This presentation includes forward-looking statements. Actual future conditions (including economic conditions, energy demand, and energy supply) could differ materially due to changes in technology, the development of new supply sources, political events, demographic changes, and other factors discussed herein and under the heading "Factors Affecting Future Results" in the investors section of our website at: www.exxonmobil.com. The information provided includes ExxonMobil's internal estimates and forecasts based upon internal data and analyses as well as publically-available information from external sources including the International Energy Agency. This material is not to be used or reproduced without the permission of Exxon Mobil Corporation. All rights reserved.
Population Trends Impact Energy Use

World Population
Billions of people
Economic Growth Drives Energy Demand

**GDP**
- Trillion 2005$

<table>
<thead>
<tr>
<th>Country</th>
<th>2010-2040 AAGR %</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>5.6%</td>
</tr>
<tr>
<td>United States</td>
<td>1.8%</td>
</tr>
<tr>
<td>Other OECD</td>
<td>3.9%</td>
</tr>
<tr>
<td>Other Non OECD</td>
<td>5.6%</td>
</tr>
<tr>
<td>World</td>
<td>2.8%</td>
</tr>
</tbody>
</table>

**Energy Demand**
- Quadrillion BTUs

<table>
<thead>
<tr>
<th>Region</th>
<th>2010-2040 AAGR %</th>
</tr>
</thead>
<tbody>
<tr>
<td>World</td>
<td>1.0%</td>
</tr>
<tr>
<td>Other OECD</td>
<td>2.3%</td>
</tr>
<tr>
<td>Other Non OECD</td>
<td>3.9%</td>
</tr>
<tr>
<td>China</td>
<td>5.6%</td>
</tr>
<tr>
<td>United States</td>
<td>1.8%</td>
</tr>
<tr>
<td>Energy Saved</td>
<td>~500</td>
</tr>
</tbody>
</table>

ExxonMobil 2013 Outlook for Energy
Electricity Generation Leads Growth

Energy Demand by Sector

Quadrillion BTUs

Electricity Generation

- 2010: 200
- 2025: 2025
- 2040: 2040

Industrial

- 2010: 150
- 2025: 160
- 2040: 170

Transportation

- 2010: 100
- 2025: 110
- 2040: 120

Res/Comm

- 2010: 50
- 2025: 60
- 2040: 70

ExxonMobil 2013 Outlook for Energy
Transportation

65%
Heavy duty transportation demand grows 65 percent by 2040.
Transportation Demand

Sector Demand
- MBDOE
- Rail
- Marine
- Aviation
- Heavy Duty
- Light Duty

Demand by Region
- MBDOE
- AP
- NA
- Europe
- LA
- ME
- ROW

ExxonMobil 2013 Outlook for Energy
Gas Into Transportation

By Sector

- Light Duty
- Marine
- Rail
- Heavy Duty

2040 by Region

- AP
- NA
- LA
- ME
- EU
- RC
- AF

ExxonMobil 2013 Outlook for Energy
Transportation Fuel Demand Shifts to Diesel

OECD
 MBDOE

Non OECD
 MBDOE

ExxonMobil 2013 Outlook for Energy
Refining Converts Oil Into Many Products

Refining: Link between crude oil production and products demand

Source: U.S. Department of Labor
Electricity generation

Global electricity demand will grow by 85 percent over the Outlook period.

85%

2010

2040
Electricity Demand by Region

**Non OECD**
- Thousand TWh
  - China
  - India
  - Africa
  - Middle East
  - Russia/Caspian
  - Southeast Asia
  - Other Non OECD

**OECD**
- Thousand TWh
  - North America
  - Europe OECD
  - Other OECD

ExxonMobil 2013 Outlook for Energy
Fueling Electricity Generation Varies by Region

Electricity Generation
Quadrillion BTUs

Growth in Fuels from 2010 to 2040
Quadrillion BTUs

ExxonMobil 2013 Outlook for Energy
Energy-Related CO₂ Emissions Moderate

**CO₂ Emissions**
- Billion Tons

**Emissions per Capita**
- Tons / Person

**Emissions per GDP**
- Tons / 2005$ k GDP

ExxonMobil 2013 Outlook for Energy
Energy Mix Continues to Evolve

Average Growth / Yr. 2010 - 2040
1.0%

ExxonMobil 2013 Outlook for Energy
Supply

60%

Oil and gas will supply about 60 percent of global energy demand in 2040, up from 55 percent in 2010.
Liquids Supply

Supply by Type

- Biofuels
- Other Liquids
- NGLs
- Oil Sands
- Tight Oil
- Deepwater
- Conventional Crude & Condensate

Resource*

* Source: IEA ExxonMobil 2013 Outlook for Energy

ExxonMobil 2013 Outlook for Energy
Natural Gas Supply and Demand Shifts

**North America Gas Supply**
- Local Conventional
- Local Unconventional
- LNG

**Global Gas Supply**
- Rest of World Unconventional
- North America Unconventional
- Rest of World Conventional
- North America Conventional

ExxonMobil 2013 Outlook for Energy
Asia Pacific Energy Balance

ExxonMobil 2013 Outlook for Energy
Energy Use Evolves Over Time

Global Percent Mix of Fuels

Source: Smil, Energy Transitions (1800-1960)
Conclusions
Population Trends Impacts Energy Use

Population

Billion

2010 2020 2030 2040

OECD
Non OECD
India
Africa
Other

Fertility Rate*

Children per Woman

2010 1980 2000 2020 2040

OECD
Africa
China
India
Southeast Asia
Latin America

Global Demographics*

Billion

2010 2020 2030 2040

Age 0-14
Age 15-64
Age 65+

ExxonMobil 2013 Outlook for Energy

Residential/Commercial Outlook

By Sector
Quadrillion BTUs

- Residential
- Commercial

Residential Energy Intensity
Million BTUs per Person

- North America
- Europe OECD
- Japan
- China
- India

Fuel Demand
Quadrillion BTUs

- Electricity
- Oil
- Gas
- Coal
- Biomass
- Other
Economic Choices for U.S. Electricity

**Baseload, Startup 2030**

2012 cents/kWh

- Coal: 12 cents/kWh
- Gas: 8 cents/kWh
- Nuclear: $0/ton
- Onshore Wind*: $60/ton of CO₂
- Utility Solar PV*: $0/ton

*Wind and solar exclude costs for integration, backup capacity and additional transmission

ExxonMobil 2013 Outlook for Energy