

Europe Shale Gas Market Prospects- Ten European Countries Open Up Their Shale Markets for Investments in Exploration

<https://marketpublishers.com/r/EDE243B7A73EN.html>

Date: June 2013

Pages: 153

Price: US\$ 4,000.00 (Single User License)

ID: EDE243B7A73EN

Abstracts

The new Europe shale gas report from OGANALYSIS noted that most oil and gas companies, investors and equipment & service providers are aiming to tap the boom in Europe shale gas. The report analyzes the current status, potential and feasibility of shale development, ongoing activities, government stance and companies operating in each of the 13 shale markets. The report also provides complete analysis on reserve potential, key basins and shale plays information with details of physical characteristics, reservoir properties and resource characteristics. Feasibility of shale development coupled with details of concessions awarded, drilling success rates and operations, strategies of over 34 companies is provided. Basin wise operations are provided for all companies operating in each shale market including Royal Dutch Shell Plc, BNK Petroleum, Chevron Corporation, Exxon Mobil, ENI SpA, Total SA, 3Legs Resources, Cuadrilla Resources, Realm Energy and San Leon Energy among others are actively perusing shale gas exploitation opportunities in Europe.

Driven by the success of the US shale and amidst energy security plans, ten key markets have opened up their shale plays for investment. While Poland has already awarded 111 concessions, the UK has uplifted the ban on hydraulic fracturing. Germany, Denmark, Sweden, Spain and Ukraine have awarded concessions and Turkey expects its first shale gas production in 2013. On the other hand, Netherlands is still conducting studies on environmental impact, Lithuania is yet to announce the bid winner and Belgium is also yet to announce its stance on shale gas. Further, France and Norway are unlikely to explore their shale reserves in the near to medium term future.

The report identifies the top ten trends in Europe shale market and compares the shale

plays with the US shale play characteristics. Key drivers and challenges faced by countries along with feasibility of first commercial production are also discussed in detail. Further, the Europe shale gas report from OGANALYSIS discusses physical characteristics of major basins in each country along with their reservoir properties and resource characteristics. Further, shale formations and key plays in each basin are discussed in detail. Basin wise company information along with the current status of activities in permits awarded is analyzed. In addition, company wise shale activities are provided for leading ten companies. Recent shale gas developments along with their impact on companies/ markets/ alternative fuels are also provided.

Contents

1 TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2 EXECUTIVE SUMMARY

- 2.1 Global Shale Gas Markets Overview- 2012
 - 2.1.1 Global Shale Gas Reserve Potential
 - 2.1.2 Current Status of Shale Exploration Progress by Country
 - 2.1.3 Shale Gas Overview- Snapshot
 - 2.1.4 Shale Gas Overview- Evolution
 - 2.1.5 Shale Gas Overview- Key Steps in Exploration Process
 - 2.1.6 Shale Gas Overview- Hydraulic Fracturing
- 2.2 Shale Gas Exploration in Europe Witnessing Strong Boost amidst New Policies and Energy security concerns
 - 2.2.1 Europe Shale Gas Potential
 - 2.2.2 Despite Challenges Ten Countries Open up Their Shale Plays for Exploration
- 2.3 Drivers and Restraints of Investing in Europe Shale Industry
 - 2.3.1 Key Drivers
 - 2.3.2 Major Restraints
 - 2.3.3 Environmental Concerns
- 2.4 Key Investment Areas in Europe Shale Gas Industry
 - 2.4.1 Based on Reserves
 - 2.4.2 Based on Progress in Exploration Activities
 - 2.4.3 Based on Drilling Success Rate

3 TOP 10 TRENDS IN EUROPE SHALE GAS

- 3.1 Europe to Witness Next Shale Gas Boom after North America
- 3.2 Robust growth in Gas Demand Encouraging Investments in Shale Gas Exploration in Europe
 - 3.2.1 Gas Demand of European Markets to grow steadily through 2030
 - 3.2.2 Declining Conventional Gas Reserves and Energy Security plans Encourage Countries to search for Alternative Energy sources
 - 3.2.3 Increasing Natural Gas Import Prices
 - 3.2.4 Economic Impact

3.3 Europe holds around 10% of Global Technically Recoverable Shale Gas Resources

3.4 Shale Reserves stood around three times Conventional Gas Reserves

3.5 Turkey and Poland to Pioneer European Shale Gas Industry

3.6 Increased Shale Gas Production in the US Driving Coal Demand in Europe

3.7 Despite Strong Growth prospects of Europe Shale Market, Companies face Tough Challenges

3.7.1 High production costs and intense competition to Impact Exploration

3.7.2 Limited Land Access, Fresh water availability and other Environmental issues pose Tough challenges

3.7.3 Geological Risks and Technology Transfer Issues to be Resolved before Exploration

3.8 Exxon Mobil and Talisman Energy of Poland Sale their Licenses

3.9 Ukraine plans to exploit its Shale Reserves to reduce its dependency on Russian Gas

4 CURRENT STATUS OF SHALE GAS EXPLORATION AND FIELD DEVELOPMENTS IN EUROPE

4.1 Poland- Government awarded 111 Concessions and first production likely in 2015

4.2 United Kingdom- Uplifted Suspension on Shale Gas Exploration in December 2012

4.3 Sweden- State owned company, Gripen Gas Confirmed Success of GH-2 and BY-1 wells

4.4 Denmark- Nordsøfonden and Total E&P Denmark B.V. plans to start Drilling in 2014

4.5 Netherlands- Research studies on Environmental impact under progress with results

4.6 Turkey- First production to commence in Diyarbakir in 2013

4.7 Ukraine Shale Gas Exploration Results are Expected in 2015 By Royal Dutch Shell Plc

4.8 Germany- Awarded 12 Licenses for exploration during 2012

4.9 Lithuania- Chevron likely to be announced as the winner for Shale Gas exploration tender

4.10 Belgium- Government yet to announce its stance on Shale Gas discoveries

4.11 Spain- Gran Enara Exploration is being carried out by Ente Vasco de la Energia

4.12 Norway- Amidst Significant conventional reserves, Norway unlikely to explore its shale

4.13 France- Government announced a continuous ban on Hydraulic fracturing operations

4.14 Romania and Bulgaria Break Moratorium on Hydraulic fracturing

5 POLAND SHALE GAS MARKET ANALYSIS

- 5.1 Poland Shale and Conventional Gas Snapshot
- 5.2 Shale Gas Reserve Potential
- 5.3 Regulatory Bodies
- 5.4 Shale Play Characteristics
 - 5.4.1 Baltic Basin Characteristics
 - 5.4.2 Lublin Basin Characteristics
 - 5.4.3 Podlasie Basin Characteristics
- 5.5 Poland Shale Drilling and Exploration Operations
 - 5.5.1 Baltic Basin Exploration Activities
 - 5.5.2 Lublin Basin Exploration Activities
 - 5.5.3 Podlasie Basin Exploration Activities
- 5.6 Leading Players in Poland Shale Market
 - 5.6.1 Company wise Acreage and Licenses Awarded
 - 5.6.2 PGNiG SA Shale Operations in Poland
 - 5.6.3 Chevron Polska Energy Resources Sp. z o.o. Shale Operations in Poland
 - 5.6.4 Exxon Mobil Exploration and Production Poland Sp. z o.o. Shale Operations in Poland
 - 5.6.5 Nexen Petroleum Polska Shale Operations in Poland
 - 5.6.6 Orlen Upstream Sp. z o.o. Shale Operations in Poland
 - 5.6.7 LOTOS Petrobaltic S.A. Shale Operations in Poland
 - 5.6.8 Petrolinvest Shale Operations in Poland
 - 5.6.9 Wisent Oil & Gas Shale Operations in Poland
 - 5.6.10 San Leon Energy Shale Operations in Poland
 - 5.6.11 3Legs Resources Shale Operations in Poland
 - 5.6.12 Cuadrilla Polska Sp. z o.o. Shale Operations in Poland
 - 5.6.13 Dart Energy (Poland) Shale Operations in Poland
 - 5.6.14 Aurelian Oil & Gas Poland Sp. z o.o Shale Operations in Poland
 - 5.6.15 Talisman Energy Inc Shale Operations in Poland
 - 5.6.16 BNK Petroleum Inc. Shale Operations in Poland
 - 5.6.17 DPV Service Sp. z o.o. Shale Operations in Poland
 - 5.6.18 Eni SpA Shale Operations in Poland
 - 5.6.19 Strzelecki Energia Sp. z o.o., Shale Operations in Poland
 - 5.6.20 Mac Oil Shale Operations in Poland

6 TURKEY SHALE GAS MARKET ANALYSIS

- 6.1 Turkey Shale and Conventional Gas Snapshot
- 6.2 Shale Gas Reserve Potential

6.3 Shale Play Characteristics

6.3.1 SE Anatolian Basin Characteristics

6.3.2 Thrace Basin Characteristics

6.4 Turkey Shale Drilling and Exploration Operations

6.4.1 SE Anatolian Basin Exploration

6.4.2 Thrace Basin Exploration

6.5 Leading Players in Turkey Shale Market

7 GERMANY SHALE GAS MARKET ANALYSIS

7.1 Germany Shale and Conventional Gas Snapshot

7.2 Shale Play Characteristics

7.2.1 North Sea-German Basin Characteristics

7.3 Germany Shale Drilling and Exploration Operations

7.4 Leading Players in Germany Shale Market

7.4.1 Exxon Mobil Corporation Shale Operations in Germany

7.4.2 Realm Energy Shale Operations in Germany

7.4.3 BNK Petroleum Shale Operations in Germany

7.4.4 3Legs Resources Shale Operations in Germany

8 SWEDEN SHALE GAS MARKET ANALYSIS

8.1 Sweden Shale and Conventional Gas Snapshot

8.2 Shale Play Characteristics

8.2.1 Scandanivia Region Basin Characteristics

8.3 Leading Players in Sweden Shale Market

8.3.1 Royal Dutch Shell Plc Shale Operations in Sweden

8.3.2 Gripen Gas Shale Operations in Sweden

9 UNITED KINGDOM SHALE GAS MARKET ANALYSIS

9.1 United Kingdom Shale and Conventional Gas Snapshot

9.2 Shale Gas Reserve Potential

9.3 Shale Play Characteristics

9.3.1 Bowland Shale Characteristics

9.3.2 Liassic Shale Characteristics

9.4 Leading Players in the UK Shale Market

9.4.1 Cuadrilla Resources Shale Operations in the UK

9.4.2 Celtique Energy Shale Operations in the UK

- 9.4.3 Eden Energy Shale Operations in the UK
- 9.4.4 Euroenergy Shale Operations in the UK
- 9.4.5 IGas Energy Plc (IGAS) Shale Operations in the UK

10 UKRAINE SHALE GAS MARKET ANALYSIS

- 10.1 Ukraine Shale and Conventional Gas Snapshot
- 10.2 Shale Gas Reserve Potential
- 10.3 Shale Play Characteristics
 - 10.3.1 Dnieper-Donets Shale Characteristics
 - 10.3.2 Ukraine Lublin Basin Shale Characteristics
- 10.4 Leading Players in Ukraine Shale Market
 - 10.4.1 Royal Dutch Shell Plc Shale Operations in Ukraine
 - 10.4.2 EuroGas Ukraine Ltd Shale Operations in Ukraine
 - 10.4.3 LLC Westgasinvest Shale Operations in Ukraine
 - 10.4.4 Eni SpA Shale Operations in Ukraine
 - 10.4.5 Chevron Corporation Shale Operations in Ukraine

11 SPAIN SHALE GAS MARKET ANALYSIS

- 11.1 Spain Shale and Conventional Gas Snapshot
- 11.2 Shale Gas Reserve Potential
- 11.3 Shale Play Characteristics
- 11.4 Leading Players in Spain Shale Market
 - 11.4.1 SHESA
 - 11.4.2 Oil & Gas Skills, SA,
 - 11.4.3 BNK Petroleum
 - 11.4.4 Realm Energy International Corp

12 DENMARK SHALE GAS MARKET ANALYSIS

- 12.1 Denmark Shale and Conventional Gas Snapshot
- 12.2 Shale Gas Reserve Potential
- 12.3 Leading Players in Denmark Shale Market
 - 12.3.1 Total E&P Denmark B.V Shale Operations in Denmark

13 NETHERLANDS SHALE GAS MARKET ANALYSIS

- 13.1 Netherlands Shale and Conventional Gas Snapshot

13.2 Shale Gas Reserve Potential

13.3 Shale Play Characteristics

13.3.1 Comparison of Central Graben, West Netherlands and Anglo-Dutch Shale Plays

13.4 Leading Players in Netherlands Shale Market

13.4.1 Brabant Resources Ltd Shale Operations in Netherlands

13.4.2 Hardenberg Resources BV Shale Operations in Netherlands

14 BELGIUM SHALE GAS MARKET ANALYSIS

14.1 Belgium Shale and Conventional Gas Snapshot

14.2 Shale Gas Reserve Potential

14.3 Shale Plays

14.4 Leading Players in Belgium Shale Market

14.4.1 Royal Dutch Shell Plc Shale Operations in Belgium

15 LITHUANIA SHALE GAS MARKET ANALYSIS

15.1 Lithuania Shale and Conventional Gas Snapshot

15.2 Shale Gas Reserve Potential

15.3 Shale Play Characteristics

15.3.1 Lithuania Baltic Basin Shale Characteristics

15.4 Leading Players in Lithuania Shale Market

16 NORWAY SHALE GAS MARKET ANALYSIS

16.1 Norway Shale and Conventional Gas Snapshot

16.2 Shale Gas Reserve Potential

16.3 Shale Plays

17 FRANCE SHALE GAS MARKET ANALYSIS

17.1 France Shale and Conventional Gas Snapshot

17.2 Shale Gas Reserve Potential

17.3 Shale Play Characteristics

17.3.1 Paris Basin Characteristics

17.3.2 France South-East Basin Characteristics

17.4 France Shale Drilling and Exploration Operations

18 KEY COMPANIES INVESTING IN EUROPE SHALE GAS MARKETS

18.1 Royal Dutch Shell Plc

18.1.1 Turkey

18.1.2 Sweden

18.1.3 Ukraine

18.1.4 Belgium

18.2 BNK Petroleum

18.2.1 Poland

18.2.2 Germany

18.2.3 Spain

18.3 Chevron Corporation

18.3.1 Poland

18.3.2 Ukraine

18.3.3 Romania

18.3.4 Bulgaria

18.3.5 Lithuania

18.4 Exxon Mobil Corporation

18.4.1 Poland

18.4.2 Germany

18.5 ENI SpA

18.5.1 Poland

18.5.2 Ukraine

18.6 Total SA

18.6.1 Denmark

18.6.2 Poland

18.7 3Legs Resources Plc

18.7.1 Poland

18.7.2 Germany

18.8 Cuadrilla Resources Ltd

18.8.1 Poland

18.8.2 United Kingdom

18.8.3 Netherlands

18.9 Realm Energy

18.9.1 Poland

18.9.2 Germany

18.9.3 Spain

18.10 San Leon Energy

18.10.1 Poland

19 EUROPE SHALE- RECENT NEWS LANDSCAPE

20 APPENDIX

20.1 Abbreviations

20.2 Definitions

20.3 Sources and Methodology

20.4 Contact Information

20.5 Disclaimer

List Of Tables

LIST OF TABLES

Table 1: Comparison of Shale Gas Reserves to Conventional Gas Reserves, 2011

Table 2: Dwindling Conventional Gas Reserves in European Countries, 2000- 2011

Table 3: Global Shale Reserves by Country

Table 4: Poland Shale Gas Snapshot

Table 5: Physical Characteristics of Baltic Basin

Table 6: Reservoir Properties

Table 7: Resource Characteristics

Table 8: Physical Characteristics of Lublin Basin

Table 9: Reservoir Properties

Table 10: Resource Characteristics

Table 11: Physical Characteristics of Podlasie Basin

Table 12: Reservoir Properties

Table 13: Resource Characteristics

Table 14: Poland Company wise Concessions Awarded and Acreage, 2007- 2013

Table 15: Turkey Shale Gas Snapshot

Table 16: Physical Characteristics of SE Anatolia Basin

Table 17: Reservoir Properties

Table 18: Resource Characteristics

Table 19: Physical Characteristics of Thrace Basin

Table 20: Reservoir Properties of Hamitabat Shale Formation

Table 21: Resource Characteristics of Hamitabat Shale Formation

Table 22: Germany Shale Gas Snapshot

Table 23: Physical Characteristics of North Sea-German Basin

Table 24: Reservoir Properties of North Sea-German Basin

Table 25: Resource Characteristics of North Sea-German Basin

Table 26: Sweden Shale Gas Snapshot

Table 27: Physical Characteristics of Scandinavia Region Basin

Table 28: Reservoir Properties

Table 29: Resource characteristics

Table 30: United Kingdom Shale Gas Snapshot

Table 31: Physical Characteristics of U.K. Northern Petroleum System

Table 32: Reservoir Properties

Table 33: Resource Characteristics

Table 34: Physical Characteristics of Liassic Shale Formation

Table 35: Reservoir Properties

Table 36: Resource Characteristics
Table 37: Ukraine Shale Gas Snapshot
Table 38: Physical Characteristics of Dnieper-Donets Shale Basin
Table 39: Reservoir Properties
Table 40: Resource Characteristics
Table 41: Physical Characteristics of Bowland Shale
Table 42: Reservoir Properties
Table 43: Resource Characteristics
Table 44: Spain Shale Gas Snapshot
Table 45: Denmark Shale Gas Snapshot
Table 46: Netherlands Shale Gas Snapshot
Table 47: Characteristics of Netherlands Shale Basins
Table 48: Belgium Shale Gas Snapshot
Table 49: Lithuania Shale Gas Snapshot
Table 50: Physical Characteristics of Lithuania Baltic Basin Shale
Table 51: Reservoir Properties
Table 52: Resource Characteristics
Table 53: Norway Shale Gas Snapshot
Table 54: France Shale Gas Snapshot
Table 55: Physical Characteristics of France Paris Basin
Table 56: Reservoir Properties
Table 57: Resource Characteristics
Table 58: Physical Characteristics of France Paris Basin
Table 59: Reservoir Properties
Table 60: Resource Characteristics

List Of Figures

LIST OF FIGURES

- Figure 1: Global Shale Gas Reserves (Tcf)
- Figure 2: Shale Resources- Schematic Geology
- Figure 3: Typical Hydraulic Fracturing Process
- Figure 4: Fracturing Fluid Composition
- Figure 5: Shale Fracturing Fluid- Typical Composition of Chemical Additives
- Figure 6: Europe shale gas reserves by country (Tcm) as of 2011
- Figure 7: Europe Natural Gas Demand Forecast 2000-2020
- Figure 8: Global Comparison of Technically Recoverable Shale Gas Reserves
- Figure 9: European Countries Shale Gas Reserves in comparison with Natural Gas Reserves in 2011 (Tcf)
- Figure 10: Comparison of Shale Gas Reserves with Natural Gas Reserves of Poland, 2011
- Figure 11: Poland Shale Basins
- Figure 12: Comparison of Shale Gas Reserves with Natural Gas Reserves of Turkey, 2011
- Figure 13: Turkey Shale Basins
- Figure 14: Comparison of Shale Gas Reserves with Natural Gas Reserves of Germany, 2011
- Figure 15: Comparison of Shale Gas Reserves with Natural Gas Reserves of Turkey, 2011
- Figure 16: Comparison of Shale Gas Reserves with Natural Gas Reserves of Ukraine, 2011
- Figure 17: Comparison of Shale Gas Reserves with Natural Gas Reserves of Denmark, 2011
- Figure 18: Comparison of Shale Gas Reserves with Natural Gas Reserves of Netherlands, 2011
- Figure 19: Comparison of Shale Gas Reserves with Natural Gas Reserves of France, 2011

COMPANIES MENTIONED

Royal Dutch Shell Plc, BNK Petroleum, Chevron Corporation, Exxon Mobil, ENI SpA, Total SA, 3Legs Resources, Cuadrilla Resources, Realm Energy and San Leon Energy

I would like to order

Product name: Europe Shale Gas Market Prospects- Ten European Countries Open Up Their Shale Markets for Investments in Exploration

Product link: <https://marketpublishers.com/r/EDE243B7A73EN.html>

Price: US\$ 4,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/EDE243B7A73EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

