### Oil & natural gas extraction data

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*Climate Mitigation Services*  
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### Norsk Hydro, Norway

www.hydro.com  
Oslo

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### Production / Extraction data

<table>
<thead>
<tr>
<th>Year</th>
<th>Crude Oil &amp; NGL</th>
<th>Natural Gas</th>
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<tbody>
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Yellow column indicates original reported units.

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44 percent State-owned

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**See Statoil**

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**Hydro sold petroleum assets to StatOil in Oct07**

See StatOil worksheet

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Total: na 1,669 - na - 3,205 - -
Norsk Hydro ASA is a Norwegian aluminium and renewable energy company, headquartered in Oslo. Hydro is the fourth largest integrated aluminium company worldwide. It has operations in some 40 countries around the world and is active in all continents. The Norwegian state holds a 43.8 percent ownership interest in the company, which employs approximately 28,000 people. Svein Richard Brandtzæg has been the CEO since 2009. The company had a significant presence in the oil and gas industry until October 2007, when these operations were merged with rival Statoil to form StatoilHydro (in 2009 changed to Statoil). Notodden remains home to the Hydrogen Technologies division, a world leader in alkaline electrolysis technology.


On this worksheet we report extractive data for each company or state-owned enterprise. Three columns under crude oil and natural gas allow for data reported in one of three formats (e.g., thousand barrels per day, or million barrels per year, or million tonnes per year). Coal is normally reported in short tons or metric tonnes per year.

The subtraction of the fraction typically sequestered in petrochemicals and other non-combusted uses such as road oils, waxes, lubricants, greases, etc. Non-fuel uses are accounted for in the emission factors and applied to each entity in the oil, gas, and coal summary worksheets.

Total net worldwide crude oil plus natural gas liquids produced by each company or state-owned enterprise. Where data is available, we list net production (after royalty production is deducted).

We rely on company annual reports, Form 10-k, or other company data where available. In some cases -- particularly for state-owned oil and gas companies -- we use production data from the Oil & Gas Journal in its OGJ150 and OGJ100.

Crude production includes natural gas liquids (NGL) unless noted.

Natural gas is typically reported as dry gas; natural gas liquids are reported under crude oil.

Carbon dioxide is normally removed from the gas flow at the production site (see "Vented Carbon Dioxide").

“SCM/d” = standard cubic meters per day. “cf/d” = cubic feet per day.

Net production typically excludes a number of diverted gas streams. Quantities and fractions vary; ExxonMobil’s exclusions are typical of the industry: “Net production available for sale quantities are the volumes withdrawn from ... natural gas reserves, excluding royalties and volumes due to others when produced, and excluding gas purchased from others, gas consumed in producing operations, field processing plant losses, volumes used for gas lift, gas injections and cycling operations, quantities flared, and volume shrinkage due to the removal of condensate or natural gas liquids production.”


Norsk Hydro annual reports 1983-1990 show reams of charted data, but typically aggregates oil and gas in TOE accompanied by no specifics. We can derive some semblance of reasonable data from a combination of oil and gas production (data in TOE) and a chart in the 1987 report (p. 38) showing oil vs gas. Use this data unless another source can be found covering 1975 through 1986.
