The Energy Outlook considers a range of scenarios...

Primary energy consumption by fuel

Carbon emissions

*Renewables includes wind, solar, geothermal, biomass, and biofuels
The Energy Outlook considers a range of scenarios...

Primary energy consumption by fuel

*Renewables includes wind, solar, geothermal, biomass, and biofuels
And looks at the energy transition through different lenses

Primary energy demand

End-use sector

Region

Fuel

*Industry excludes non-combusted use of fuels
Natural gas grows strongly...

**Consumption**

- N America
- China
- Middle East
- Africa

**Production**

- Europe
- India & Other Asia
- CIS
- Other

**Trade**

- Pipeline*
- LNG
- Consumed regionally

*Pipeline gas refers to inter-regional pipeline trade
Its growth being largely driven by industrial and power sectors

Gas consumption by sector

Gas share by sector
LNG will increase the global availability of gas
Major trade movements

Trade flows worldwide

Key
- 10 billion cubic metres gas
- 2.5 billion cubic metres LNG
- USA
- Canada
- Mexico
- S. & Cent. America
- Europe
- Former Soviet Union
- Middle East
- Africa
- Asia & Australasia

What interregional gas trade looked like 20 years ago (1996)
What interregional gas trade looked like 10 years ago (2006)
And what it looks like today (2016)
What the LNG industry looks like now*

*List non exhaustive
LNG markets characteristics have changed

**Contract length**

<table>
<thead>
<tr>
<th>Year</th>
<th>&lt;10 years</th>
<th>&gt;10 years</th>
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<tr>
<td>2006</td>
<td>75%</td>
<td>25%</td>
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<tr>
<td>2016</td>
<td>25%</td>
<td>75%</td>
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Source: IHS, PIRA

**Contract size**

<table>
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</tbody>
</table>

Source: BP Statistical Review of World Energy
As LNG trade becomes more flexible

Source GIIGNL annual reports
Short term LNG is defined as contracts of less than 4 years
Disclaimer

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