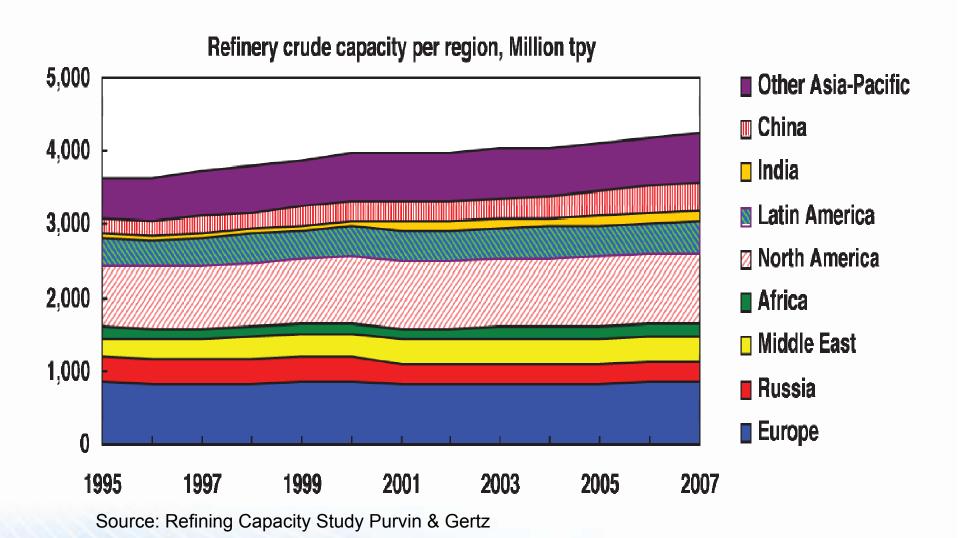
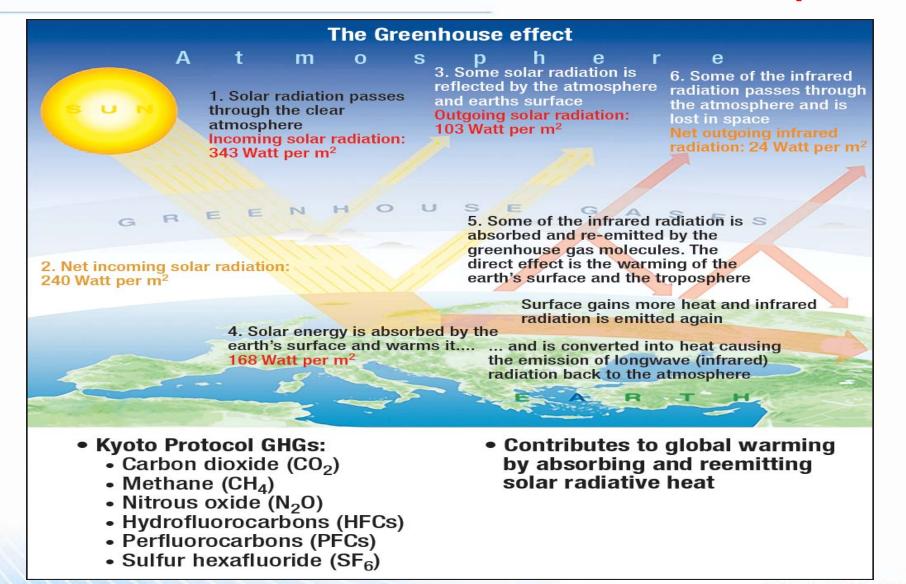
Refinery Crude Capacity Per Region



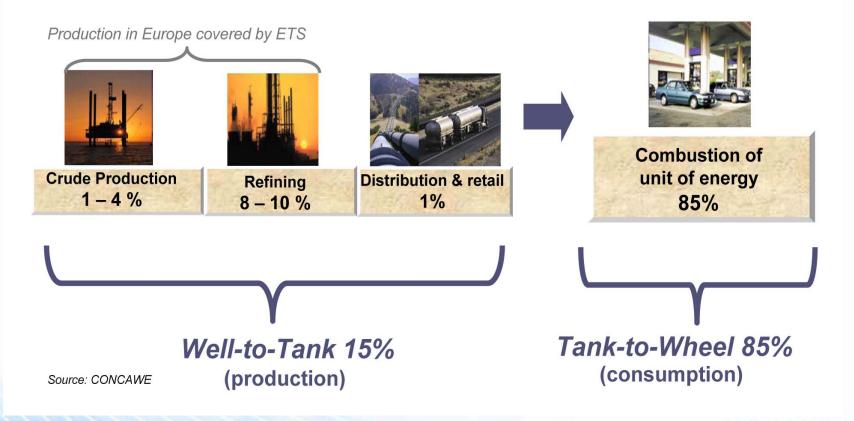


Interaction of GHGs With the Earth's Atmosphere



Greenhouse Gas (GHG) emissions from transport fuels: the Well-to-Wheel concept

FOSSIL FUELS





Biofuels



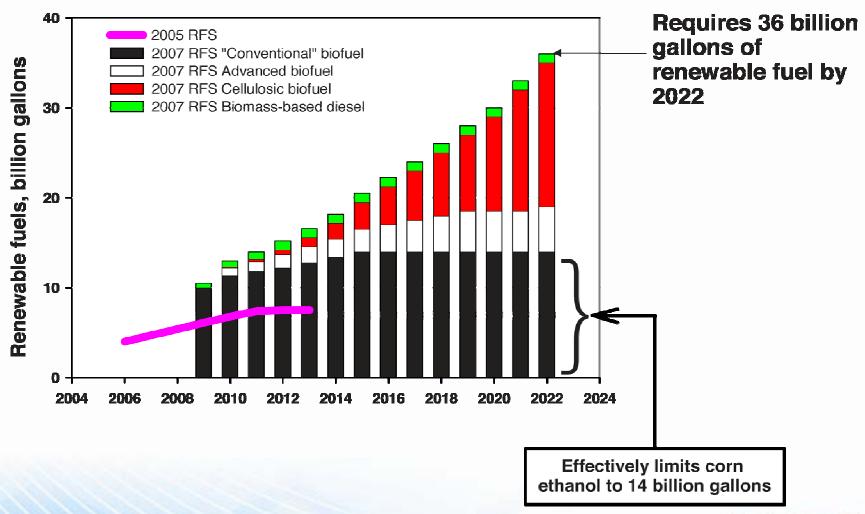


EU Energy and Climate Change Policy 2007 Targets:

- 20% Reduction of GHG
- 20% Renewables share in Energy mix – 10% Biofuels
- 20% Energy Efficiency Improvements



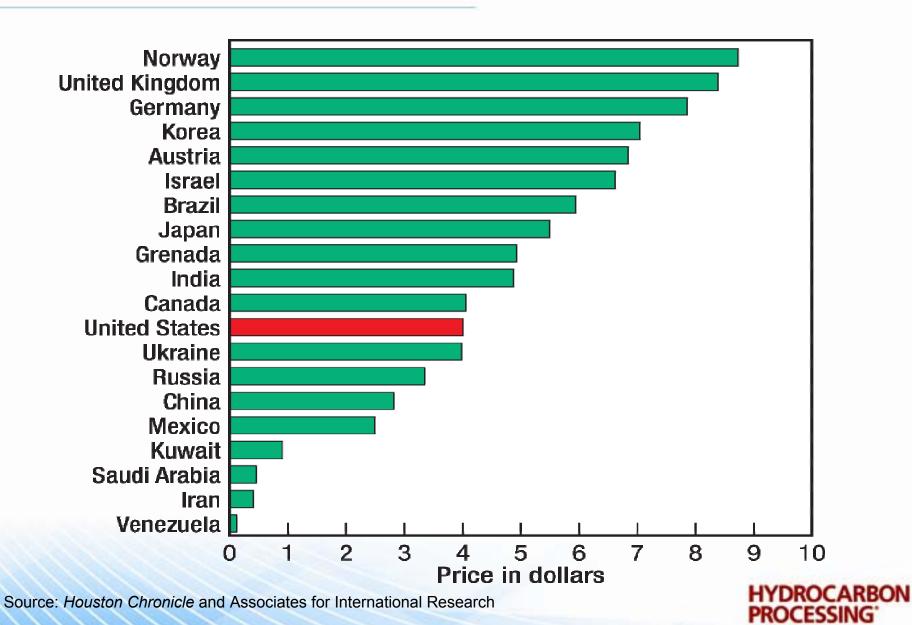
2007 EISA Renewable Fuel Standard



Source: National Renewable Energy Laboratory

HYDROCARBON PROCESSING

Worldwide Fuel Prices



U.S. Petroleum-Based* Gasoline and Distillate Fuel Needs Shift

Million Barrels Per Day	2007	2022	Growth to 2022
Petroleum Gasoline	8.85	8.24	-0.61
Petroleum Distillate	4.22	4.71	+0.49

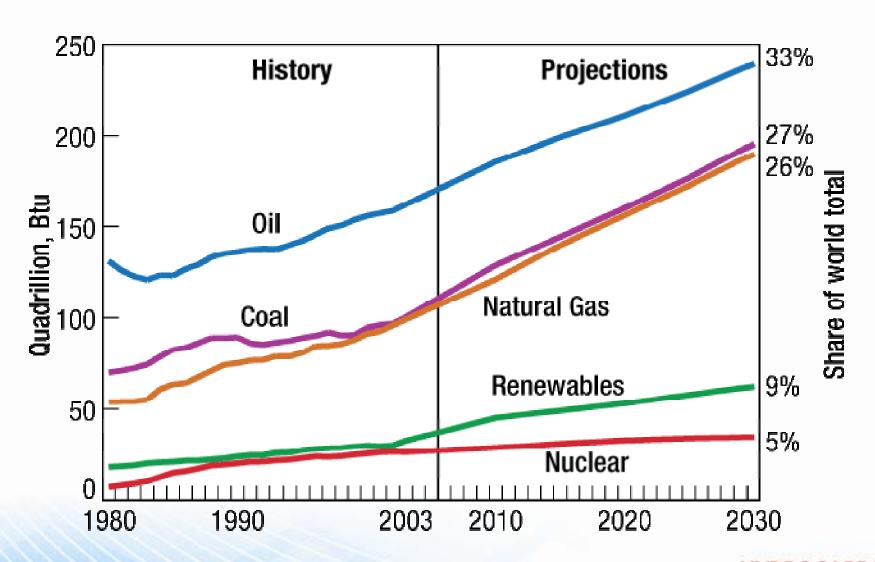
^{*} Petroleum-Based excludes ethanol, biodiesel, and distillate from coal-to-liquids and biomass-to-liquids. Source: AEO 2008 Reference Case





HYDROCARBON PROCESSING

World Marketed Energy Use by Fuel Type 1980-2030

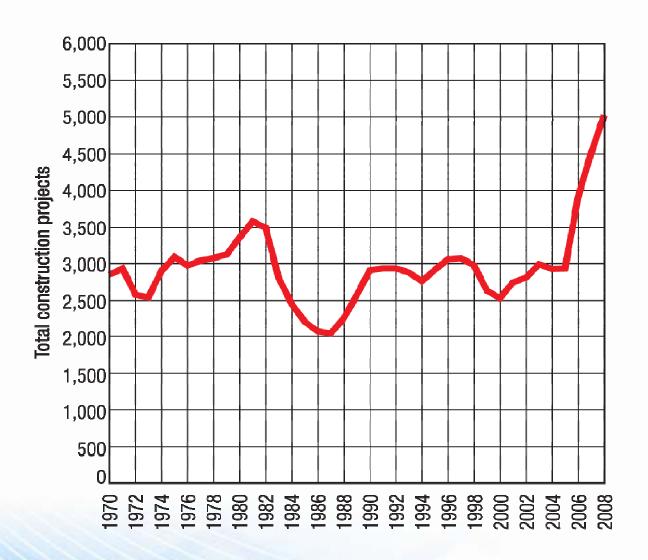


Source: EIA

HYDROCARBON PROCESSING

HPI Construction Activity

1970 to 2008

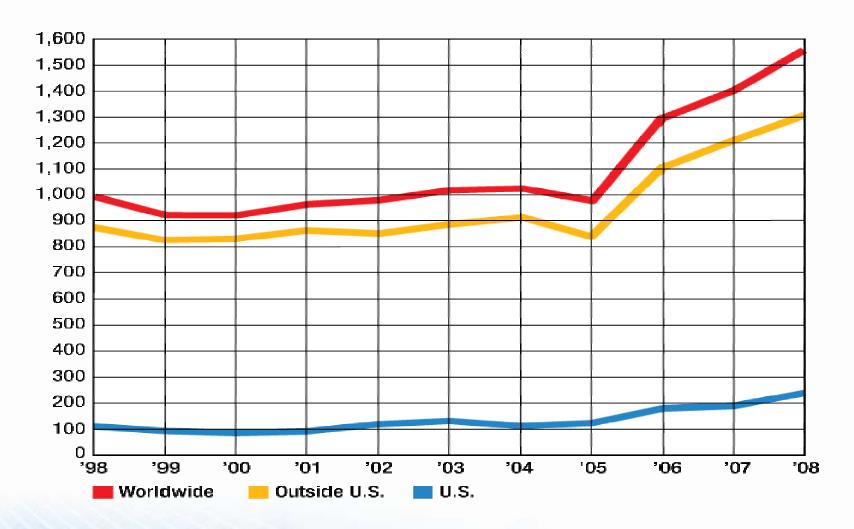


Source: HPI Construction Boxscore



Refining Construction

1998 to 2008

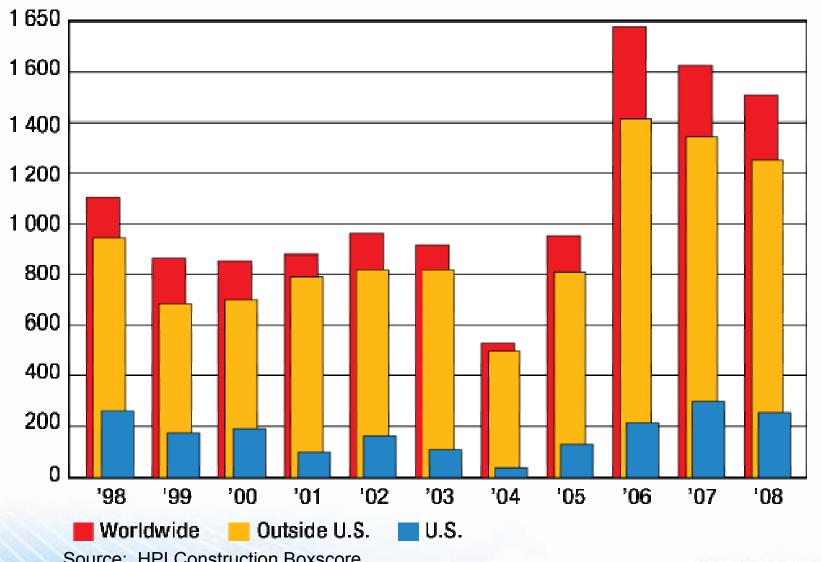


Source: HPI Construction Boxscore



New Project Additions

1998 to 2008



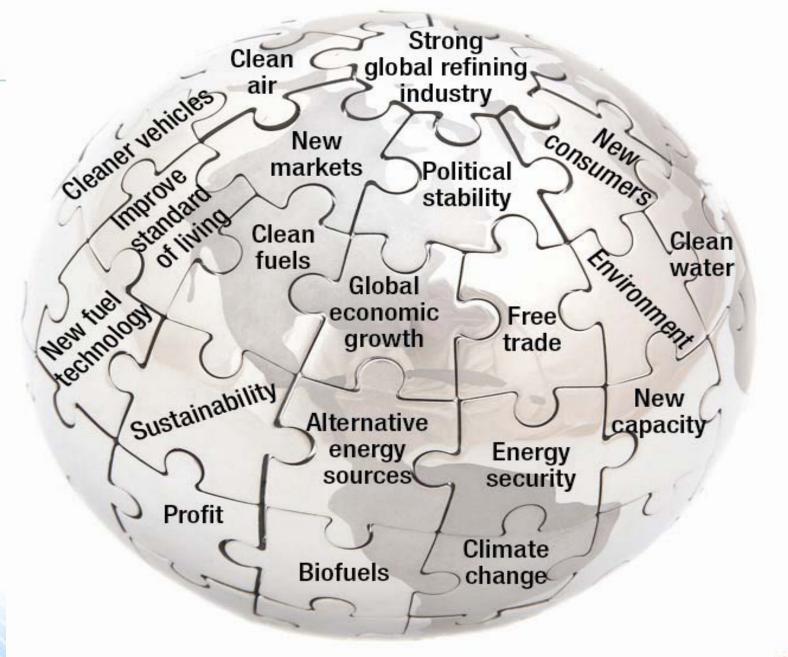
Source: HPI Construction Boxscore



HPI Forecast Spending for 2009

Туре	U.S.	O.U.S.	Worldwide
Capital	\$10,700,000,000	\$47,600,000,000	\$58,300,000,000
Maintenance	14,400,000,000	44,700,000,000	59,100,000,000
Operating	32,120,000,000	72,870,000,000	104,990,000,000
Totals	\$57,220,000,000	\$165,170,000,000	\$222,390,000,000







2009 Energy Outlook

- Refining
- Gas Processing
- LNG
- Synfuels
- Biofuels
- Petrochemical/Chemical
- Engineering/Procurement/
 Construction

