



SHALE HAS COME TO STAY

*An insight into the evolution and potential
of shale oil and gas 2012 to 2017*

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OVERVIEW

Until after the end of the Second World War the United States was self-sufficient in crude oil, but became an importer in the 1950s.

Now the country is becoming an exporter again, and moving towards its desired goal of energy independence. In February 2017 the U.S. started to export liquid natural gas - and the perspectives are that the country will come to play a very important role in export markets in the coming years.

But where has this ability to export come from? By using hydraulic fracturing, known as fracking, and horizontal well drilling in order to commercially exploit the crude oil or natural gas in shale rock.

Apart from the U.S. other countries possess shale oil and gas resources that could in the coming years be developed and directed towards their domestic markets or towards export.

As a result of this “shale revolution” global oil and gas markets will not remain the same: new exporters will be entering the market and trade flows will be changing... New realities are expected.

An overview of what is covered:

- Chapter 1 provides an insight into shale oil and gas both in the United States and on all continents for the period 2012 to 2013.
- Chapter 2 gives examples of countries where, for the year 2013, there was potential for the development of shale oil or gas.
- Chapter 3 uses information, again for the 2012 to 2013 period, in order to compare potential changes in the balance of world oil resources between shale and conventional oil and gas.
- Chapter 4 moves to the period 2014 to 2016 in which U.S. shale is effectively changing global oil and gas perspectives.
- Chapter 5 concentrates on 2017 when it has become perfectly clear that U.S. shale is consolidating and defining a new exports position for itself notably in world liquid natural gas markets.

Nearly 80 maps and tables illustrate “Shale has come to stay”, and 90 references back up the facts.