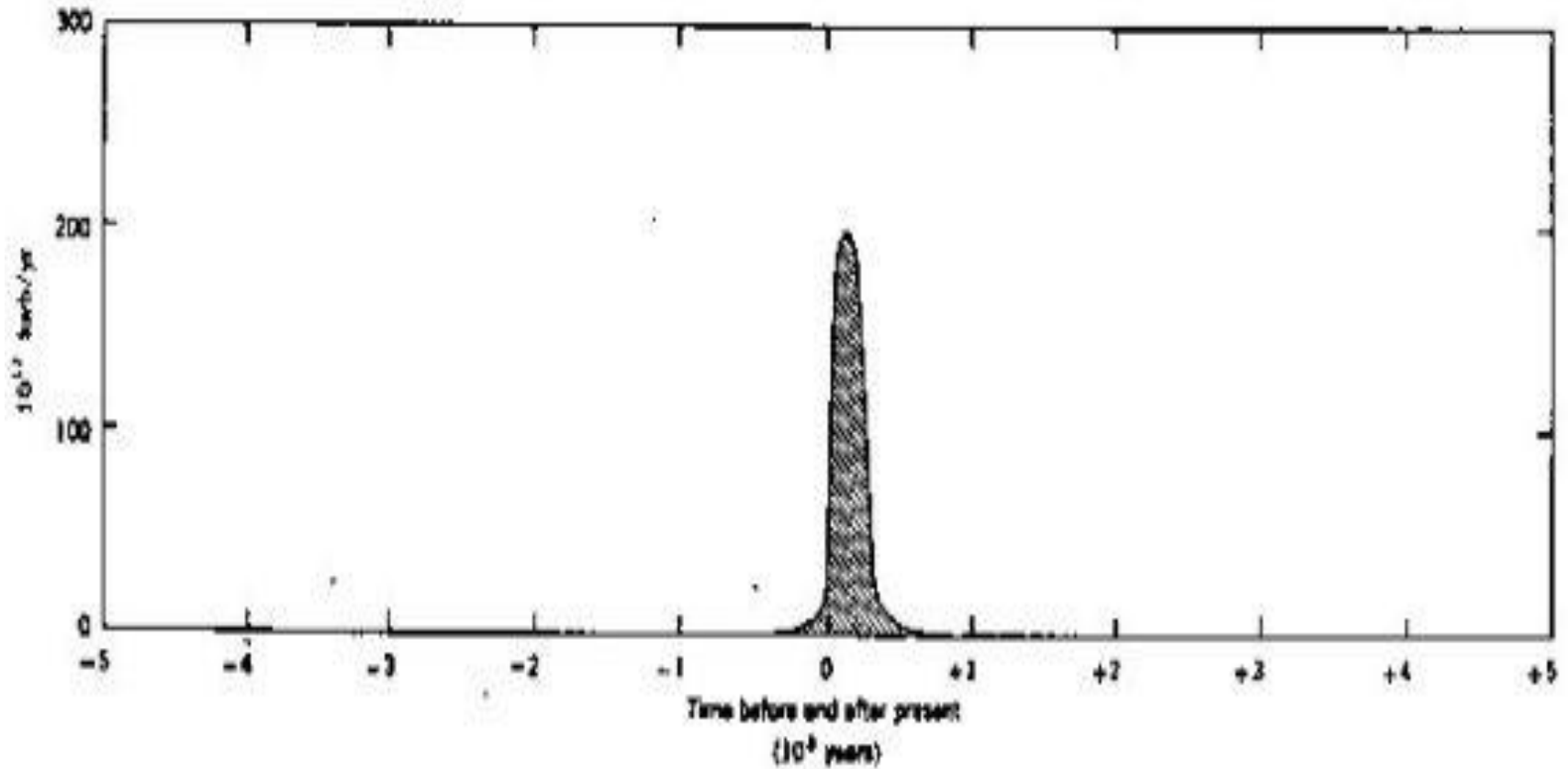


Fig. 10 - Epoch of fossil-fuel exploitation in human history during the period from 5,000 years ago to 5,000 years in the future (Hubbert, 1974a, fig. 69).

# Conservation is Rule 1

